

DANZIGER

ANNUALS

Technical Product Pages

2024-2025

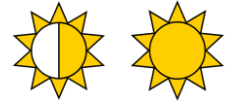


AGUILERA™

Ageratum houstonianum



**Aguilera™
Violet**



- Early flowering time
- Heat tolerance
- Mounded habit
- Mature height and width is 10 inches x 12 inches (25cm x 30cm)

For additional technical growing information:

[AGUILERA™ CLICK HERE](#)



AGUILERA™

Ageratum houstonianum



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(10 - 12")
25 - 30 cm



Height
(10 - 12")
25 - 30 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible. Scout specifically for Botrytis



Daminozide at 1500 ppm week 3.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-----------------------|---------------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 70 F (21 C) | Feed 100 ppm to 125 ppm N | | Daminozide as needed | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | feed 100 to 125 ppm N | | | | |

For additional technical growing information:

AGUILERA™ [CLICK HERE](#)



AGUILERA™

Ageratum houstonianum



FINISHING TIPS

- Pinch is optional
- Ageratum is a long day plant so extending the day or night interruption will hasten flowering
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|--|
| 5 to 7 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | Pinch – Optional | 150 - 200 ppm N | In liner and finish stages as required |
| 6 to 8 wks (15 cm) 6 ½" | Weeks 3 – 5 65° - 68° (18° - 20° C) | Night interruption or extended day- Optional | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|----------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide at 1500 to 2500 ppm early on finished plants - Paclobutrazol drench application at 1 ppm for finishing if required
- Maintain good airflow and allow plants to dry before nightfall
- Scout for Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|----------|-------------------------------|----------------------------------|--|
| Week 5 Transplant | 5.7 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 150 to 200 ppm | optional | Daminozide as needed | Spray fungicide after transplant | |
| Week 5 to 12 | 5.7 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 150 to 200 ppm | | Paclobutrazol Drench at 1 ppm | | Paclobutrazol 1 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

AGUILERA™ [CLICK HERE](#)



ALONIA™

Angelonia angustifolia



ALONIA™ Purple



- Early flowering
- Good heat tolerance
- Can be grown in small pots but continues to gain size in the garden
- Mature height and width is 14 inches x 12 inches (36cm x 30cm) for Alonia and 16 inches x 14 inches (41cm x 36cm) for Alonia Big

More varieties in the ALONIA™ series:



**ALONIA™
Dark Lavender**



**ALONIA™
Violet**



**ALONIA™
Bicolor Violet**



**ALONIA™
Pink Flirt**



**ALONIA™
Snowball**

Sub series BIG with a larger habit:



**ALONIA™ BIG
Grape**



**ALONIA™ BIG
Cherry**



**ALONIA™ BIG
Bicolor Pink Imp.**



**ALONIA™ BIG
Bicolor Purple**



**ALONIA™ BIG
Snow**



**ALONIA™ BIG
Dark Pink**



**ALONIA™ BIG
Indigo**

For additional technical growing information:

[ALONIA™ CLICK HERE](#)



DANZIGER

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ALONIA™

Angelonia angustifolia



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 14")
30 - 36 cm



Height

(14 - 16")
36 - 41 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 100 to 150 ppm N | Apply broad spectrum Week 2 |



Misting specification - Remove from mist as soon as possible
- Spray adjuvant at sticking



- Maintain warm temperatures allowing plants to develop.
- Spray Daminozide at 1200 to 1500 ppm
- Pinch is recommended week 4 or at transplant

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|--------------|----------------------|----------------------|----------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | 72 / 74 F (22 / 23 C) | Feed 100 ppm to 150 ppm | Not required | Daminozide as needed | | |
| Week 4 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 to 150 ppm | Not required | Daminozide as needed | | |
| Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 68 F (20 C) | Feed 100 to 150 ppm | Not required | Daminozide as needed | | |

For additional technical growing information:

ALONIA™ [CLICK HERE](#)



DANZIGER

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ALONIA™

Angelonia angustifolia



FINISHING TIPS

- Pinch week 3 in liner or at transplant
- Plant liners below new soil to support plants at maturity

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|----------------------------|
| 8 to 9 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch –Yes Night interruption or extended day- Optional | 100 - 150 ppm N | In liner and finish stages |
| 8 to 10 wks (15 cm) 6 ½" | 65° - 68° (18° - 20° C) | | Soil EC 1.0 - 1.2 pH 5.5 to 6.0 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide at 2500 to 3750 ppm for finishing plants
- Paclobutrazol drench application at 1 to 2 ppm for finishing if required
- Spray broad spectrum fungicide after transplant
- Scout for Aphids and Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|------------------------------------|----------------------------------|---|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | B-9 as needed | Spray fungicide after transplant | |
| Week 6 to 13 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench if required |

For additional technical growing information:

ALONIA™ [CLICK HERE](#)



ALONIA™

Angelonia angustifolia



ALONIA™ Dark Lavender - Photos from trials across North America 2020



Atlanta (GA)



Mast Young Plants (MI)



Raker Robertas (MI)



Colorado Sate Univ



Youngs Plant Farm (AL)

For additional technical growing information:

ALONIA™ [CLICK HERE](#)



 **DANZIGER**
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ALONIA™

Angelonia angustifolia



ALONIA™ Big Bicolor Purple - Photos from trials across North America 2020



Metrolina Greenhouse (NC)



Colorado Sate Univ



Youngs Plant Farm (AL)



Mast Young
Plants (MI)



Raker Robertas
(MI)

For additional technical growing information:

ALONIA™ [CLICK HERE](#)



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ALONIA™

Angelonia angustifolia



ALONIA™ Big Bicolor Pink - Photos from trials across North America 2020



Metrolina Greenhouse (NC)



Colorado Sate Univ



Youngs Plant Farm (AL)



Mast Young
Plants (MI)



Raker Robertas
(MI)

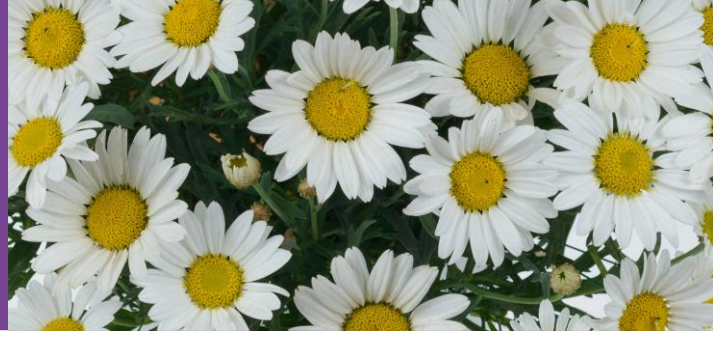
For additional technical growing information:

ALONIA™ [CLICK HERE](#)

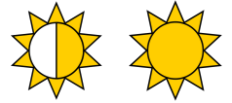


ANGELIC™

Argyranthemum frutescens



MAIZE™ Imp.



- Early flowering time
- Well matched series of 5 colors
- Mature height and width is 12 inches x 14 inches (30cm x 36cm)

More varieties in the ANGELIC™ series:



ANGELIC™ Burgundy



ANGELIC™ Giant Pink



ANGELIC™ Lemon Pastel



ANGELIC™ Ruby



SUNNY SPRING™



Best Seller

EVEREST™



Mars™



NEPTUNE™

For additional technical growing information:

[ANGELIC™ CLICK HERE](#)



DANZIGER

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ANGELIC™

Argyranthemum frutescens



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(12 - 14")
30 - 36 cm



Height
(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Light in propagation for optimal growth and to hasten crop time. Argyranthemum respond to long days for flowering. Daminozide at 750 ppm week 3.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|--------------------------------|-------------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.8 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.8 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.0 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.8 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

ANGELIC™ [CLICK HERE](#)



ANGELIC™

Argyranthemum frutescens



FINISHING TIPS

- Pinch is optional
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | Pinch – Optional | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | Weeks 3 – 5 65° - 68° (18° - 20° C) | Night interruption or extended day- Optional | Soil EC 1.0 - 1.2 pH 5.5 to 6.0 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|----------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide at 750 to 2000 ppm on young finished plants Paclobutrazol drench application at 1 ppm for finishing if required
- Maintain good airflow and allow plants to dry before nightfall
- Scout for Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 5 Transplant | 5.7 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide as needed | Spray fungicide after transplant | |
| Week 5 to 13 | 5.7 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

ANGELIC™ [CLICK HERE](#)

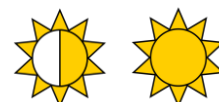


LOLLIES™

Argyranthemum frutescens



LOLLIES™
Buttermint Imp.



- Early flowering time
- Well matched series of 5 colors
- Mature height and width is 12 inches x 14 inches (30cm x 36cm)

More varieties in the LOLLIES™ series:



LOLLIES™
Pink Pez



LOLLIES™
Berry Gummy



LOLLIES™
White Chocolate



LOLLIES™
Marshmallow

For additional technical growing information:

[LOLLIES™ CLICK HERE](#)



LOLLIES™

Argyranthemum frutescens



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(12 - 14")
30 - 36 cm



Height
(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Light in propagation for optimal growth and to hasten crop time. Argyranthemum respond to long days for flowering. Daminozide at 750 ppm week 3.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|-----------|----------------------|
| Week 1 | 5.8 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | | Day of sticking |
| Week 2 | 5.8 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | | Second fungicide app |
| Week 3 | 5.8 to 6.0 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.8 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

LOLLIES™ [CLICK HERE](#)



LOLLIES™

Argyranthemum frutescens



FINISHING TIPS

- Pinch is optional
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | Pinch – Optional | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | Weeks 3 – 5 65° - 68° (18° - 20° C) | Night interruption or extended day- Optional | Soil EC 1.0 - 1.2 pH 5.5 to 6.0 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide at 750 to 2000 ppm on young finished plants Paclobutrazol drench application at 1 ppm for finishing if required
- Maintain good airflow and allow plants to dry before nightfall
- Scout for Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 5 Transplant | 5.7 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide as needed | Spray fungicide after transplant | |
| Week 5 to 13 | 5.7 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

LOLLIES™ [CLICK HERE](#)



LOLLIES™

Argyranthemum frutescens



LOLLIES™ - Photos from trials across Israel & North America



Israel 2020



HeadStart 2021



Raker 2022



Raker 2022



Israel 2020



Israel 2020

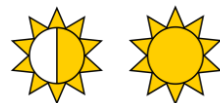
For additional technical growing information:

LOLLIES™ [CLICK HERE](#)



SCOPIA® GULLIVER™

Bacopa / Sutera



- Large flower size
- Well branched genetics
- Full spectrum of colors
- Great product for combinations

SCOPIA® GULLIVER™
Pink

More varieties in the GULLIVER™ series:



SCOPIA® GULLIVER™
White Improved



SCOPIA® GULLIVER™
Dynamic White



SCOPIA® GULLIVER™
Blue



SCOPIA® GULLIVER™
Pink Heart Improved

For additional technical growing information:

SCOPIA® GULLIVER™ [CLICK HERE](#)



 **DANZIGER**

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SCOPIA® GULLIVER™

Bacopa / Sutera



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(15 - 17")
35 - 40 cm



Height

(4 - 6")
10 - 15 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible to avoid leaf disease issues.



Daminozide at 1500 ppm day of sticking. The Scopia Gulliver™ Series is well branched so no pinch should be required. Spray fungicide to control leaf diseases.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.6 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Day of sticking | Day of sticking | |
| Week 2 | 5.6 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide if needed | | |

For additional technical growing information:

SCOPIA® GULLIVER™ [CLICK HERE](#)



 **DANZIGER**

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SCOPIA® GULLIVER™

Bacopa / Sutera



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Consistent soil moisture is best to maximize root structure and plant health
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|--|
| 6 to 7 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch / Optional No lighting necessary | 100 - 150 ppm N | Spray application of Daminozide if required |
| 8 to 9 wks (15 cm) 6 ½" | 65° - 68° (18° - 20° C) | | Soil EC 0.8 - 1.0 pH 5.6 to 6.2 | |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 9 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Consistent soil moisture levels are best – allow soil to dry slightly between irrigations
- Fungicide applications and good air movement to reduce disease pressures
- Scout for Aphids on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|--|----------------------------------|----------|
| Week 6 Transplant | 5.6 to 6.0 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide spray application if needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.0 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | | | |

For additional technical growing information:

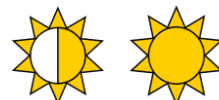
SCOPIA® GULLIVER™ [CLICK HERE](#)



SCOPIA® GULLIVER™

COMPACT

Bacopa / Sutera



- More compact varieties of Danziger's well known Scopia Gulliver™ Bacopa
- Full color spectrum including Purple, Rosa and White



SCOPIA® GULLIVER™
Compact Rosa

More varieties in the SCOPIA® GULLIVER™ Compact series:



SCOPIA® GULLIVER™
Compact Blush



SCOPIA® GULLIVER™
Compact White



SCOPIA® GULLIVER™
Compact Purple

For additional technical growing information:

SCOPIA® GULLIVER™ COMPACT [CLICK HERE](#)



SCOPIA® GULLIVER™

COMPACT

Bacopa / Sutera



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10 - 14")
24 - 36 cm



Height

(4 - 6")
10 - 15 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible to avoid leaf disease issues.



Daminozide at 1500 ppm day of sticking. The Scopia Gulliver™ Compact Series is well branched. Spray fungicide to control leaf diseases.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.6 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Day of sticking | Day of sticking | |
| Week 2 | 5.6 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide if needed | | |

For additional technical growing information:

SCOPIA® GULLIVER™ COMPACT [CLICK HERE](#)



SCOPIA® GULLIVER™

COMPACT

Bacopa / Sutera



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Maintain soil moisture at medium level to maximize root structure
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|--|
| 6 to 7 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch / Optional | 100 - 150 ppm N | Spray application of Daminozide if required |
| 8 to 9 wks (15 cm) 6 ½" | 65° - 68° (18° - 20° C) | | Soil EC 0.8 - 1.0 pH 5.6 to 6.2 | |
| 8 to 9 wks (20 cm) 8" | | | | |
| 8 to 9 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Consistent soil moisture levels are best – allow soil to dry slightly between irrigations
- Fungicide applications and good air movement to reduce disease pressures
- Scout for Aphids on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|--|----------------------------------|----------|
| Week 6 Transplant | 5.6 to 6.0 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide spray application if needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.0 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | | | |

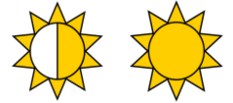
For additional technical growing information:

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DOUBLET™

Begonia semperflorens



- Early flower response
- Well matched series of 4 colors
- Good branching
- Mature height and width is 14 inches x 10 inches (36cm x 25cm)

DOUBLET™
White

More varieties in the DOUBLET™ series:



Doublet™
Red



Doublet™
Rose



Doublet™
Pink

For additional technical growing information:

DOUBLET™ [CLICK HERE](#)



 **DANZIGER**

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DOUBLET™

Begonia semperflorens



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time
**Spring / Summer
Flowering**



Width
**(8 - 10")
20 - 24 cm**



Height
**(12 - 14")
30 - 36 cm**

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|---------------------------------------|----------|---------------------|--|
| 4 weeks | Weeks 1 - 2 68°-70° F (20° - 21°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 68° (20° C) | | Weeks 3-5 100 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Drying of cuttings during rooting will extend days to full rooted liner. In propagation, maintain uniform moisture levels

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|------------------|-------|-----|----------------------|----------|
| Week 1 | 5.5 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.5 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.7 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm N | | | | |
| Week 4 | 5.7 to 6.2 | 0.9 to 1.0 | 68 F (20 C) | feed 100 ppm N | | | | |

For additional technical growing information:

DOUBLET™ [CLICK HERE](#)



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DOUBLET™

Begonia semperflorens



FINISHING TIPS

- Do not pinch Begonia Doublets
- Extremely high light conditions and excessive drying will damage leaves during propagation opening the plant system for Botrytis.

| Average Time (from liners) | Temperature | Pinch/Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|------------------------------|------------------------------------|---------------------------------|
| 5 to 7 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch should be required | 100 - 150 ppm N | chlormequat at 750 to 1,500 PPM |
| 6 to 8 wks (15 cm) 6 ½" | | | Soil EC 1.0 - 1.2 pH 5.7 to 6.2 | |

| | | Recommended Chemicals |
|-----------------|--------------|---|
| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
| | Thrips | METHIOCARB, ACINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Plant growth is based on moisture levels, temperatures and feed rates. Lower temperatures, lower soil moisture levels and lower feed rates will slow growth and finish a more compact plant.
- Drench fungicide to prevent Rhizoctonia and other water mold diseases - Maintain good airflow and allow plants to dry before nightfall
- Scout for Whitefly, Thrips and Mealybug

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 5 Transplant | 5.7 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | chlormequat at 750 to 1,500 PPM | Spray fungicide after transplant | |
| Week 5 to 12 | 5.7 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

DOUBLET™ [CLICK HERE](#)



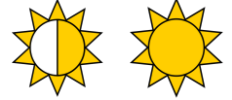
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TIMELESS™ COLLECTION

Bidens ferulifolia



Blazing Flames™



- Needs little to no PGR
- The new Blazing Star™ has a distinct color pattern
- Well suited for quart (12 cm) programs

COMPACT UPRIGHT



Blazing Embers™

MOUNDED/SEMI-TRAILING



Yellow Splash Imp.™



Blazing Glory™



Yellow Charm™

UPRIGHT



Golden Empire™



White Delight™ Imp.

MOUNDED



Blazing Volcano™



Blazing Ring of Fire™



Pretty In Pink™ Imp.



Blazing Star™



Mega Charm™



Yellow Sunshine™

For additional technical growing information:

BIDENS™ [CLICK HERE](#)



TIMELESS™ COLLECTION

Bidens ferulifolia



PROPAGATION TIPS

- Stick on priority – Number 4 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(8 - 14")
20 - 36 cm



Height
(6 - 14")
15 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Apply broad spectrum fungicide the day of sticking to control leaf disease. For the more vigorous varieties, apply Daminozide spray at 1500 ppm week 3.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

BIDENS™ [CLICK HERE](#)



TIMELESS™ COLLECTION

Bidens ferulifolia



FINISHING TIPS

- Pinch is optional, possibly on more vigorous varieties
- Cool temperature finishing for best quality and optimum flower color

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|---|
| 6 to 8 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch – Recommended | 100 - 200 ppm N | Daminozide at 1500 to 2500 ppm on more vigorous varieties |
| 7 to 9 wks (15 cm) 6 ½" | 1 ppp | Not Required – Day Neutral | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| 7 to 9 wks (20 cm) 8" | | | | 3 ppp |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |
| | Rhizoctonia | QUINTOZONE, TOLCLOFOS METHYL |



- PGR - Spray Daminozide at 1500 to 2500 ppm on young finished plants - Paclobutrazol drench application at 1 ppm for finishing if required for the more vigorous varieties
- Maintain good airflow and allow plants to dry before nightfall. Drench for protection against Rhizoctonia after transplant and again during finishing stage.
- Scout for Aphids & Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|---|----------------------------------|--|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not required | Daminozide as needed 1500 to 2500 ppm | Spray fungicide after transplant | |
| Week 6 to 12 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 200 ppm | Not required | Paclobutrazol Drench at 1 ppm if needed | | Paclobutrazol 1 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

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TIMELESS™ COLLECTION

BIDENS™

Bidens ferulifolia



Israel, 2022



Konklin, 2022



Israel, 2022



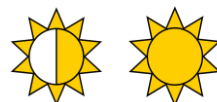
For additional technical growing information:

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FRESCO™

Brachyscome angustifolia

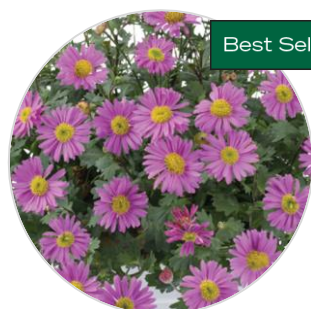


- Large flowers
- Perfect for combinations
- Easy in propagation
- Mounded habit is well suited for hanging baskets and window boxes

FRESCO™ Bright Pink

EU & ROW
ONLY

More varieties in the FRESCO™ series:



Best Seller

FRESCO™
Candy



FRESCO™
Purple

For additional technical growing information:

FRESCO™ [CLICK HERE](#)



FRESCO™

Brachyscome angustifolia



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(8 - 10")
20 - 25 cm



Height

(6 - 8")
15 - 20 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|---------------------------------------|----------|---------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° (18° C) | | Weeks 3-5 75 to 100 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



High light and warm temperatures will maintain a good proportion of flowers to foliage. Maintain lower EC levels for best growth and flower size since higher EC will hinder plant quality.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.6 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.6 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | 750 ppm Daminozide | Second fungicide app | |
| Week 3 | 5.6 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.6 to 6.2 | .90 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

FRESCO™ [CLICK HERE](#)



FRESCO™

Brachyscome angustifolia



FINISHING TIPS

- Pinch week 3 in the liner or at transplant
- Monitor EC levels so they are not elevated
- Do not over irrigate early in plant finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|----------------------------|
| 6 to 8 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | Pinch No lighting required for flowering | 100 - 150 ppm N | In liner and finish stages |
| 8 to 10 wks (15 cm) 6 ½" | Weeks 3 – 5 61° - 68° (16° - 20° C) | | Soil EC 0.8 - 1.0 pH 5.6 to 6.2 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|----------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Avoid covering plant meristem at transplant
- Additional Iron (Fe) or Manganese (Mn) may be required, depending on water quality
- PGR - Spray Daminozide at 750 to 2000 ppm on young & finished plants
- Maintain good airflow and allow plants to dry before nightfall

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|----------------------|----------------------------------|----------|
| Week 5 Transplant | 5.6 to 6.2 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide as needed | Spray fungicide after transplant | |
| Week 5 to 13 | 5.6 to 6.2 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | | | |

For additional technical growing information:

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FRESCO™

Brachyscome angustifolia



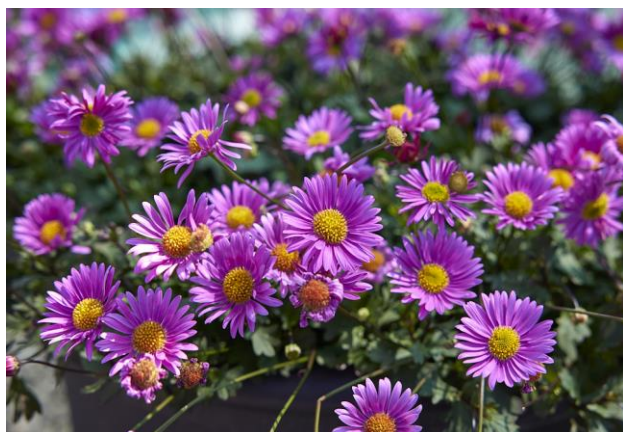
LVG Bad Zwischenahn, 2022



Israel, 2021



Israel, 2019



Flower trials 2022



Flower trials 2022

For additional technical growing information:

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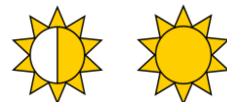


CHEERS™

Calendula hybrida



CHEERS™ Tangerine Imp.



- Large flowered varieties
- Both heat and cold tolerant
- Flowers are edible
- Mature Height and Width is 10" X 16" (25cm x 40cm)



CHEERS™ Yellow Imp.

For additional technical growing information:

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CHEERS™

Calendula hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(13 - 16")
32 - 40 cm



Height

(10 - 14")
25 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|---------------------------------------|----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68°-70 (20° - 21° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible. As soon as possible, Reduce mist heading into evening conditions to reduce disease pressures.



Application of K-IBA can hasten rooting. Daminozide at 1200 ppm day of sticking.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------------|----------------------|----------|
| Week 1 | 5.7 / 6.3 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Daminozide day of sticking | Day of sticking | |
| Week 2 | 5.7 to 6.3 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.7 to 6.3 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.7 to 6.3 | 1.0 to 1.2 | 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 5 | 5.7 to 6.3 | 1.0 to 1.2 | 68 F (20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

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CHEERS™

Calendula hybrida



FINISHING TIPS

- Pinch is not required
- Cool temperature finishing 50° to 55° F (10° to 13° C) nights for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|---|
| 7 to 8 wks (12 cm) 5" pot | Average Day 60° - 65° (15° - 18° C) | No pinch necessary | 150 - 200 ppm N | Daminozide at 2,000 to 2,500 ppm spray applications |
| 8 to 9 wks (15 cm) 6 ½" | 60° - 65° (15° - 18° C) | No lighting necessary | Soil EC 1.0 - 1.5 pH 5.7 to 6.3 | |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- Scout for Aphids and Thrips on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|-------------------------------|----------------------------------|--|
| Week 6 Transplant | 5.7 to 6.3 | 1.0 to 1.2 | 60 to 65 F (15 to 18 C) | feed 100 to 150 ppm | Day Neutral | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.7 to 6.3 | 1.0 to 1.5 | 60 to 65 F (15 to 18 C) | feed 150 to 200 ppm | Not Required | Paclobutrazol Drench at 1 ppm | | Paclobutrazol 1 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

CHEERS™ [CLICK HERE](#)



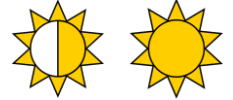
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COLIBRI™

Calibrachoa hybrida



COLIBRI™ Spark Purple



- Early flowering, compact habit
- Requires very little PGR
- Perfect for small pot production and tidy baskets
- **Tested and selected for pH sensitivity**
- Blooms in a 10 hour day
- Mature height and width is 10 inches x 12 inches (25cm x 30cm)

More varieties in the COLIBRI™ series:



**COLIBRI™
Tangerine**



**COLIBRI™
Pure White**



**COLIBRI™
Abstract Guava**



**COLIBRI™
Pink Bling**



**COLIBRI™
Purple Bling**



**COLIBRI™
Dark Lavender**



**COLIBRI™
Exotic Red Bling**



**COLIBRI™
Cherry Lace**



**COLIBRI™
Fuchsia**



**COLIBRI™
Lemon**



**COLIBRI™
Malibu Pink**



**COLIBRI™
Orange**



**COLIBRI™
Pink Flamingo**



**COLIBRI™
Mellow Yellow**



**COLIBRI™
Pink Lace**



**COLIBRI™
Plum**



**COLIBRI™
Purple Lace**



**COLIBRI™
Yellow Canary**



**COLIBRI™
Sunset**



**COLIBRI™
Bright Red**



**COLIBRI™
Blizzard**

For additional technical growing information:

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COLIBRI™

Calibrachoa hybrida



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10 - 12")
25 - 30 cm



Height

(10 - 12")
25 - 30 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Application of K-IBA can hasten rooting. Light in propagation for optimal growth and to hasten crop time. Daminozide at 1200 ppm day of sticking.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|----------|---|----------------------|----------------------|
| Week 1 | 5.2 / 5.8 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Day of sticking 1200 ppm Daminozide | Day of sticking | Feeding through Mist |
| Week 2 | 5.2 to 5.8 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.2 to 5.8 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 5 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | Optional | Daminozide as needed | | |

For additional technical growing information:

COLIBRI™ [CLICK HERE](#)



COLIBRI™

Calibrachoa hybrida




FINISHING TIPS

- Pinch is optional
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | Weeks 3 – 5 65° - 68° (18° - 20° C) | No lighting necessary | Soil EC 1.0 - 1.2 pH 5.5 to 6.0 | |
| 8 to 10 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 10 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |

-  Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- Scout for Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|-------------------------------|----------------------------------|--|
| Week 6 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 ppm | | Paclobutrazol 1 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

COLIBRI™ [CLICK HERE](#)



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COLIBRI™

Calibrachoa hybrida



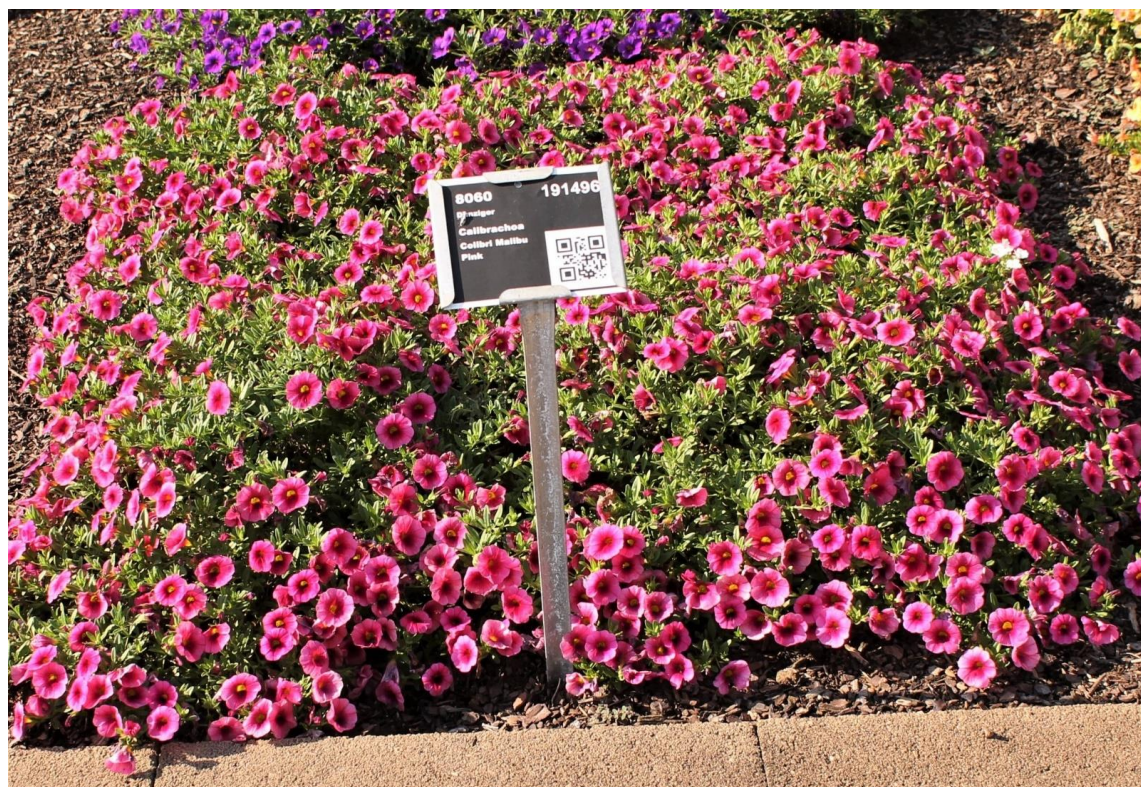
COLIBRI™ Malibu Pink - Photos from trials across North America 2020



Youngs Plant Farm (AL)



Head Start Nursery (CA)



Metrolina Greenhouses (NC)

For additional technical growing information:

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COLIBRI™

Calibrachoa hybrida



Sawaya Trial Waterford 2022



For additional technical growing information:

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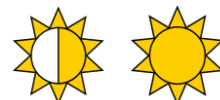
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EYECONIC™

Calibrachoa hybrida



EYECONIC™ Orange



- Selected for eye type color pattern on large blooms
- Makes a showy basket and works well in combinations
- Flowers in a 10-hour day
- **Tested for pH sensitivity**
- Mature Height and Width is 12" X 14" (30cm x 36cm)

More varieties in the EYECONIC™ series:



EYECONIC™
Cherry Blossom Imp.



EYECONIC™
Pink



EYECONIC™
Strawberry



EYECONIC™
Apricot



EYECONIC™
Peach



EYECONIC™
Compact Sunset



EYECONIC™
Purple

For additional technical growing information:

EYECONIC™ [CLICK HERE](#)



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EYECONIC™

Calibrachoa hybrida



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time



Width



Height

Spring / Summer
Flowering

(12 - 14")
30 - 36 cm

(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Application of K-IBA can hasten rooting. Light in propagation for optimal growth and to hasten crop time. Daminozide at 1200 to 1500 ppm day of sticking. Daminozide plus Uniconazole-P tank mix week 3 to control stretch if needed.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.2 / 5.8 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.2 to 5.8 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.2 to 5.8 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 5 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

EYECONIC™ [CLICK HERE](#)



EYECONIC™

Calibrachoa hybrida



FINISHING TIPS

- Pinch is optional
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | No pinch necessary | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | 65° - 68° (18° - 20° C) | No lighting necessary | Soil EC 1.0 - 1.2 pH 5.5 to 6.0 | |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 9 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- Scout for Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 6 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 f (18 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

EYECONIC™ [CLICK HERE](#)



EYECONIC™

Calibrachoa hybrida



Konklin, 2022



Sawaya Waterford, 2022



Konklin, 2022



MYP, 2022



For additional technical growing information:

EYECONIC™ [CLICK HERE](#)

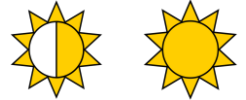


LIA™

Calibrachoa hybrida



LIA™ Spark Lavender



- Selected for basket production
- Blooms in a 10 hour day
- **Tested for pH sensitivity**
- Mature height and width 12 inches x 14 inches (30cm x 36cm)



LIA™ Chili Pepper

The LIA™ series:



LIA™ Abstract Lemon Cherry



LIA™ Sky Blue



LIA™ Violet



LIA™ Spark Pink



LIA™ Blue



LIA™ Bubblegum



LIA™ Dark Red



LIA™ Glaze



LIA™ Melon



LIA™ Abstract Pink



LIA™ Cranberry



LIA™ Yellow Imp.

EU & ROW
ONLY

For additional technical growing information:

LIA™ [CLICK HERE](#)



 **DANZIGER**

www.danzigeronline.com |   

LIA™

Calibrachoa hybrida



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 14")
30 - 36 cm



Height

(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Application of K-IBA can hasten rooting. Light in propagation for optimal growth and to hasten crop time. Daminozide at 1200 to 1500 ppm day of sticking. Daminozide plus Uniconazole-P tank mix week 3 to control stretch if needed.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|----------|----------------------|----------------------|----------------------|
| Week 1 | 5.2 / 5.8 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | Feeding through Mist |
| Week 2 | 5.2 to 5.8 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.2 to 5.8 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 5 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | Optional | Daminozide as needed | Week 5 | |

For additional technical growing information:

LIA™ [CLICK HERE](#)



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FINISHING TIPS

- Pinch is optional
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | Weeks 3 – 5 65° - 68° (18° - 20° C) | No lighting necessary | Soil EC 1.0 - 1.2 pH 5.5 to 6.0 | |
| 8 to 9 wks (20 cm) 8" | | | | |
| 8 to 9 wks (25 cm) 10" | 8 to 9 wks 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|----------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |

- ! Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- Scout for Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|-------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 6 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 13 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

LIA™ [CLICK HERE](#)



LIA™

Calibrachoa hybrida



Sawaya Waterford 2022



For additional technical growing information:

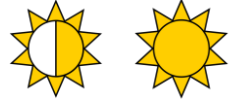
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OMBRE™

Calibrachoa hybrida



OMBRE™ Bahama

- A range of colors on each plant
- Medium Vigor and a controlled semi-trailing habit
- Blooms early enough for any market
- **Tested for pH sensitivity**
- Mature height and width 12 inches x 14 inches (30cm x 36cm)

More varieties in the OMBRE™ series:



OMBRE™ Purple



OMBRE™ Blue



OMBRE™ Pink



OMBRE™ Yellow



OMBRE™ Sunrise

For additional technical growing information:

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OMBRE™

Calibrachoa hybrida



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 14")
30 - 36 cm



Height

(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Application of K-IBA can hasten rooting. Light in propagation for optimal growth and to hasten crop time. Daminozide at 1200 to 1500 ppm day of sticking. Daminozide plus Uniconazole-P tank mix week 3 to control stretch if needed.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|----------|----------------------|----------------------|----------------------|
| Week 1 | 5.2 / 5.8 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | Feeding through Mist |
| Week 2 | 5.2 to 5.8 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.2 to 5.8 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 5 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | Optional | Daminozide as needed | | |

For additional technical growing information:

OMBRE™ [CLICK HERE](#)



OMBRE™

Calibrachoa hybrida




FINISHING TIPS

- Pinch is optional
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | No pinch necessary | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | 65° - 68° (18° - 20° C) | No lighting necessary | Soil EC 1.0 - 1.2 pH 5.5 to 6.0 | |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 9 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |

-  Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- Scout for Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 6 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

OMBRE™ [CLICK HERE](#)



OMBRE™

Calibrachoa hybrida



OMBRE™ Pink - Photos from trials across North America 2020



Mast Young Plants (MI)



Head Start Nursery (CA)



Metrolina Greenhouses (NC)

For additional technical growing information:

OMBRE™ [CLICK HERE](#)



OMBRE™

Calibrachoa hybrida



OMBRE™ Blue - Photos from trials across North America 2020



Mast Young Plants (MI)



Head Start Nursery (CA)



Metrolina Greenhouses (NC)

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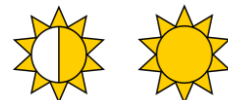
Cleome hybrida



CLIO™ Pink Lady Imp.



CLIO™ Magenta



- Seed sterile
- Summer performer with continuous flowering
- Ideal garden product
- Mature height and width is 60 cm x 42 cm (24 x 16 inches)

For additional technical growing information:

[CLIO™ CLICK HERE](#)



 **DANZIGER**

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CLIO™

Cleome hybrida



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
32 - 42 cm
(13 - 16")



Height
50 - 60 cm
(20 - 24")

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 21° - 22°C (70°-72° F) | Suggested | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 18° - 20° C (65° - 68° F) | | Weeks 3-5 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification – Spray with adjuvant the day of sticking/Remove from mist as soon as possible.



Evenly moist soil is best for rooting. Daminozide at 1500 to 2500 ppm week 4. Pinch at transplant.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|--------------|----------------------|----------------------|-------------------|
| Week 1 | 5.6 / 6.0 | 0.80 | 70 / 71 F (21 / 22 C) | 50 ppm N in mist | Not required | | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 70 / 71 F (21 / 22 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .80 to .90 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.8 to 6.2 | .80 to .90 | 68 to 70 F (20 to 21 C) | Feed 100 to 150 ppm | | Daminozide as needed | | |
| Week 5 | 5.8 to 6.2 | .80 to .90 | 65 to 68 F (18 to 20 C) | Feed 100 to 150 ppm | | Daminozide as needed | | Pinch recommended |

For additional technical growing information:

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Cleome hybrida



FINISHING TIPS

- Maintain soil evenly moist
- High light levels best for finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|----------------------------|-------------|-------------------------------------|------------------------------------|--|
| 6 to 7 wks | Average Day | Pinch – Suggested day of transplant | 100 - 150 ppm N | Daminozide spray application @ 2000 – 3750 ppm |
| 12 cm (Quart) | (18°C) | | | |
| 8 to 10 wks | | | Soil EC 0.8 - 1.0 pH 5.8 to 6.2 | |
| 15 cm (1 gallon) | | | | |

| | | Recommended Chemicals |
|----------|--------------|--|
| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide at 2000 to 3750 ppm on finished plants early in crop schedule
- Maintain good airflow and allow plants to dry before nightfall. The foliage is susceptible to Oedema.
- Scout for Aphids, Mites, Thrips and Whitefly
- Drench after transplant for Botrytis and Pythium / Phytophthora. Scout for Powdery Mildew

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|-------------------|------------|------------|----------------------------|---------------------|-------|---|-----------------------------------|-----------------------------------|
| Week 6 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65° to 68° F (18° to 20°C) | feed 100 to 150 ppm | | Daminozide as needed | Drench fungicide after transplant | Control of Pythium & Phytophthora |
| Week 6 to 14 | 5.8 to 6.2 | 1.2 to 1.5 | 61° to 65° F (16° to 18°C) | feed 150 to 200 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size | | |

For additional technical growing information:

CLIO™ [CLICK HERE](#)



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TERRA NOVA™ & WILDFIRE™ Series

Coleus



TERRA NOVA® Allspice

TERRA NOVA
NURSERIES, INC.



- Suited for finishing in quarts to gallon containers
- Broad range of varieties offered through Danziger Guatemala
- Mature height and width is 14 inches x 10 inches (36cm x 25cm)

More varieties in the TERRA NOVA® series:



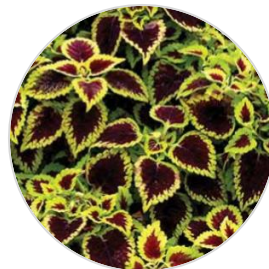
TERRA NOVA®
Lavish Lime



TERRA NOVA®
Marrakesh

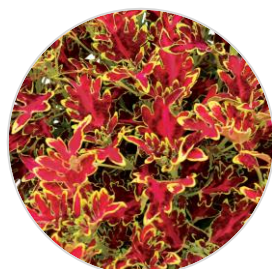


TERRA NOVA®
Scarlet Ibis



NOVA®
Roly-Poly

More varieties in the WILDFIRE® series:



WILDFIRE®
Blaze



WILDFIRE®
Smoky Rose

For additional technical growing information:

TERRA NOVA® [CLICK HERE](#)

WILDFIRE® [CLICK HERE](#)



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TERRA NOVA™ & WILDFIRE™ Series

Coleus



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(10 - 24")
25 - 60 cm



Height
(10 - 12")
25 - 30 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|---------------------------------------|----------|---------------------|--|
| 4 weeks | Weeks 1 - 2 68°-70° F (20° - 21°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 68° (20° C) | | Weeks 3-5 100 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Drying of cuttings will delay rooting, maintain uniform moisture levels. Extremely high light conditions will damage leaves during propagation, possibly opening the plant to Botrytis.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|---------------------|-------|-----|----------------------|----------|
| Week 1 | 5.8 / 6.8 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.8 to 6.8 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.8 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm N | | | | |
| Week 4 | 5.8 to 6.8 | 0.9 to 1.0 | 68 F (20 C) | feed 100 ppm N | | | | |

For additional technical growing information:

TERRA NOVA® [CLICK HERE](#)

WILDFIRE® [CLICK HERE](#)



TERRA NOVA™ & WILDFIRE™ Series

Coleus



FINISHING TIPS

- Maintain even moisture levels
- Medium light levels are ideal for finishing

| Average Time (from liners) | Temperature | Pinch/Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|------------------------------|-------------------------------------|--|
| 5 to 6 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch should be required | 100 - 150 ppm N | Daminozide at 2,000 to 2,500 ppm early in finishing schedule |
| 6 to 8 wks | | | Soil EC 0.8 to 1.0 pH 5.8 to 6.8 | |
| (15 cm) 6 ½" | | | | |

| | | Recommended Chemicals |
|-----------------|--------------|--|
| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Plant growth is based on moisture levels, temperatures and feed rates. Lower temperatures, lower soil moisture levels and lower feed rates will slow growth and finish a more compact plant.
- Drench fungicide to prevent Rhizoctonia and other water mold diseases - Maintain good airflow and allow plants to dry before nightfall
- Scout for Whitefly, Thrips and Mealybug

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|------------------------|---------------------|--------------|----------------------------------|----------------------------------|--|
| Week 5 Transplant | 5.7 to 6.3 | 0.8 to 1.0 | 65 to 68 F (18 - 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide at 2,000 to 2,500 ppm | Spray fungicide after transplant | |
| Week 5 to 12 | 5.8 to 6.8 | 0.8 to 1.0 | 65 to 68 F (18 - 20 C) | feed 100 to 150 ppm | Not Required | | | Paclobutrazol 1 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

TERRA NOVA® [CLICK HERE](#)

WILDFIRE® [CLICK HERE](#)



GOLF™

Craspedia sp.



- Improved vigor and rooting make this plant a good fit for programs in any market
- Unique bright yellow, ball shaped blooms grab attention at retail
- Works well as an upright element in a combination
- Mature height and width is 16" x 10" (41cm X 25cm)

GOLF™
Beauty Improved

For additional technical growing information:

GOLF™ [CLICK HERE](#)



GOLF™

Craspedia sp.



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories
- Don't store (cuttings and plugs in cold store)



Flowering time

Spring / Summer
Flowering



Width

(10 - 12")
25 - 30 cm



Height

(14 - 18")
36 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-----------|----------------------------|--|
| 5 / 6 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Suggested | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 – 5/6 66° - 68° (19° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Spray fungicide to control Botrytis and bacteria Week 2 |



Irrigation specification - Remove from mist as soon as possible (day 2 or 3).



Dip cut ends of cuttings in rooting hormone prior to sticking or Spray application of K-IBA- This will enable more uniform rooting.

Daminozide at 1200 to 1500 ppm day of sticking. Pinch plants when they begin to elongate to create branching at base of plant.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|----------|----------------------|----------------------|---|
| Week 1 | 5.8 / 6.4 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Optional | | Day of sticking | Additional lighting will hasten flowering |
| Week 2 | 5.8 to 6.4 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Optional | | Second fungicide app | Fungicide to control Botrytis! |
| Week 3 | 5.8 to 6.4 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | Optional | Daminozide as needed | | |
| Week 4 | 5.8 to 6.4 | 1.0 to 1.2 | 65 to 68 F (18 / 20 C) | Feed 100 ppm to 150 ppm | Optional | Daminozide as needed | | |
| Week 5 | 5.8 to 6.4 | 1.0 to 1.2 | 65 to 68 F (18 / 20 C) | Feed 100 ppm to 150 ppm | Optional | Daminozide as needed | | |

For additional technical growing information:

GOLF™ [CLICK HERE](#)



GOLF™

Craspedia sp.



FINISHING TIPS

- Pinch week 3 in liner or at transplant
- Plant liners below new soil to support plants at maturity

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|----------------------------|
| 8 to 9 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | Pinch –Yes Additional lighting not required | 100 - 150 ppm N | In liner and finish stages |
| 8 to 10 wks (15 cm) 6 ½" | 65° - 68° (18° - 20° C) | | Soil EC 1.0 - 1.2 pH 5.8 to 6.4 | |
| | | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|----------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide at 2000 to 2500 ppm for finishing plants
- Paclobutrazol drench application at 1 to 2 ppm for finishing if required
- Drench broad spectrum fungicide after transplant
- Scout for Aphids on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|------------------------------------|----------------------------------|---|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | B-9 as needed | Spray fungicide after transplant | |
| Week 6 to 14 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench if required |

For additional technical growing information:

GOLF™ [CLICK HERE](#)

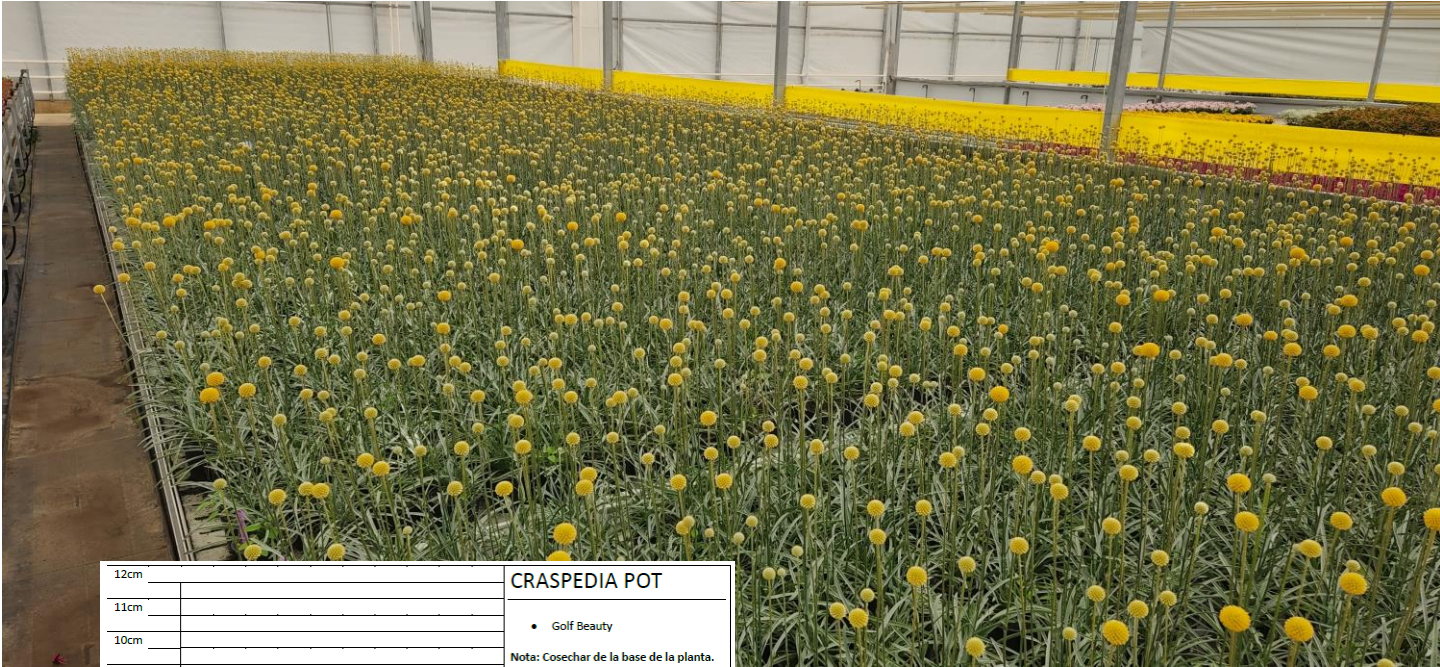



GOLF™

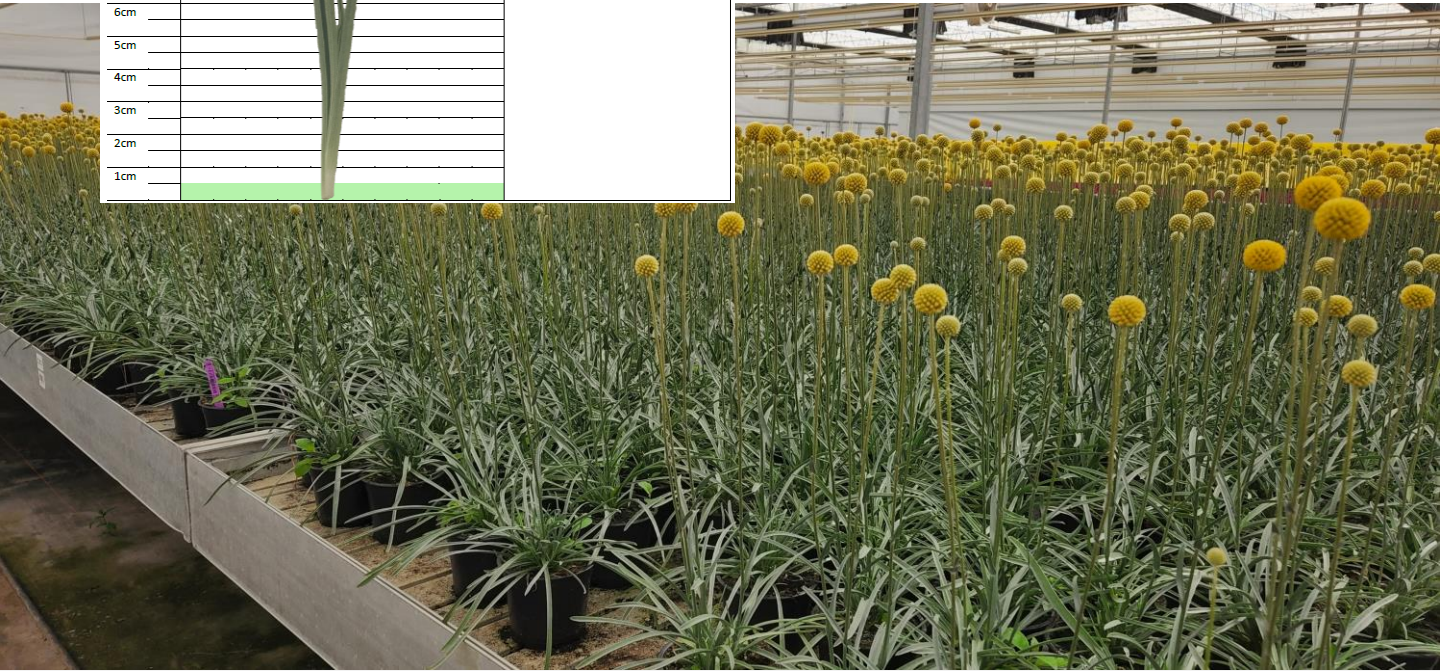
Craspedia sp.



Craspedia GOLF™ - Photos from commercial production at Europe, 2022



| | | |
|------|---|--|
| 12cm | | CRASPEDIA POT <ul style="list-style-type: none">• Golf Beauty <p>Nota: Cosechar de la base de la planta.</p> |
| 11cm | | |
| 10cm | | |
| 9cm | | |
| 8cm |  | |
| 7cm | | |
| 6cm | | |
| 5cm | | |
| 4cm | | |
| 3cm | | |
| 2cm | | |
| 1cm | | |



For additional technical growing information:

GOLF™ [CLICK HERE](#)

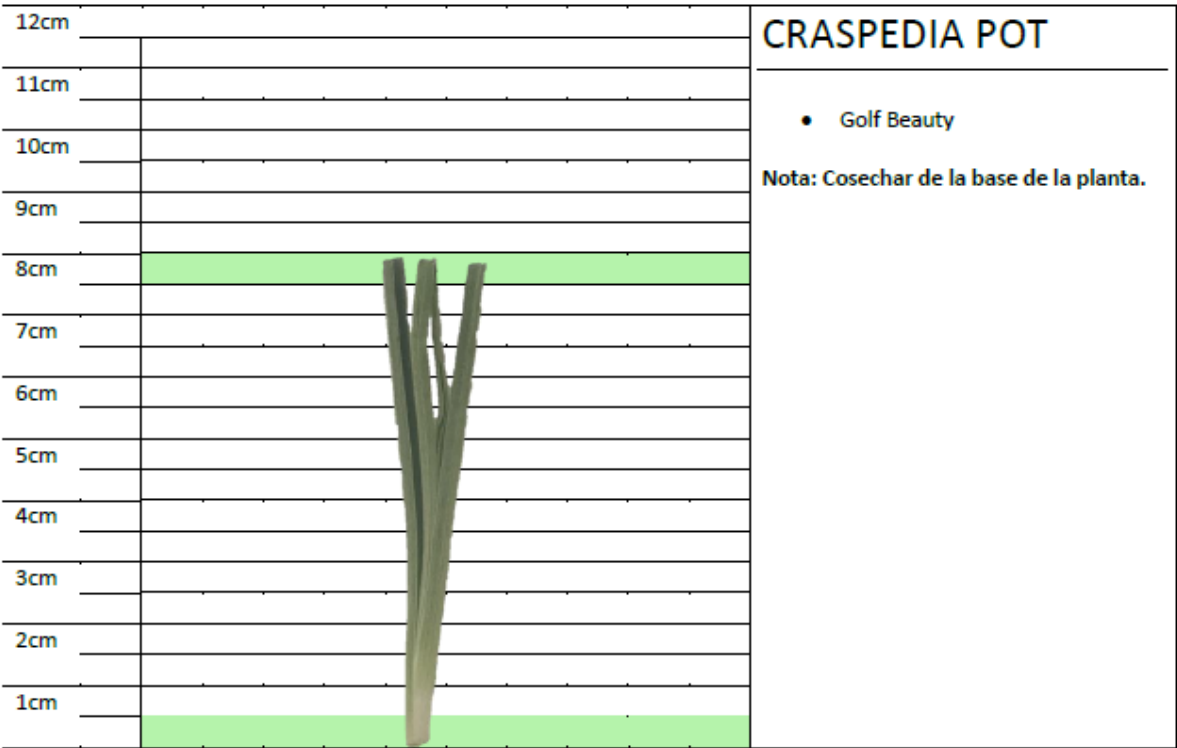


GOLF™

Craspedia sp.



Craspedia GOLF™ - Photos from commercial production at Europe, 2022



For additional technical growing information:

GOLF™ [CLICK HERE](#)

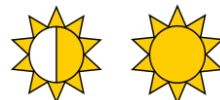


CUBANO™

Cuphea



CUBANO™ Blanca



- Blooms in the spring and throughout the summer
- Cuphea flowering is hastened by long days and warm temperatures
- Thrives in the heat
- Good garden performance
- Attracts pollinators

More varieties in the CUBANO™ series:



CUBANO™ Presidente
Cuphea hybrida



CUBANO™ Cristo
Cuphea hybrida



CUBANO™ Fuente
Cuphea ignea

EU & ROW
ONLY

For additional technical growing information:

CUBANO™ [CLICK HERE](#)



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CUBANO™

Cuphea



PROPAGATION TIPS

- Stick on priority – Number 4 out of 4 categories



Flowering time
**Spring / Summer
Flowering**



Width
**(12 - 16")
30 - 41 cm**



Height
**(10 - 12")
25 - 30 cm**

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Apply broad spectrum fungicide the day of sticking to control leaf disease. Proper air movement is required to control disease issues during propagation. Allow some drying of soil between irrigations in weeks 3 and 4.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.6 to 6.1 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.1 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.6 to 6.1 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

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CUBANO™

Cuphea



FINISHING TIPS

- Pinch is required, possibly two pinches for larger containers
- Cuphea flowering is hastened with warm temperatures and long days

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|---|
| 6 to 8 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch – Recommend ed | 150 - 200 ppm N | Daminozide at 2500 to 3750 ppm on more vigorous varieties |
| 7 to 9 wks (15 cm) 6 ½" | 1 ppm | Long days hastens flowering | Soil EC 1.0 - 1.2 pH 5.6 to 6.1 | |
| 7 to 10 wks | | | | Paclobutrazol 1 to 2 ppm drench to finish high quality plants |
| (20 cm) 8" | 3 ppm | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide at 1500 to 2500 ppm on young finished plants - Paclobutrazol drench application at 1 ppm for finishing if required for the more vigorous varieties
- Maintain good airflow and allow plants to dry before nightfall
- Not susceptible to Oedema

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|---------------------------------------|----------------------------------|---|
| Week 5 Transplant | 5.6 to 6.1 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not required | Daminozide as needed 1500 to 2500 ppm | Spray fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.1 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 200 ppm | Not required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench to finish high quality plants |

For additional technical growing information:

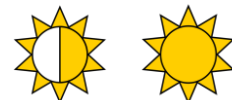
CUBANO™ [CLICK HERE](#)



CHÉRIE™

Dahlia variabilis

New
2025



- Large double blooms are available in both solids and bi-colors
- Works well 6"/gallon (15 cm) programs
- Series includes a uniform vigor, flower size and flower response
- Mature size is 10-14 inches height x 12-16 inches width (25-30 cm height x 30-41 cm width)

CHÉRIE™
Red Lace

More varieties in the Chérie™ series:



CHÉRIE™
Purple



CHÉRIE™
Radiant Rose



CHÉRIE™
Yellow



CHÉRIE™
Lemon



CHÉRIE™
Peach



CHÉRIE™
Pink Lace



CHÉRIE™
Pink Tutu



CHÉRIE™
Abstract Raspberry



CHÉRIE™
Red Flare



CHÉRIE™
Vintage Orange



CHÉRIE™
Vanilla



CHÉRIE™
White



CHÉRIE™
Red



CHÉRIE™
Deep Red



CHÉRIE™
Abstract Purple

For additional technical growing information:

CHÉRIE™ [CLICK HERE](#)



CHÉRIE™

Dahlia variabilis

New
2025



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 16")
30 - 41 cm



Height

(10 - 14")
25 - 35 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



- Apply broad spectrum fungicide the day of sticking to control leaf disease including control of Powdery Mildew
- Proper air movement is required to control disease issues during propagation
- Night interruption 10pm to 2am or day length extension of 24 hours day started day of sticking at least 10 foot candles , This must be done the full life of the liner/plug. 2 week longer for large pots 10 inch or larger.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------------------|-----------|----------------------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | | Day of sticking |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23) | 50 ppm N in mist | | | | Second fungicide app |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 65 / 68 F (18 / 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed at 1500 ppm | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 / 20 C) | feed 100 to 150 ppm | | | | |

For additional technical growing information:

CHÉRIE™ [CLICK HERE](#)



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CHÉRIE™

Dahlia variabilis

New
2025



FINISHING TIPS

- Pinch is required, possibly two pinches for larger containers
- Start 14 hour days after transplant – extended day

| Average Time (from liners) | Temperature | Pinch/Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|---|
| 6 to 8 wks (12 cm) 5" pot | Average Day 67° - 69° (19° - 22° C) | Long days required for uniform flowering | 150 - 200 ppm N | Daminozide as needed 750 ppm in two applications |
| 7 to 9 wks (15 cm) 6 ½" | 1 ppp | | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| 8 to 10 wks (18 cm) 7" | 1 ppp | | Extend the day to 14 hours | |
| | | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Spray to control Powdery Mildew after transplant
- PGR - Spray Daminozide at 750 ppm in 2 applications on young finished.
- Scout for Aphids, Thrips, Spider Mites and Leaf Minors

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|----------|--|----------------------------------|----------|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 67 to 69 F (19 to 20 C) | feed 100 to 150 ppm | Required | Daminozide as needed 750 ppm in two applications | Spray fungicide after transplant | |
| Week 6 to 10 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Required | | Include Powdery Mildew control | |

For additional technical growing information:

CHÉRIE™ [CLICK HERE](#)

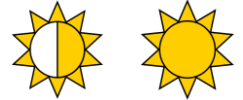


DARLIN'™

Dahlia variabilis



DARLIN'™
Radiant Peach



- Large double blooms are available in both solids and bi-colors
- Works well 6"/gallon (15 cm) programs
- Blooms spring to summer
- Mature size is 10-14 inches height x 12-16 inches width (25-30 cm height x 30-41 cm width)

More varieties in the DARLIN'™ series:



DARLIN'™
Perfect Red



DARLIN'™
Abstract Fuchsia



DARLIN'™
Orange Flare



DARLIN'™
Salmon



DARLIN'™
White



DARLIN'™
Vintage Rose



DARLIN'™
Radiant Pink



DARLIN'™
Ruby



DARLIN'™
Yellow



DARLIN'™
Burgundy Lace

For additional technical growing information:

[DARLIN'™ CLICK HERE](#)



DARLIN™

Dahlia variabilis



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(12 - 16")
30 - 41 cm



Height
(10 - 14")
25 - 35 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



- Apply broad spectrum fungicide the day of sticking to control leaf disease including control of Powdery Mildew
- Proper air movement is required to control disease issues during propagation
- Night interruption 10pm to 2am or day length extension of 24 hours day started day of sticking at least 10 foot candles, This must be done the full life of the liner/plug. 2 week longer for large pots 10 inch or larger.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------------------|----------------------|----------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 65 / 68 F (18 / 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed at 1500 ppm | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | | | |

For additional technical growing information:

DARLIN™ [CLICK HERE](#)



DARLIN™

Dahlia variabilis



FINISHING TIPS

- Pinch is required, possibly two pinches for larger containers
- Start 14 hour days after transplant – extended day

| Average Time (from liners) | Temperature | Pinch/Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|---|
| 6 to 8 wks (12 cm) 5" pot | Average Day 67° - 69° (19° - 22° C) | Long days required for uniform flowering | 150 - 200 ppm N | Daminozide as needed 750 ppm in two applications |
| 7 to 9 wks (15 cm) 6 ½" | 1 ppp | | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| 8 to 10 wks (18 cm) 7" | 1 ppp | | | |
| | | Extend the day to 14 hours | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Spray to control Powdery Mildew after transplant
- PGR - Spray Daminozide at 750 ppm in 2 applications on young finished
- Scout for Aphids, Thrips, Spider Mites and Leaf Minors

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|----------|--|----------------------------------|----------|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 67 to 69 F (19 to 20 C) | feed 100 to 150 ppm | Required | Daminozide as needed 750 ppm in two applications | Spray fungicide after transplant | |
| Week 6 to 10 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Required | | Include Powdery Mildew control | |

For additional technical growing information:

DARLIN™ [CLICK HERE](#)



TRINITY™

Diascia barberae



TRINITY™ Grace

- Large flowers and exceptional weather tolerance
- Holds blooms longer for an improved shelf life
- Grows into a small bush
- Mature Height and Width 12 inches X 14 inches (30cm x 36cm)



TRINITY™ Sunset

For additional technical growing information:

TRINITY™ [CLICK HERE](#)



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TRINITY™

Diascia barberae



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 14")
30 - 36 cm



Height

(14 - 16")
36 - 41 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 100 to 150 ppm N | Apply broad spectrum Week 2 |



Misting specification - Remove from mist as soon as possible
- Spray adjuvant at sticking



- Maintain warm temperatures allowing plants to develop.
- Spray Daminozide at 1500 to 2000 ppm
- Pinch is recommended week 4 or at transplant

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|--------------|----------------------|----------------------|----------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | 72 / 74 F (22 / 23 C) | Feed 100 ppm to 150 ppm | Not required | | | |
| Week 4 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 to 150 ppm | Not required | Daminozide as needed | | Pinch |
| Week 5 | 5.8 to 6.2 | 0.9 to 1.0 | 68 F (20 C) | Feed 100 to 150 ppm | Not required | Daminozide as needed | | |

For additional technical growing information:

TRINITY™ [CLICK HERE](#)



DANZIGER

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TRINITY™

Diascia barberae



FINISHING TIPS

- Pinch week 4 in liner or at transplant
- Plant liners above new soil – not to bury plant meristem

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|----------------------------|-------------------------|-------------------------------|------------------------------------|----------------------------|
| 8 to 9 wks | Average Day | Pinch –Yes | 100 - 150 ppm N | In liner and finish stages |
| (12 cm) 5” pot | 65° - 68° (18° - 20° C) | | | |
| 8 to 10 wks | 65° - 68° (18° - 20° C) | Day Neutral | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| (15 cm) 6 ½” | | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|----------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRADIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide at 2500 to 3750 ppm for finishing plants
- Paclobutrazol – Do no apply
- Spray broad spectrum fungicide after transplant
- Scout for Aphids and Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|-------------------|------------|------------|-------------------------|---------------------|-------|----------------------|----------------------------------|----------------------------|
| Week 6 Transplant | 5.8 to 6.2 | 0.9 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.8 to 6.2 | 0.9 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | | | Do not apply Paclobutrazol |

For additional technical growing information:

TRINITY™ [CLICK HERE](#)



 **DANZIGER**

www.danzigeronline.com |   

DIWALI SHOWER™

Euphorbia hypericifolia



DIWALI SHOWER™

- Mounded habit is perfectly suited as component plant in combination planters for hanging baskets and patio pots
- Tolerant of warm and dry conditions
- Mature height and width is 8 inches x 14 inches (20cm x 36cm)

For additional technical growing information:

DIWALI SHOWER™ [CLICK HERE](#)



DIWALI SHOWER™

Euphorbia hypericifolia



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(12 - 14")
30 - 36 cm



Height
(8 - 10")
20 - 25 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-------------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Recommended | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Spray fungicide to control Botrytis and bacteria Week 2 |



Irrigation specification – Spray adjuvant after sticking.



- Application of hormone as dip or K-IBA spray can hasten rooting
- Pinch is not recommended / very sensitive to ethephon applications
- Maintain moderate damp soil during rooting

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------------------|
| Week 1 | 5.6 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | Feeding through Mist |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

DIWALI SHOWER™ [CLICK HERE](#)



DIWALI SHOWER™

Euphorbia hypericifolia



FINISHING TIPS

- Pinch is not recommended
- Over wet soil in low light conditions can develop root disease issues
allow soil to dry between irrigations

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|----------------------------|-------------------------|-------------------------------|------------------------------------|------------------------|
| 6 to 7 wks | Average Day | Pinch not recommended | 150 - 200 ppm N | |
| (12 cm) 5" pot | 60° - 68° (16° - 20° C) | | | |
| 7 to 8 wks | 60° - 68° (16° - 20° C) | No lighting necessary | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| (15 cm) 6 ½" | | | | |
| 7 to 8 wks | | | | |
| (20 cm) 8" | 3 plants per container | | | |
| 7 to 8 wks | | | | |
| (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Consistent soil moisture levels are best – allow soil to dry slightly between irrigations
- Scout for Aphids, Thrips and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 6 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 13 | 5.8 to 6.2 | 1.0 to 1.2 | 60 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

DIWALI SHOWER™ [CLICK HERE](#)



FELICITY™

Felicia amelloides

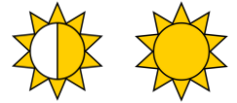


FELICITY™ Leading Lady

EU & ROW
ONLY



FELICITY™ Blue



- Flowers earlier than other market varieties and stays in bloom longer
- Sky blue color
- Controlled growth with a well branched habit

For additional technical growing information:

FELICITY™ [CLICK HERE](#)



FELICITY™

Felicia amelloides



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Early Spring / Summer
Flowering



Width

(10 - 12")
25 - 30 cm



Height

(10 - 14")
25 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 65° - 68° (18° - 20° C) | | Weeks 3-4 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Apply broad spectrum fungicide the day of sticking to control leaf disease.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------------|----------------------|----------------------|----------|
| Week 1 | 5.6 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | No required | | Day of sticking | |
| Week 2 | 5.6 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.2 | .90 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

FELICITY™ [CLICK HERE](#)



FELICITY™

Felicia amelloides



FINISHING TIPS

- Soil should remain evenly moist and do not run soil too wet during cooler growing conditions. Root system and foliage will develop problems under continuous wet soil conditions
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|--|
| 6 to 7 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | No Pinch Required | 100 - 200 ppm N | Daminozide spray application at 2500 to 3750 ppm for finishing |
| 7 to 8 wks (15 cm) 6 ½" | 1 ppp | Not Required Day Neutral | Soil EC 0.9 - 1.1 pH 5.6 to 6.2 | |
| 8 to 9 wks (20 cm) 8" | 3 ppp | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide at 2500 ppm on young finished plants -
- Maintain good airflow and allow plants to dry before nightfall
- Scout for Aphids, Thrips and Whitefly

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|-------------------------------|-----------------------------------|----------|
| Week 5 Transplant | 5.6 to 6.2 | 0.9 to 1.1 | 65 to 68 F (18 to 20 C) | feed 150 to 200 ppm | Not required | Daminozide as needed 2500 ppm | Drench fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.2 | 0.9 to 1.1 | 65 to 68 F (18 to 20 C) | feed 150 to 200 ppm | Not required | | | |

For additional technical growing information:

FELICITY™ [CLICK HERE](#)



CORABELLS™

Fuchsia hybrida



- Compact series of Fuchsia
- Early spring flowering ideal for filtered sun locations
- Mature height and width is 25 cm x 46 cm (10 x 18 inches)

CORABELLS™
Dark eyes

For additional technical growing information:

CORABELLS™ [CLICK HERE](#)



CORABELLS™

Fuchsia hybrida



PROPAGATION TIPS

- Stick on priority – Number 4 out of 4 categories



Flowering time

Early Spring / Spring
Flowering



Width

41 - 46 cm
(16 - 18")



Height

25 - 30 cm
(10 - 12")

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 21° - 22°C (70°-72° F) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 18° - 20° C (65° - 68° F) | | Weeks 3-5 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification – Remove from mist as soon as root emerges



Spray adjuvant the day of sticking. Spray broad spectrum fungicide to prevent Botrytis day of sticking and week 2.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|---------------------|-------|------------------------|----------------------|----------|
| Week 1 | 5.6 / 6.2 | 0.80 | 71 / 72 F (21 / 22 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.6 to 6.2 | .80 to .90 | 71 / 72 F (21 / 22 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.5 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm N | | | | |
| Week 4 | 5.8 to 6.5 | .90 to 1.0 | 64 to 68 F (18 to 20 C) | Feed 100 ppm N | | | | |
| Week 5 | 5.8 to 6.5 | .90 to 1.0 | 64 to 68 F (18 to 20 C) | Feed 100 to 150 ppm | | Should not be required | | |

For additional technical growing information:

CORABELLS™ [CLICK HERE](#)



DANZIGER

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CORABELLS™

Fuchsia hybrida



FINISHING TIPS

- Pinch at transplant
- Naturally compact plant habit
- Scout for Aphids and Thrips

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|----------------------------|------------------------|---|-------------------|------------------------|
| 7 to 8 wks | Average Day | Pinch required/ possible a second pinch if grown in larger containers | 150 - 200 ppm N | Should not be required |
| 15 cm (1 gallon) | (16° to 18°C) | | | |
| 8 to 10 wks | 3 plants per container | | Soil EC 0.8 – 1.2 | |
| 28 cm (HB) | | | pH 5.8 to 6.5 | |

| | | Recommended Chemicals |
|----------|--------------|--|
| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Maintain good airflow and allow plants to dry between irrigations
- High quality plants are grown with moderate/cool temperatures and high light
- Drench after transplant for Rhizoctonia and Pythium / Phytophthora

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|-------------------|------------|------------|----------------------------|---------------------|-------|-----|--|-----------------------------------|
| Week 6 Transplant | 5.8 to 6.2 | 0.8 to 1.0 | 64° to 68° F (18 to 20 °C) | feed 100 to 150 ppm | | | Drench fungicide after transplant | Control of Pythium & Phytophthora |
| Week 6 to 13 | 5.8 to 6.2 | 0.8 to 1.2 | 61° to 64° F (16° to 18°C) | feed 150 to 200 ppm | | | Spray fungicide in finishing protocols | Control of Bacterial Leaf Blights |

For additional technical growing information:

CORABELLS™ [CLICK HERE](#)



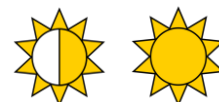
SOL SEEKER™

Helianthus hybrid

New
2025



**SOL SEEKER™
Bronze Burst**



- Compact plant habit
- Reduced PGR application required
- Mature Height & Width
- Sol Seeker Bee Yellow – 36” (91 cm) by 36” (91 cm)
- Sol Seeker Golden Nectar – 36” (91 cm) by 40” (102 cm)
- Sol Seeker Honey – 40” (102 cm) by 30” (76 cm)
- Sol Seeker Bronze Burst – 43” (110 cm) by 36” (91 cm)

More varieties in the SOL SEEKER™ series:



**SOL SEEKER™
Bee Yellow**



**SOL SEEKER™
Golden Nectar**



**SOL SEEKER™
Honey**

For additional technical growing information:

SOL SEEKER™ [CLICK HERE](#)



SOL SEEKER™

Helianthus hybrid



New
2025

PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time



Width



Height

Spring / Summer
Flowering

(30 - 40")
76 - 102 cm

(36 - 43")
91 - 110 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|---------------------------------------|----------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68°-70 (20° - 21° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist heading into evening conditions to reduce disease pressures. Spray broad spectrum fungicide application day after sticking and at week 3 (include for control of Powdery Mildew)



Application of K-IBA can hasten rooting. Daminozide at 1200 ppm week 4 or just before transplant

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|---------------------|------------|----------------------|----------------------|---------------------------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Extend Day | | Day of sticking | Extend day to 12-14 hours |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Extend Day | | | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 to 150 ppm | Extend Day | | Second fungicide app | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 to 150 ppm | Extend Day | Daminozide as needed | | Pinch at transplant |

For additional technical growing information:

SOL SEEKER™ [CLICK HERE](#)



SOL SEEKER™

Helianthus hybrid

New
2025



FINISHING TIPS

- Pinch at transplant or week after transplant
- Keep night temperatures above 65° F (18° C). Lower temperatures will stall plant growth but flower development will continue.
- Longer daylength and warm temperatures will hasten growth development

| Average Time (from liners) | Temperature | Pinch/Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--------------------------------------|--|------------------------------------|---|
| 6 to 8 wks (12 cm) 5" pot | Average Day 65° (18° C) | Extended day lighting 12 to 14 hours if day length is below 12 hours | 150 - 200 ppm N | Daminozide at 2,000 to 2,500 ppm spray applications |
| 8 to 9 wks (15 cm) 6 ½" | 65° (18° C) 1 plant per container | | Soil EC 1.0 - 1.5 pH 5.7 to 6.3 | |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Spray for Powdery Mildew control
- Temperature is key to maintain proper growth. Temperatures above 65° F (18° C) is required
- Daylength extension to 12-14 hours if under short day conditions
- Scout for Aphids and Thrips on regular basis
- Paclobutrazol soil drench is effective if needed at 1 to 2ppm for finishing

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------|---------------------|-----------|-------------------------------|----------------------------------|--|
| Week 6 Transplant | 5.7 to 6.3 | 1.0 to 1.2 | 65 F (18 C) | feed 100 to 150 ppm | See above | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 13 | 5.7 to 6.3 | 1.0 to 1.5 | 65 F (18 C) | feed 150 to 200 ppm | | Paclobutrazol Drench at 1 ppm | | Paclobutrazol 1 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

SOL SEEKER™ [CLICK HERE](#)



MUSICA®

Impatiens walleriana



**MUSICA©
Pink Aroma**



- Spectacular double flowers in a wide range of colors
- Uniform compact growth habit across the series
- Naturally branched so no pinch necessary
- Great in 12 cm/quarts up to hanging baskets
- Mature height and width is 13" x 18" (33 cm x 46 cm)

More varieties in the MUSICA© series:



**MUSICA©
Lavender**



**MUSICA©
Bicolor Red**



**MUSICA©
Elegant Red**



**MUSICA©
Bicolor Pink**



**MUSICA©
Electric Purple**

For additional technical growing information:

[MUSICA© CLICK HERE](#)



MUSICA®

Impatiens walleriana



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(15 - 20")
35 - 45 cm



Height

(10 - 15")
25 - 35 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|--------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 68° - 70° (20° - 21° C) | | Weeks 3-5 80 ppm N | Apply broad spectrum Week 2 |



- Spray adjuvant at sticking. Remove from mist as soon as possible



- Shade will be required for later spring/summer production
- Maintain warm temperatures allowing plants to develop
- Average daily temperature of 70 F
- Spray fungicide to control botrytis

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|------------------|-------|------------------------|----------------------|----------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .80 to .90 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm N | | | | |
| Week 4 | 5.8 to 6.2 | .80 to .90 | 68 to 70 F (20 to 21 C) | Feed 100 ppm N | | Should not be required | | |

For additional technical growing information:

MUSICA© [CLICK HERE](#)



MUSICA®

Impatiens walleriana



FINISHING TIPS

- Shade will be required for later spring/summer production
- Maintain a low EC level for proper growth and sizing of plant
- Transplant liners when plants are rooted and actively growing

| Average Time (from liners) | Temperature | Pinch/Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--------------------------------|------------------------------------|--|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° - 70° (20° - 21° C) | Pinch –No Daylength Neutral | 100 - 125 ppm N | Paclobutrazol at 0.5 ppm drench within 3 weeks of finishing. Allowing soil to dry between irrigations and modest fertility will keep plants more compact |
| 8 to 9 wks (15 cm) 6 ½" | 68° - 70° (20° - 21° C) | | Soil EC 0.8 - 1.0 pH 5.8 to 6.2 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Spray broad spectrum fungicide after transplant
- Scout and spray for Powdery Mildew
- Scout for Aphids Leafminers and Thrips on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|-----------------------|-------------|---|--------------------------------|----------|
| Week 5 Transplant | 5.8 to 6.2 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 125 ppm N | Day neutral | Paclobutrazol at 0.5 ppm drench within 3 weeks of finishing | Drench fungicide at transplant | |
| Week 6 to 13 | 5.8 to 6.2 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 125 ppm N | | | | |

For additional technical growing information:

MUSICA© [CLICK HERE](#)



SOL LUNA™

Impatiens hybrid



SOL LUNA™ Orange

- Takes sun and shade equally well
- Consumer can plant anywhere for a tidy ball of bright color
- Compact well matched series, easy to grow and reliable in production
- Perfectly suited for premium pack and quart programs, will fill a 6" (15cm) pot beautifully
- Mature height and width is 12 inches x 18 inches (30c m x 46 cm)

More varieties in the SOL LUNA™ series:



SOL LUNA™ Red



SOL LUNA™ Ultra Violet



SOL LUNA™ Blush



SOL LUNA™ White



SOL LUNA™ Electric Pink



SOL LUNA™ Lilac



SOL LUNA™ Candy Apple



SOL LUNA™ Pink

For additional technical growing information:

[SOL LUNA™ CLICK HERE](#)



SOL LUNA™

Impatiens hybrid



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 14")
30 - 36 cm



Height

(12 - 18")
30 - 46 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|--------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 80 ppm N | Apply broad spectrum Week 2 |



- Spray adjuvant at sticking



- Spray Ethephon at 300 ppm the day after stick. This will reset flowering response. One hour of Ethephon on the leaves will be sufficient time while mist if off.
- Maintain warm temperatures allowing plants to develop and flower
- Average daily temperature of 70 F

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|-----------|------------|-----------------------|------------------|--------------|-----|----------------------|--------------------------|
| Week 1 | 6.0 / 6.5 | 0.50 | 72 / 74 F (22 / 23 C) | | Not required | | Day of sticking | |
| Week 2 | 6.0 / 6.5 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Second fungicide app | |
| Week 3 | 6.0 / 6.5 | .80 to .90 | 72 / 74 F (22 / 23 C) | 80 ppm N in mist | Not required | | | |
| Week 4 | 6.0 / 6.5 | .80 to .90 | 70 / 72 F (21 / 22 C) | 80 ppm N in mist | Not required | | | |
| Week 5 | 6.0 / 6.5 | .80 to .90 | 70 / 72 F (21 / 22 C) | 80 ppm N in mist | Not required | | | Pinch is not recommended |

For additional technical growing information:

SOL LUNA™ [CLICK HERE](#)



 **DANZIGER**

www.danzigeronline.com |   

SOL LUNA™

Impatiens hybrid



FINISHING TIPS

- Maintain a low EC level for proper growth and sizing of plant
- Transplant liners when plants are rooted and actively growing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|------------------------------------|------------------------------------|---|
| 7 to 8 wks (12 cm) 5" pot | Average Day 68° - 70° (20° - 21° C) | Pinch –No Daylength Neutral | 100 - 125 ppm N | If required, Uniconazole at 5 to 7 ppm spray application early in crop- Paclobutrazol at 0.5 ppm drench within 3 weeks of finishing |
| 8 to 9 wks (15 cm) 6 ½" | 68° - 70° (20° - 21° C) | | Soil EC 0.8 - 1.0 pH 6.0 to 6.5 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- **PGR** - Spray Uniconazole 5 to 7 ppm early in crop
Paclobutrazol drench application at 0.5 ppm for finishing
- **Spray** broad spectrum fungicide after transplant
- **Scout** for Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|---------------------------------|--------------------------------|---|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Uniconazole spray | Drench fungicide at transplant | |
| Week 6 to 13 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Paclobutrazol Drench at 0.5 ppm | | Allow plants to reach 85% of required size before PGR application |

For additional technical growing information:

SOL LUNA™ [CLICK HERE](#)



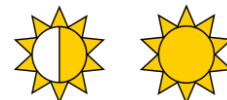
SOL LUNA PRIME™

New Guinea Impatiens

New
2025



SOL LUNA PRIME™ Peach



- Takes sun and shade equally well
- Consumer can plant anywhere for a tidy ball of bright color
- Compact well matched series, easy to grow and reliable in production
- Perfectly suited for premium pack and quart programs, will fill a 6" (15cm) pot beautifully
- Mature height and width is 12 inches x 18 inches (30c m x 46 cm)

More varieties in the SOL LUNA PRIME™ series:



SOL LUNA PRIME™ Pearl



SOL LUNA PRIME™ Orchid



SOL LUNA PRIME™ Light Salmon



SOL LUNA PRIME™ Red



SOL LUNA PRIME™ White

For additional technical growing information:

SOL LUNA PRIME™ [CLICK HERE](#)



SOL LUNA PRIME™

New Guinea Impatiens

New
2025



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 14")
30 - 36 cm



Height

(12 - 18")
30 - 46 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|--------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 80 ppm N | Apply broad spectrum Week 2 |



- Spray adjuvant at sticking



- Spray Ethephon at 300 ppm the day after stick. This will reset flowering response. One hour of Ethephon on the leaves will be sufficient time while mist if off.
- Maintain warm temperatures allowing plants to develop and flower
- Average daily temperature of 70 F

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|-----------|------------|-----------------------|------------------|--------------|-----|----------------------|--------------------------|
| Week 1 | 6.0 / 6.5 | 0.50 | 72 / 74 F (22 / 23 C) | | Not required | | Day of sticking | |
| Week 2 | 6.0 / 6.5 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Second fungicide app | |
| Week 3 | 6.0 / 6.5 | .80 to .90 | 72 / 74 F (22 / 23 C) | 80 ppm N in mist | Not required | | | |
| Week 4 | 6.0 / 6.5 | .80 to .90 | 70 / 72 F (21 / 22 C) | 80 ppm N in mist | Not required | | | |
| Week 5 | 6.0 / 6.5 | .80 to .90 | 70 / 72 F (21 / 22 C) | 80 ppm N in mist | Not required | | | Pinch is not recommended |

For additional technical growing information:

SOL LUNA PRIME™ [CLICK HERE](#)



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www.danzigeronline.com |   

SOL LUNA PRIME™

New Guinea Impatiens

New
2025



FINISHING TIPS

- Maintain a low EC level for proper growth and sizing of plant
- Transplant liners when plants are rooted and actively growing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---------------------------------------|------------------------------------|---|
| 7 to 8 wks (12 cm) 5" pot | Average Day 68° - 70° (20° - 21° C) | Pinch –No Daylength Neutral | 100 - 125 ppm N | If required, Uniconazole at 5 to 7 ppm spray application early in crop- Paclobutrazol at 0.5 ppm drench within 3 weeks of finishing |
| 8 to 9 wks (15 cm) 6 ½" | 68° - 70° (20° - 21° C) | | Soil EC 0.8 - 1.0 pH 6.0 to 6.5 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Uniconazole 5 to 7 ppm early in crop
Paclobutrazol drench application at 0.5 ppm for finishing
- Spray broad spectrum fungicide after transplant
- Scout for Thrip on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|---------------------------------|--------------------------------|---|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Uniconazole spray | Drench fungicide at transplant | |
| Week 6 to 13 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Paclobutrazol Drench at 0.5 ppm | | Allow plants to reach 85% of required size before PGR application |

For additional technical growing information:

SOL LUNA PRIME™ [CLICK HERE](#)



STARDOM™

Jamesbrittenia



**STARDOM™
White Fusion**

- Enhanced resistance to foliage disease
- Day neutral / benefits from long days
- Heat tolerant and continues flowering through the summer
- Perfect for combinations
- Mature height and width 8" x 12" (20cm x 30cm)



**STARDOM™
Goldstar**

For additional technical growing information:

STARDOM™ [CLICK HERE](#)



STARDOM™

Jamesbrittenia



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(6 - 8")
15 - 20 cm



Height
(10 - 14")
25 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|---------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 65° - 68° (18° - 20° C) | | Weeks 3-4 100 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible.
Mist enough to maintain turgid cuttings – keep on dry side.



Apply broad spectrum fungicide the day of sticking to control leaf disease.
Stardom may require Daminaozide in propagation @ 1500 -2000 ppm if grown warm and under low light.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.8 / 6.5 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.8 to 6.5 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.5 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm | | | | |
| Week 4 | 5.8 to 6.5 | .90 to 1.0 | 65 to 68 F (18 / 20 C) | Feed 100 ppm | | Daminozide as needed | | |

For additional technical growing information:

STARDOM™ [CLICK HERE](#)



STARDOM™

Jamesbrittenia



FINISHING TIPS

- Maintain consistent soil moisture –plants should not dry to severe wilt
- Cool temperature finishing for best quality and optimum flower color

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|---|
| 6 to 7 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch – Recommended | 100 - 200 ppm N | Daminozide at 1500 to 2500 ppm on more vigorous varieties |
| 7 to 8 wks (15 cm) 6 ½" | 1 ppp | Not Required – Day Neutral | Soil EC 0.8 - 1.0 pH 5.8 to 6.5 | Paclobutrazol Drench at 1 - 2 ppm to finish |
| 7 to 8 wks (20 cm) 8" | 3 ppp | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|----------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRADIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide at 1500 to 2500 ppm on young finished plants - Paclobutrazol drench application at 1 to 2 ppm for finishing if required for the more vigorous varieties
- Maintain good airflow and allow plants to dry before nightfall
- Scout for Aphids & Thrips on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|---------------------------------------|----------------------------------|--|
| Week 5 Transplant | 5.8 to 6.5 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not required | Daminozide as needed 1500 to 2500 ppm | Spray fungicide after transplant | |
| Week 6 to 12 | 5.8 to 6.5 | 0.8 to 1.0 | 65 to 68 F (19 to 20 C) | feed 100 to 200 ppm | Not required | Paclobutrazol Drench at 1 - 2 ppm | | Paclobutrazol 1 – 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

STARDOM™ [CLICK HERE](#)



GEM™ Compact

Lantana camara



**GEM™ Compact
Yellow Topaz**

- Gem™ Compact are ideal for southern regions with a naturally more compact plant habit
- Makes a bright ball of color that does not cycle out of bloom
- Perfect for heat tolerant/drought tolerant programs
- Mature height and width is 8 inches x 10 inches (20cm x 25cm)

More varieties in the GEM™ series:



**GEM™ Compact
Orange Fire**



**GEM™ Compact
Pink Opal**



**GEM™ Compact
Rose Quartz**



**GEM™ Compact
White Sapphire**

For additional technical growing information:

GEM™ Compact [CLICK HERE](#)



GEM™ Compact

Lantana camara



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(8 - 10")
20 - 25 cm



Height

(8 - 14")
20 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-------------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Recommended | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 100 to 150 ppm N | Apply broad spectrum Week 2 |



- Misting specification** - Remove from mist as soon as possible
- Spray adjuvant at sticking



- Maintain warm temperatures allowing plants to develop.
- Spray Daminozide at 2000 to 2500 ppm
- Pinch is recommended week 4 or at transplant

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-----------------------|-------------------------|--------------|-----|----------------------|----------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | 72 / 74 F (22 / 23 C) | Feed 100 ppm to 150 ppm | Not required | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | Feed 100 to 150 ppm | Not required | | | |
| Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | Feed 100 to 150 ppm | Not required | | | |

For additional technical growing information:

GEM™ Compact [CLICK HERE](#)



GEM™ Compact

Lantana camara



FINISHING TIPS

- Keep the temperatures moderately warm to allow plants to continue to develop (average daily temperature at 73 to 75 F (23 to 24 C))
- Gem Compact may be too compact for cooler growing regions

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|------------------------|
| 6 to 7 wks (12 cm) 5" pot | Average Day 73° - 75° (23° - 24° C) | Pinch –Yes | 150 - 200 ppm N | During finishing stage |
| 8 to 9 wks (15 cm) 6 ½" | 73° - 75° (23° - 24° C) | Night interruption or extended day- Optional | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| | Whiteflies | PYMETROZINE, PYRIPROXYFEN, PYRIFLUQUINAZON |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- **PGR** - Spray Daminozide at 2000 to 3500 ppm for finishing plants
- Paclobutrazol drench application at 1 ppm for finishing if required
- **Spray** broad spectrum fungicide after transplant
- **Scout** for Leafminors, Thrips and Whiteflies on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|------------------------------------|----------------------------------|--|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | B-9 as needed | Spray fungicide after transplant | |
| Week 6 to 13 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 ppm drench if required |

For additional technical growing information:

GEM™ Compact [CLICK HERE](#)



GEM™

Lantana camara



**GEM™
Lemon Quartz**

- Makes a bright ball of color that does not cycle out of bloom
- Perfect for heat tolerant/drought tolerant programs
- Mature height and width is 10 inches x 12 inches (25cm x 30cm)

More varieties in the GEM™ series:



**GEM™
Pearl**



**GEM™
Diva Pink**



**GEM™
Citrine**



**GEM™
Ruby**



**GEM™
Gold**

For additional technical growing information:

[GEM™ CLICK HERE](#)



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GEM™

Lantana camara



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10 - 14")
25 - 36 cm



Height

(8 - 14")
20 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-------------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Recommended | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 100 to 150 ppm N | Apply broad spectrum Week 2 |



Misting specification - Remove from mist as soon as possible
- Spray adjuvant at sticking



- Maintain warm temperatures allowing plants to develop.
- Spray Daminozide at 2000 to 2500 ppm
- Pinch is recommended week 4 or at transplant

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-----------------------|-------------------------|--------------|----------------------|----------------------|----------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | 72 / 74 F (22 / 23 C) | Feed 100 ppm to 150 ppm | Not required | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | Feed 100 to 150 ppm | Not required | | | |
| Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | Feed 100 to 150 ppm | Not required | Daminozide as needed | | |

For additional technical growing information:

GEM™ [CLICK HERE](#)



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GEM™

Lantana camara



FINISHING TIPS

- Keep the temperatures moderately warm to allow plants to continue to develop (average daily temperature at 73 to 75 F (23 to 24 C))
- Gem Compact may be too compact for cooler growing regions

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|----------------------------|
| 6 to 7 wks (12 cm) 5" pot | Average Day 73° - 75° (23° - 24° C) | Pinch –Yes | 150 - 200 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | 73° - 75° (23° - 24° C) | Night interruption or extended day- Optional | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| | Whiteflies | PYMETROZINE, PYRIPROXYFEN, PYRIFLUQUINAZON |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRADIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- **PGR** - Spray Daminozide at 2500 to 3750 ppm for finishing plants
- Paclobutrazol drench application at 1 to 2 ppm for finishing if required
- **Spray** broad spectrum fungicide after transplant
- **Scout** for Leafminors, Thrips and Whiteflies on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|------------------------------------|----------------------------------|---|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | B-9 as needed | Spray fungicide after transplant | |
| Week 6 to 13 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench if required |

For additional technical growing information:

GEM™ [CLICK HERE](#)



LAVEANNA™

Lavendula stoechas



- One of the earliest flowering Spanish lavender on the market
- Blooms in the spring with extended flowering into the heat of summer
- Good branching without pinch
- Improved flowering in both size and flag
- More consistent flowering

LAVEANNA™
Violet

More varieties in the LAVEANNA™ collection:



LAVEANNA™
White Frost



LAVEANNA™
Grand Purple

For additional technical growing information:

LAVEANNA™ [CLICK HERE](#)



LAVEANNA™

Lavendula stoechas



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10-14")
25 - 36 cm



Height

(12 - 16")
30 - 41 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-------------|-----------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Recommended | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (18° - 21° C) | | Weeks 3-5 100 ppm N | Spray fungicide to control Botrytis and bacteria Week 2 |



Irrigation specification – Lavender responds best if tented to increase humidity around cuttings versus misting. Do not over-saturate foliage or soil. Remove tenting once roots emerge. Spray adjuvant after sticking. Proper air-movement will help prevent foliage issues.



Application of IBA can hasten rooting. Daminozide spray application @1500 to 2000 ppm if required.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|------------------|-------|----------------------|----------------------|----------------------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | Feeding through Mist |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 66 to 68 F (18 to 20 C) | Feed 100 ppm | | | | |
| Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 66 to 68 F (18 to 20 C) | Feed 100 ppm | | Daminozide as needed | | |

For additional technical growing information:

LAVEANNA™ [CLICK HERE](#)



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LAVEANNA™

Lavendula stoechas



FINISHING TIPS

- Maintain soil on drier side
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 62° - 68° (17° - 20° C) | Pinch optional No lighting necessary | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | | | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| 8 to 9 wks (20 cm) 8" | | | | |
| | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Consistent soil moisture levels are best – allow soil to dry slightly between irrigations
- Scout for Aphids and Spider Mites

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|----------------------|-----------------------------------|--|
| Week 6 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | Drench fungicide after transplant | |
| Week 8 to 10 | 5.8 to 6.2 | 1.0 to 1.2 | 62 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | | | Paclobutrazol @ 2 ppm drench when buds showing if growing in warm conditions |

For additional technical growing information:

LAVEANNA™ [CLICK HERE](#)



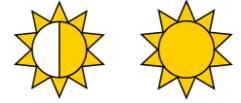
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GLOW™

Lobelia erinus



GLOW™
Blue Volt



- Selected to hold its speckled pattern into the heat
- Mounded habit works well in baskets and combos
- Blooms early enough for any market
- Mature Height and Width 18 inches X 24 inches (46cm x 61cm)

More varieties in the GLOW™ series:



GLOW™
Electric Blue



GLOW™
White Lightning

For additional technical growing information:

GLOW™ [CLICK HERE](#)



DANZIGER

www.danzigeronline.com |   

GLOW™

Lobelia erinus



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(18 - 24")
46 - 61 cm



Height

(18 - 24")
46 - 61 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



The series is well branched so pinching is not needed for a quality finish. Daminozide at 1500 to 2000 ppm Week 4 or 5 if needed.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-----------------------|---------------------|---|-----|----------------------|----------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is optional depending on region | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | 72 / 74 F (22 / 23 C) | Feed 100 ppm | | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | Feed 100 ppm | | | | |
| Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | Feed 100 to 150 ppm | | | | |

For additional technical growing information:

GLOW™ [CLICK HERE](#)



www.danzigeronline.com |

GLOW™

Lobelia erinus



FINISHING TIPS

- Facultative long day plant so extended day lighting is optional
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|--|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary Additional lighting is optional depending on region | 150 - 200 ppm N | In liner and finish stages. Daminozide @ 2500 ppm |
| 8 to 9 wks (15 cm) 6 ½" | | | Soil EC 1.2 - 1.5 pH 5.8 to 6.2 | |
| 8 to 10 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 10 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- Maintain soil evenly moist – do not allow plants to dry completely

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|----------------------------------|----------------------------------|--|
| Week 5 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide at 2,000 to 2,500 ppm | Spray fungicide after transplant | |
| Week 6 to 15 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 150 to 200 ppm | | Paclobutrazol Drench at 1 ppm | | Paclobutrazol 1 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

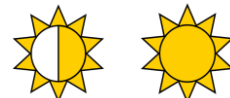
GLOW™ [CLICK HERE](#)



www.danzigeronline.com |

STREAM™

Lobularia



- Good heat tolerance and resistance to cold
- Flowers from early spring until frost
- Makes an excellent landscape plant
- Great for attracting pollinators

**STREAM™
Raspberry Imp.**

More varieties in the STREAM™ series:



**STREAM™
Champagne**



**STREAM™
Purple Imp.**



**STREAM™
Lavender**



**STREAM™
White**

For additional technical growing information:

STREAM™ [CLICK HERE](#)



 **DANZIGER**

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STREAM™

Lobularia



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(4 -6")
10 - 15 cm



Height
(10 - 18")
24 - 46 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Application of K-IBA can hasten rooting. Daminozide at 1500 to 2500 ppm day of sticking. Lighting in propagation is not necessary. The Lobularia Stream™ Series is well branched and a pinch would only be necessary if grown under lower light levels.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------------------|
| Week 1 | 5.2 / 5.8 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | Feeding through Mist |
| Week 2 | 5.2 to 5.8 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.2 to 5.8 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 5 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

STREAM™ [CLICK HERE](#)



STREAM™

Lobularia



FINISHING TIPS

- Pinch is optional
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|-------------------------------|
| 6 to 7 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch / Optional | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | 65° - 68° (18° - 20° C) | No lighting necessary | Soil EC 0.8 - 1.0 pH 5.6 to 6.0 | |
| 8 to 9 wks (20 cm) 8" | | | | |
| 8 to 9 wks (25 cm) 10" | 3 plants per container | | | |
| | | | | |
| | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Consistent soil moisture levels are best – allow soil to dry slightly between irrigations
- Scout for Aphids on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|--------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 6 Transplant | 5.6 to 6.0 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.0 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

STREAM™ [CLICK HERE](#)

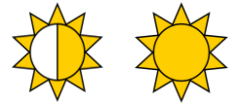


STREAM™ Compact

Lobularia



**STREAM™
Compact White**



- Good heat tolerance and resistance to cold
- Flowers from early spring until frost
- Makes an excellent landscape plant
- Great for attracting pollinators

More varieties in the STREAM™ Compact series:



**STREAM™
Compact Rose**



**STREAM™
Compact Purple**






**STREAM™
Compact Violet**

For additional technical growing information:

STREAM™ Compact [CLICK HERE](#)



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STREAM™ Compact

Lobularia



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(4 -6")
10 - 15 cm



Height
(10 - 18")
24 - 46 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Application of K-IBA can hasten rooting. Daminozide at 1500 to 2500 ppm day of sticking. Lighting in propagation is not necessary. The Lobularia Stream™ Series is well branched and a pinch would only be necessary if grown under lower light levels.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------------------|
| Week 1 | 5.2 / 5.8 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | Feeding through Mist |
| Week 2 | 5.2 to 5.8 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.2 to 5.8 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 4 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 / 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 5 | 5.2 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 / 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

STREAM™ Compact [CLICK HERE](#)



STREAM™ Compact

Lobularia



FINISHING TIPS

- Pinch is optional
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|-------------------------------|
| 6 to 7 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch / Optional | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | 65° - 68° (18° - 20° C) | | Soil EC 0.8 - 1.0 pH 5.6 to 6.0 | |
| 8 to 9 wks (20 cm) 8" | | | | |
| 8 to 9 wks (25 cm) 10" | 3 plants per container | | | |
| | | No lighting necessary | | |
| | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Consistent soil moisture levels are best – allow soil to dry slightly between irrigations
- Scout for Aphids on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 6 Transplant | 5.6 to 6.0 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Day Neutral | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.0 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

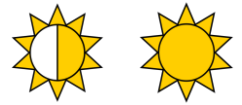
STREAM™ Compact [CLICK HERE](#)



www.danzigeronline.com |

Golden Freckles™

Marcadonia grandiflora



Golden Freckles™

- Heat and slightly drought tolerant annual
- Early to flower
- Mature height and width is 10 cm x 30 cm (4 x 12 inches)

For additional technical growing information:

GOLDEN FRECKLES™ [CLICK HERE](#)



Golden Freckles™

Marcadonia grandiflora



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
10" to 12"
24 to 30 cm



Height
4" to 6"
10 to 15 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|---------------------|--|
| 5 weeks | Weeks 1 - 2 21° - 22°C (70°-72° F) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 20° - 21° C (68° - 70° F) | | Weeks 3-5 100 ppm N | Day of sticking & Week 2 |



Irrigation specification – Spray with adjuvant the day of sticking/Remove from mist as soon as possible



Marcadonia Golden Freckles is day neutral and prefers bright light conditions for maximum flowering. Moderate moisture levels for the media in propagation.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|------------------|--------------|----------------------|----------------------|----------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | 72 / 74 F (22 / 23 C) | Feed 100 ppm N | | | | |
| Week 4 | 5.8 to 6.2 | .90 to 1.0 | Cool to 70 F (21 C) | Feed 100 ppm N | | Daminozide as needed | | |
| Week 5 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm N | | | | |

For additional technical growing information:

GOLDEN FRECKLES™ [CLICK HERE](#)



Golden Freckles™

Marcadonia grandiflora



FINISHING TIPS

- High quality plants with many more flowers are finished with high light
- Cool temperatures may create stress and develop yellow stems or at the meristems. When the temperatures warm, the plants will return to a green color

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|----------------------------|----------------------------|-------------------------------|-------------------------------------|------------------------|
| 5 to 7 wks | Average Day | Pinch –should not be required | 150 - 200 ppm N | Should not be required |
| 10 cm (quart) | 68° to 70° F (20° to 21°C) | | | |
| 6 to 8 wks | | | Soil EC 1.0 to 1.2 pH 5.8 to 6.2 | |
| 15 cm (6'') | | | | |

| | | Recommended Chemicals |
|----------|--------------|--|
| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Cool temperatures may create yellowing at the end of plant stems
- Do not allow soil to become oversaturated
- Scout for Aphids, Mites and Thrips
- Drench after transplant for Rhizoctonia and Pythium / Phytophthora

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|-------------------|------------|------------|--------------------------|-----------------------|-------|---------------------------------|-----------------------------------|----------------------------------|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 70 F (20° to 21°C) | feed 100 ppm N | None | Only under low light conditions | Drench fungicide after transplant | Control of Pythium & Rhizoctonia |
| Week 6 to 14 | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 70 F (20° to 21°C) | feed 100 to 125 ppm N | | | | |

For additional technical growing information:

GOLDEN FRECKLES™ [CLICK HERE](#)



MAI TAI™

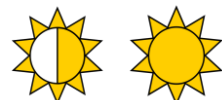
Mimulus aurantiacus



MAI TAI™ Orange Imp.



MAI TAI™ Red



- Growth and flowering is hastened under long days and warmer temperatures
- Upright habit
- Improved rooting ability
- Good branching – only 1 pinch needed
- Less sticky leaves than seed mimulus
- Heat tolerant
- Makes an interesting element in combinations

For additional technical growing information:

MAI TAI™ [CLICK HERE](#)



MAI TAI™

Mimulus aurantiacus



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(14 - 20")
36 - 51 cm



Height
(14 - 20")
36 - 51 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-----------|---------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Suggested | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 100 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible. Limit misting in propagation. Do not saturate soil



Application of K-IBA can hasten rooting. Maintain warm temperatures in propagation. Pinch Mimulus leaving 4 to 5 nodes below pinch

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|------------------|-------|-----|----------------------|----------------------|
| Week 1 | 5.5 / 5.8 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | Feeding through Mist |
| Week 2 | 5.5 to 5.8 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.5 to 5.8 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm | | | | |
| Week 4 | 5.5 to 5.8 | 1.0 to 1.2 | 68 to 70 F (20 / 21 C) | Feed 100 ppm | | | | Pinch |
| Week 5 | 5.5 to 5.8 | 1.0 to 1.2 | 68 to 70 F (20 / 21 C) | Feed 100 ppm | | | | |

For additional technical growing information:

MAI TAI™ [CLICK HERE](#)



MAI TAI™

Mimulus aurantiacus



FINISHING TIPS

- Pinch will be required
- Mimulus prefers long days and warm temperatures to flower

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|----------------------------|
| 6 to 7 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch week 4 or at transplant | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | | No lighting necessary | Soil EC 1.0 - 1.2 pH 5.5 to 5.8 | |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 9 wks (25 cm) 10" | 3 plants per container | 8 to 9 wks | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| | Whiteflies | PYMETROZINE, PYRIPROXYFEN, PYRIFLUQUINAZON |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Scout for Aphids and Whiteflies
- Botrytis and Rhizoctonia – fungicide drench after transplant to control root and stem diseases

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------------------|----------------------|-----------------------------------|----------|
| Week 6 Transplant | 5.5 to 5.8 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | Prefers long days | Daminozide as needed | Drench fungicide after transplant | |
| Week 6 to 13 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 (18 to 20 C) | feed 100 to 150 ppm | | | | |

For additional technical growing information:

MAI TAI™ [CLICK HERE](#)

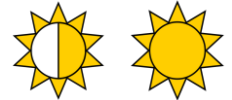


NESIA™

Nemesia hybrida



**NESIA™
Tangerine**



- Blooms early with heavy flower coverage
- More heat tolerant than other nemesia on the market
- **Season extender**
- Mature height and width is 8 inches x 10 inches (20cm x 25cm)

More varieties in the NESIA™ series:



**NESIA™
Inca**



**NESIA™
Bananaberry**



**NESIA™
Banana Swirl**



**NESIA™
Burgundy**



**NESIA™
Denim**



**NESIA™
Magenta**



**NESIA™
Snow Angel**



**NESIA™
Sunshine**



**NESIA™
Tropical**



**NESIA™
Tutti Frutti**

For additional technical growing information:

[NESIA™ CLICK HERE](#)



NESIA™

Nemesia hybrida



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

**Early Spring / Summer
Flowering**



Width

**(10 - 12")
25 - 30 cm**



Height

**(10 - 14")
25 - 36 cm**

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 65° - 68° (18° - 20° C) | | Weeks 3-4 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Apply broad spectrum fungicide the day of sticking to control leaf disease. For the more vigorous varieties, apply Daminozide spray at 2000 ppm week 3.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Daminozide as needed | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

NESIA™ [CLICK HERE](#)



NESIA™

Nemesia hybrida



FINISHING TIPS

- Soil should remain evenly moist and do not run soil too wet during cooler growing conditions. Root system and foliage will develop problems under continuous wet soil conditions
- Cool temperature finishing for best quality and optimum flower color

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|--|
| 6 to 7 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch – Recommended | 100 - 200 ppm N | Daminozide spray application at 2500 to 3750 ppm |
| 8 to 9 wks (15 cm) 6 ½" | 1 ppp | Not Required – Day Neutral | Soil EC 1.0 - 1.2 pH 5.6 to 6.0 | |
| 8 to 9 wks (20 cm) 8" | 3 ppp | | | Paclobutrazol drench application at 2 ppm |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRADIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- **PGR** - Spray Daminozide at 2500 ppm on young finished plants - Paclobutrazol drench application at 2 ppm for finishing if required for the more vigorous varieties
- **Maintain good airflow** and allow plants to dry before nightfall
- **Scout** for Aphids, Thrips, Mites and Whitefly

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|-------------------------------|-----------------------------------|--|
| Week 5 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 150 to 200 ppm | Not required | Daminozide as needed 2500 ppm | Drench fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 150 to 200 ppm | Not required | Paclobutrazol Drench at 2 ppm | | Paclobutrazol 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

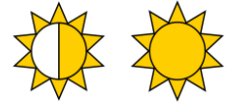
NESIA™ [CLICK HERE](#)



MENOR™

Nemesia hybrida

AVAILABLE IN
EU & ROW



- Blooms early with heavy flower coverage
- More heat tolerant than other nemesia on the market
- Mature height and width is 8 inches x 10 inches (20cm x 25cm)

MENOR™
Dual Magenta

More varieties in the MENOR™ series:



MENOR™ Dual
Bordeaux



MENOR™ Dual
Purple



MENOR™ Dual
Violet

For additional technical growing information:

[MENOR™ CLICK HERE](#)



 **DANZIGER**
www.danzigeronline.com |   

MENOR™

Nemesia hybrida

AVAILABLE IN
EU & ROW



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

**Early Spring / Summer
Flowering**



Width

**(10 - 12")
25 - 30 cm**



Height

**(10 - 14")
25 - 36 cm**

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 65° - 68° (18° - 20° C) | | Weeks 3-4 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification - Remove from mist as soon as possible



Apply broad spectrum fungicide the day of sticking to control leaf disease. For the more vigorous varieties, apply Daminozide spray at 2000 ppm week 3.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Daminozide as needed | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 / 20 C) | feed 100 to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

MENOR™ [CLICK HERE](#)



 **DANZIGER**
www.danzigeronline.com |   

MENOR™

Nemesia hybrida



AVAILABLE IN
EU & ROW

FINISHING TIPS

- Soil should remain evenly moist and do not run soil too wet during cooler growing conditions. Root system and foliage will develop problems under continuous wet soil conditions
- Cool temperature finishing for best quality and optimum flower color

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|--|
| 6 to 7 wks (12 cm) 5" pot | Average Day 65° - 68° (18° - 20° C) | Pinch – Recommended | 100 - 200 ppm N | Daminozide spray application at 2500 to 3750 ppm |
| 8 to 9 wks (15 cm) 6 ½" | 1 ppp | Not Required – Day Neutral | Soil EC 1.0 - 1.2 pH 5.6 to 6.0 | |
| 8 to 9 wks (20 cm) 8" | 3 ppp | | | Paclobutrazol drench application at 2 ppm |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRADIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- **PGR** – Menor series is naturally compact, therefore PGR application is optional. If needed Daminozide application of up to 2500 ppm on young finished plants is possible.
- **Maintain good airflow** and allow plants to dry before nightfall
- **Scout** for Aphids, Thrips, Mites and Whitefly

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|-------------------------------|-----------------------------------|--|
| Week 5 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 150 to 200 ppm | Not required | Daminozide as needed 2500 ppm | Drench fungicide after transplant | |
| Week 6 to 12 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 150 to 200 ppm | Not required | Paclobutrazol Drench at 2 ppm | | Paclobutrazol 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

MENOR™ [CLICK HERE](#)



HARMONY®

New Guinea Impatiens



HARMONY® Bicolor Red



- Top selling NGI series in North America
- Easy to grow and very reliable in production
- Great in 12 cm/quarts up to hanging baskets
- Mature height and width is 16" x 12" (41cm x 30cm)

Our best-selling varieties in the HARMONY® series:



**HARMONY®
Violet**



**HARMONY®
Orange Blaze**



**HARMONY®
Snow**



**HARMONY®
Magenta**



**HARMONY®
Red Cardinal**



**HARMONY®
Dark Lilac**



**HARMONY®
Candy Cream**



**HARMONY®
Purple Cream**

For additional technical growing information:

HARMONY™ [CLICK HERE](#)



HARMONY[®]

New Guinea Impatiens



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 14")
30 - 36 cm



Height

(14 - 18")
36 - 46 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|--------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 80 ppm N | Apply broad spectrum Week 2 |



- Spray adjuvant at sticking



- Spray Ethephon at 300 ppm the day after stick. This will reset flowering response. One hour of Ethephon on the leaves will be sufficient time while mist if off.
- Maintain warm temperatures allowing plants to develop and flower
- Average daily temperature of 70 F

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|-----------|------------|-----------------------|------------------|--------------|-----|----------------------|--------------------------|
| Week 1 | 6.0 / 6.5 | 0.50 | 72 / 74 F (22 / 23 C) | | Not required | | Day of sticking | |
| Week 2 | 6.0 / 6.5 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Second fungicide app | |
| Week 3 | 6.0 / 6.5 | .80 to .90 | 72 / 74 F (22 / 23 C) | 80 ppm N in mist | Not required | | | |
| Week 4 | 6.0 / 6.5 | .80 to .90 | 70 / 72 F (21 / 22 C) | 80 ppm N in mist | Not required | | | |
| Week 5 | 6.0 / 6.5 | .80 to .90 | 70 / 72 F (21 / 22 C) | 80 ppm N in mist | Not required | | | Pinch is not recommended |

For additional technical growing information:

HARMONY™ [CLICK HERE](#)



 **DANZIGER**

www.danzigeronline.com |   

HARMONY[®]

New Guinea Impatiens



FINISHING TIPS

- Maintain a low EC level for proper growth and sizing of plant
- Transplant liners when plants are rooted and actively growing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---------------------------------------|------------------------------------|---|
| 7 to 8 wks (12 cm) 5" pot | Average Day 68° - 70° (20° - 21° C) | Pinch –No Daylength Neutral | 100 - 125 ppm N | If required, Uniconazole at 5 to 7 ppm spray application early in crop- Paclobutrazol at 0.5 ppm drench within 3 weeks of finishing |
| 8 to 9 wks (15 cm) 6 ½" | 68° - 70° (20° - 21° C) | | Soil EC 0.8 - 1.0 pH 6.0 to 6.5 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- **PGR** - Spray Uniconazole 5 to 7 ppm early in crop
Paclobutrazol drench application at 0.5 ppm for finishing
- **Spray** broad spectrum fungicide after transplant
- **Scout** for Aphids and Thrips on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|---------------------------------|--------------------------------|---|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Uniconazole spray | Drench fungicide at transplant | |
| Week 6 to 13 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Paclobutrazol Drench at 0.5 ppm | | Allow plants to reach 85% of required size before PGR application |

For additional technical growing information:

HARMONY™ [CLICK HERE](#)



HARMONY® COLORFALL™

New Guinea Impatiens



HARMONY® COLORFALL™
Dark Leaf Red

- Breakthrough NEW trailing line of NGI
- Dependable Harmony® genetics, new plant habit
- Easy to grow and reliable in production
- Perfect for shade baskets, pots and combos
- Also works well in the landscape
- Mature height and width is 12 inches x 16 inches (30 cm x 41 cm)

More varieties in the HARMONY® COLORFALL™ series:



HARMONY® COLORFALL™
Orange



HARMONY® COLORFALL™
Passion



HARMONY® COLORFALL™
White



HARMONY® COLORFALL™
Light Coral



HARMONY® COLORFALL™
Neon Red



HARMONY® COLORFALL™
Pink

For additional technical growing information:

COLORFALL™ [CLICK HERE](#)



 **DANZIGER**

www.danzigeronline.com |   

HARMONY® COLORFALL™

New Guinea Impatiens



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 14")
30 - 36 cm



Height

(14 - 16")
36 - 41 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|--------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 80 ppm N | Apply broad spectrum Week 2 |



- Spray adjuvant at sticking



- Spray Ethephon at 300 ppm the day after stick. This will reset flowering response. One hour of Ethephon on the leaves will be sufficient time while mist if off.
- Maintain warm temperatures allowing plants to develop and flower
- Average daily temperature of 70 F

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|-----------|------------|-----------------------|------------------|--------------|-----|----------------------|--------------------------|
| Week 1 | 6.0 / 6.5 | 0.50 | 72 / 74 F (22 / 23 C) | | Not required | | Day of sticking | |
| Week 2 | 6.0 / 6.5 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Second fungicide app | |
| Week 3 | 6.0 / 6.5 | .80 to .90 | 72 / 74 F (22 / 23 C) | 80 ppm N in mist | Not required | | | |
| Week 4 | 6.0 / 6.5 | .80 to .90 | 70 / 72 F (21 / 22 C) | 80 ppm N in mist | Not required | | | |
| Week 5 | 6.0 / 6.5 | .80 to .90 | 70 / 72 F (21 / 22 C) | 80 ppm N in mist | Not required | | | Pinch is not recommended |

For additional technical growing information:

COLORFALL™ [CLICK HERE](#)



HARMONY® COLORFALL™

New Guinea Impatiens



FINISHING TIPS

- Maintain a low EC level for proper growth and sizing of plant
- Transplant liners when plants are rooted and actively growing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|------------------------------------|------------------------------------|---|
| 7 to 8 wks (12 cm) 5" pot | Average Day 68° - 70° (20° - 21° C) | Pinch –No Daylength Neutral | 100 - 125 ppm N | If required, Uniconazole at 5 to 7 ppm spray application early in crop- Paclobutrazol at 0.5 ppm drench within 3 weeks of finishing |
| 8 to 9 wks (15 cm) 6 ½" | 68° - 70° (20° - 21° C) | | Soil EC 0.8 - 1.0 pH 6.0 to 6.5 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- **PGR** - Spray Uniconazole 5 to 7 ppm early in crop
Paclobutrazol drench application at 0.5 ppm for finishing
- **Spray** broad spectrum fungicide after transplant
- **Scout** for Aphids and Thrips on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|---------------------------------|--------------------------------|---|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Uniconazole spray | Drench fungicide at transplant | |
| Week 6 to 13 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Paclobutrazol Drench at 0.5 ppm | | Allow plants to reach 85% of required size before PGR application |

For additional technical growing information:

COLORFALL™ [CLICK HERE](#)



OSTICA™

Osteospermum ecklonis



**Ostica™
Glamour**

- Early flowering time
- Controlled habit
- Can be grown in warm greenhouse with no cooling
- Mature height and width is 10 inches x 10 inches (25cm x 25cm)

Other top selling varieties in the OSTICA™ series:



**Ostica™
Amethyst**



**Ostica™
Bronze**



**Ostica™
Mega Pink**



**Ostica™
Midnight**

For additional technical growing information:

OSTICA™ [CLICK HERE](#)



OSTICA™

Osteospermum ecklonis



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10-12")
25 - 30 cm



Height

(8 - 10")
20 - 25 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-------------|-------------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Recommended | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Spray fungicide to control Botrytis and bacteria Week 2 |



Irrigation specification – Spray adjuvant after sticking.



Application of IBA or K-IBA can hasten rooting. Daminozide at 2500 ppm day of sticking. Lighting in propagation will hasten flowering response - Night interruption or extended day. Pinch is not recommended.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------|----------------------------|----------------------|----------------------|
| Week 1 | 5.6 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Daminozide day of sticking | Day of sticking | Feeding through Mist |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |

For additional technical growing information:

OSTICA™ [CLICK HERE](#)



DANZIGER

www.danzigeronline.com |

OSTICA™

Osteospermum ecklonis



FINISHING TIPS

- Pinch is not recommended
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 60° - 68° (16° - 20° C) | Pinch not recommended No lighting necessary | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | 60° - 68° (16° - 20° C) | | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 9 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|----------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Consistent soil moisture levels are best – allow soil to dry slightly between irrigations
- Scout for Aphids and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|-------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 6 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.8 to 6.2 | 1.0 to 1.2 | 60 to 68 F (15 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

OSTICA™ [CLICK HERE](#)



OSTICADE™

Osteospermum ecklonis



OSTICADE™ Magenta



- Early flowering time
- Mounded/Semi Trailing habit is perfectly suited for hanging baskets and patio pots
- Can be grown in a warm greenhouse with no cooling
- Mature height and width is 8 inches x 12 inches (20cm x 30cm)

More varieties in the OSTICADE™ series:



OSTICADE™ Twilight Moon



OSTICADE™ Aurora



OSTICADE™ Daybreak



OSTICADE™ Yellow



OSTICADE™ Purple



OSTICADE™ Pure White



OSTICADE™ Pink

For additional technical growing information:

OSTICADE™ [CLICK HERE](#)



OSTICADE™

Osteospermum ecklonis



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(12 - 14")
30 - 36 cm



Height
(8 - 10")
20 - 25 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-------------|-------------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Recommended | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Spray fungicide to control Botrytis and bacteria Week 2 |



Irrigation specification – Spray adjuvant after sticking.



Application of IBA or K-IBA can hasten rooting. Daminozide at 2500 ppm day of sticking. Lighting in propagation will hasten flowering response - Night interruption or extended day. Pinch is not recommended.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|---------------|------------|-------------------------------|-------------------------------|-------|----------------------------------|----------------------------|-------------------------|
| Week 1 | 5.6 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Daminozide day of sticking | Day of sticking | Feeding through Mist |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | | |
| Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed | Week 5 | |

For additional technical growing information:

OSTICADE™ [CLICK HERE](#)



OSTICADE™

Osteospermum ecklonis



FINISHING TIPS

- Pinch is not recommended
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 60° - 68° (16° - 20° C) | Pinch not recommended No lighting necessary | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | 60° - 68° (16° - 20° C) | | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 9 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Consistent soil moisture levels are best – allow soil to dry slightly between irrigations
- Scout for Aphids and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|----------------------------------|---|
| Week 6 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | Spray fungicide after transplant | |
| Week 6 to 12 | 5.8 to 6.2 | 1.0 to 1.2 | 60 to 68 F (15 to 20 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

OSTICADE™ [CLICK HERE](#)



PRIMAVERA™

Pericallis hybrida



**Primavera™
Fuchsia**

- Early flowering time
- Suitable for small pots
- Compact with mounded habit
- Good heat tolerance in the Pericallis category
- Finished height and width is 12 inches x 12 inches (30cm x 30cm)

Other top selling varieties in the PRIMAVERA™ series:



**Primavera™
Denim**



**Primavera™
Blueberry**



**Primavera™
Lavender**



**Primavera™
Navy Blue**

For additional technical growing information:

PRIMAVERA™ [CLICK HERE](#)



PRIMAVERA™

Pericallis hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 14")
30 - 36 cm



Height

(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-------------|------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Recommended | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 ppm N | Spray fungicide to control Botrytis and bacteria Week 2 |



Irrigation specification – Spray adjuvant after sticking. Do not over-mist or saturate soil.



Drench plants with fungicide to protect against root and stem pathogens. Daminozide at 2500 ppm if required week 4 / 5. Pinch the week before transplant or at transplant. Provide adequate air-movement and allow plants to dry going into the evening.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|---------------------|-------|-------------------------------|----------------------|----------------------|
| Week 1 | 5.6 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Daminozide day of sticking | Day of sticking | Feeding through Mist |
| Week 2 | 5.6 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm | | | | |
| Week 4 | 5.6 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm | | Daminozide as needed | | |
| Week 5 | 5.6 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | Feed 100 ppm | | Daminozide as needed | | |

For additional technical growing information:

PRIMAVERA™ [CLICK HERE](#)



PRIMAVERA™

Pericallis hybrida



FINISHING TIPS

- Spray fungicide to protect against Powdery Mildew – Supply adequate airflow
- Cool temperature finishing for best quality – 55 to 60 F average daily temperature

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 55° - 60° (13° - 16° C) | Pinch week before transplant or at transplant | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | 1 plant per container | Day Neutral | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Allow soil to dry between irrigations / For southern regions, some shade may be necessary
- Best to feed with Nitrate forms of Nitrogen
- Daminozide at 2500 to 3750 ppm / Paclobutrazol at 1 to 2 ppm to finish crop
- Fuchsia, Navy Blue and Violet are the earliest to flower and most vigorous
- Scout for Aphids, Mites and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|--------------|------------------------------------|--|---|
| Week 6 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 55 to 60 F (13 to 15 C) | feed 100 to 150 ppm | | Daminozide as needed | Drench fungicide after transplant | |
| Week 6 to 12 | 5.8 to 6.2 | 1.0 to 1.2 | 55 to 60 F (13 to 15 C) | feed 100 to 150 ppm | Not Required | Paclobutrazol Drench at 1 to 2 ppm | Control of water molds and Thielaviopsis | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

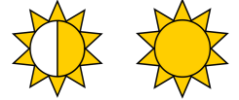
For additional technical growing information:

PRIMAVERA™ [CLICK HERE](#)



AMAZONAS™

Petunia



AMAZONAS™
Plum Cockatoo

- Selected for unique color pattern
- Increased weather tolerance
- Mounded habit works well in baskets and combos
- Blooms early enough for any market
- Mature Height and Width 16 inches X 20 inches
- (41cm x 51cm)

For additional technical growing information:

AMAZONAS™ [CLICK HERE](#)



AMAZONAS™

Petunia



New
2025

PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(18 - 20")
46 - 51 cm



Height

(16 - 18")
41 - 46 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



The series is well branched so pinching is not need for a quality finish. Daminozide at 1500 ppm the day after sticking. Week 4 – Daminozide @ 2500 ppm / Uniconazole @ 10 ppm tank mix if plants are aggressively growing.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------|-------------------------|---|-------------------------------|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is optional depending on region | Daminozide day after sticking | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | | | |

For additional technical growing information:

AMAZONAS™ [CLICK HERE](#)



 **DANZIGER**

www.danzigeronline.com | 

AMAZONAS™

Petunia



New
2025

FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|---|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 150 - 200 ppm N | Finish stage Daminozide @ 1500 to 2500 ppm / |
| 8 to 9 wks (15 cm) 6 ½" | | Additional lighting is optional depending on region | Soil EC 1.2 - 1.5 pH 5.6 to 6.0 | |
| 8 to 10 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 10 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR – Amazonas genetics are naturally more compact. Spray Daminozide at lower rates if needed.

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|---|----------------------------------|----------|
| Week 4 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Daminozide spray applications | Spray fungicide after transplant | |
| Week 5 to 15 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Paclobutrazol Drench at 1 ppm if needed | | |

For additional technical growing information:

AMAZONAS™ [CLICK HERE](#)



 **DANZIGER**

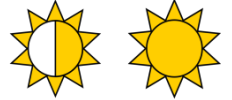
www.danzigeronline.com |   

AMORE[®]

Petunia hybrida



AMORE[®] King of Hearts Imp.



- Unique heart shaped pattern on every bloom
- Early flowering with a mounded habit
- Great in pots, baskets and combos
- A unique product with retail and end-consumer appeal
- Mature height and width is 12" x 12" (30cm x 30cm)

More varieties in the AMORE[®] series:



AMORE[®] Princess



AMORE[®] Queen of Hearts



AMORE[®] Pink Hearts



AMORE[®] Purple



AMORE[®] Heart & Soul



AMORE[®] Fluttering Heart



AMORE[®] Fiesta



AMORE[®] Joy

EU & ROW
ONLY

For additional technical growing information:

AMORE[™] [CLICK HERE](#)



 **DANZIGER**
www.danzigeronline.com |   

AMORE[®]

Petunia hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(14 - 18")
36 - 46 cm



Height

(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



The series is well branched so pinching is not need for a quality finish. Daminozide at 1500 ppm the day after sticking. Week 4 – Daminozide @ 2500 ppm / Uniconazole @ 10 ppm tank mix if plants are aggressively growing. Amore[®] Fiesta, Heart & Soul and Queen of Heart are most vigorous varieties within the series.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------|-------------------------|---|-------------------------------|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is optional depending on region | Daminozide day after sticking | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide @ 2500 ppm | | |

For additional technical growing information:

AMORE™ [CLICK HERE](#)



AMORE[®]

Petunia hybrida



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|---|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 100 - 150 ppm N | Finish stage Daminozide @ 2500 to 3200 ppm |
| 8 to 9 wks (15 cm) 6 ½" | | Additional lighting is optional depending on region | Soil EC 1.2 - 1.5 pH 5.6 to 6.0 | |
| 8 to 10 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 10 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrip | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide at 2,500 to 3,200 ppm and / or Paclobutrazol drench application at 1 to 2 ppm for finishing if required

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|------------------------------------|----------------------------------|---|
| Week 4 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Daminozide spray | Spray fungicide after transplant | |
| Week 5 to 15 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

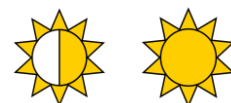
For additional technical growing information:

AMORE™ [CLICK HERE](#)



BLUE DIAMOND™

Petunia hybrida



- Stand alone, mounded growing Petunia that is slightly more compact than the Danziger Capella™ series
- Dark Blue and White 'starred' flower pattern attracts attention
- Blooms early enough for any market
- Mature Height / Width 6" X 10" (15cm x 25cm)

For additional technical growing information:

BLUE DIAMOND™ [CLICK HERE](#)



BLUE DIAMOND™

Petunia hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10 - 12")
25 - 30 cm



Height

(6 - 8")
15 - 20 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-4 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



Daminozide spray application at 1500 ppm week 3 or 4 if required. Blue Diamond™ is a stand alone variety since it's slightly more compact than the Danziger Capella™ series.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------|-------------------------|-------|--|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Daminozide day after sticking | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide/ Uniconazole tank mix if required | | |

For additional technical growing information:

BLUE DIAMOND™ [CLICK HERE](#)



DANZIGER
www.danzigerseed.com |

BLUE DIAMOND™

Petunia hybrida



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|--|
| 6 to 7 wks (10 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 150 - 200 ppm N | Finish stages Daminozide @ 2000 to 2500 ppm if required |
| 8 to 9 wks (15 cm) 6" | 1 plants per container | | Soil EC 1.2 - 1.5 pH 5.6 to 6.0 | |
| 8 to 9 wks | | | | |
| (20 cm) 8" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide 2,000 to 2,500 ppm and/or Paclobutrazol drench application at 1 ppm for finishing if required
- Drench with fungicide to control root/stem diseases

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|-------------------------------|----------------------------------|--|
| Week 4 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Daminozide | Spray fungicide after transplant | |
| Week 5 to 14 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Paclobutrazol Drench at 1 ppm | | Paclobutrazol 1 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

BLUE DIAMOND™ [CLICK HERE](#)

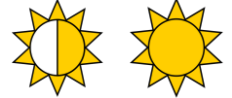


CAPELLA™

Petunia hybrida



CAPELLA™ Fuchsia Lace



- The perfect petunia – performs well in propagation, the greenhouse AND for the end consumer
- Naturally controlled habit was selected for quart production but will also grow to fill a larger pot
- Blooms early enough for any market
- Mature height and width is 8 inches x 12 inches (25cm X 30cm)

More varieties in the CAPELLA™ series:



**CAPELLA™
Pink Morn**



**CAPELLA™
Magenta Diamond**



**CAPELLA™
Rim Raspberry**



**CAPELLA™
Salmon Imp.**



**CAPELLA™
Rim Fuchsia**



**CAPELLA™
Indigo Imp.**



**CAPELLA™
White Imp.**



**CAPELLA™
Ruby Red Imp.**



**CAPELLA™
Hello Yellow**



**CAPELLA™
Rose**



**CAPELLA™
Coral**



**CAPELLA™
Sangria**



**CAPELLA™
Baby Pink**



**CAPELLA™
Burgundy**



**CAPELLA™
Mulberry**



**CAPELLA™
Cherry Vanilla**



**CAPELLA™
Neon Pink**



**CAPELLA™
Pink Lace**



**CAPELLA™
Purple**



**CAPELLA™
Purple Veins**

For additional technical growing information:

[CAPELLA™ CLICK HERE](#)



DANZIGER

www.danzigeronline.com |

CAPELLA™

Petunia hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(8 - 10")
20 - 25 cm



Height

(10 - 14")
25- 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



The series is well branched so pinching is not need for a quality finish. Daminozide at 1500 ppm the day after sticking. Week 4 – Daminozide @ 2000 to 2500 ppm

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------|-------------------------|-------------------------------------|---|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is not required | Daminozide day after sticking | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide spray application @ 2000 to 2500 ppm | | |

For additional technical growing information:

CAPELLA™ [CLICK HERE](#)



www.danzigeronline.com |

CAPELLA™

Petunia hybrida



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------------|------------------------------------|--|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 150 - 200 ppm N | In liner and finish stages. Daminozide @ 2000 to 2500 ppm |
| 8 to 9 wks (15 cm) 6 ½" | | Additional lighting is not required | Soil EC 1.2 - 1.5 pH 5.6 to 6.0 | |
| 8 to 10 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 10 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide 2,000 to 2,500 ppm and / or Paclobutrazol drench application at 1 to 2 ppm for finishing if required

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|------------------------------------|----------------------------------|---|
| Week 4 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Daminozide spray application | Spray fungicide after transplant | |
| Week 5 to 15 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

CAPELLA™ [CLICK HERE](#)



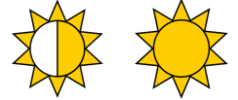
CASCADIAS™

Petunia hybrida



NEW 25

CASCADIAS™
Lilac Frost



- Available in many unique bloom patterns and colors
- Early flowering with a trailing habit
- Makes a showy premium basket
- Mature height and width is 14 inches x 18 inches (36cm x 46cm)

The CASCADIAS™ series:



NEW 25

CASCADIAS™
Fuchsia Gem



NEW 25

CASCADIAS™
Fantasy Hot Pink Imp.



NEW 25

CASCADIAS™
Rose



NEW 24

CASCADIAS™
Arizona Sky



CASCADIAS™
Rim Cherry Imp.



CASCADIAS™
Fuchsia



CASCADIAS™
Passion



CASCADIAS™
Indigo



CASCADIAS™
Rim Violet Imp



CASCADIAS™
Chili Red



CASCADIAS™
Red



CASCADIAS™
Blue Omri



CASCADIAS™
Purple Ice



CASCADIAS™
Hint of Lime



CASCADIAS™
Iceberg

For additional technical growing information:

[CASCADIAS™ CLICK HERE](#)



DANZIGER
www.danzigeronline.com |

CASCADIAS™

Petunia hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(14 - 18")
36 - 46 cm



Height
(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



The series is well branched so pinching is not need for a quality finish. Daminozide at 1500 ppm the day after sticking. Week 4 – Daminozide @ 2500 ppm mix if plants are aggressively growing.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------|-------------------------|---|--|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is optional depending on region | Daminozide day after sticking | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide spray at 2500 ppm if required | | |

For additional technical growing information:

CASCADIAS™ [CLICK HERE](#)



CASCADIAS™

Petunia hybrida



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|---|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 150 - 200 ppm N | finish stage - Daminozide @ 2500 ppm |
| 8 to 9 wks (15 cm) 6 ½" | | Additional lighting is optional depending on region | Soil EC 1.2 - 1.5 pH 5.6 to 6.0 | |
| 8 to 10 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 10 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide at 2,500 to 3,000 ppm and/or Paclobutrazol drench application at 1 to 2 ppm for finishing if required

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|--|----------------------------------|---|
| Week 4 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Daminozide/ Uniconazole tank mix if required | Spray fungicide after transplant | |
| Week 5 to 15 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

CASCADIAS™ [CLICK HERE](#)

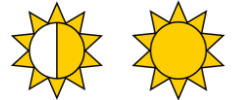


HIPPY CHICK™

Petunia hybrida



HIPPY CHICK™
Violet



- Groovy New Plant for 2021!
- Unique bloom shape with white edge stands out and attracts attention
- Mounded habit works well in baskets and patio pots
- Blooms early enough for any market
- Mature Width 18" X 24" (46cm x 61cm)

For additional technical growing information:

HIPPY CHICK™ [CLICK HERE](#)



HIPPY CHICK™

Petunia hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(18 - 24")
46 – 61 cm



Height

(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-4 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



Light extension in propagation is not required. The variety is well branched so pinching is not need for a quality finish. Daminozide at 1500 ppm the day after sticking. Week 4 – Daminozide @ 2500 ppm

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------|-------------------------|-------|--|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Daminozide day after sticking | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide/ Uniconazole tank mix if required | | |

For additional technical growing information:

HIPPY CHICK™ [CLICK HERE](#)



HIPPY CHICK™

Petunia hybrida



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|-------------------------------|--|--|------------------------------------|--|
| 7 to 8wks (15 cm) 6 ½" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary Light is optional since Petunia are facultative long day | 150 - 200 ppm N | Finish stages Daminozide @ 2500 to 3200 ppm |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | Soil EC 1.2 - 1.5 pH 5.6 to 6.0 | |
| 8 to 10 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide 2,500 to 3,200 ppm and/or Paclobutrazol drench application at 1 to 2 ppm for finishing if required

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|--|----------------------------------|---|
| Week 4 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Daminozide/ Uniconazole tank mix if required | Spray fungicide after transplant | |
| Week 5 to 14 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

HIPPY CHICK™ [CLICK HERE](#)



 **DANZIGER**

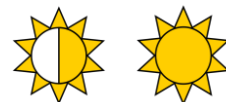
www.danzigerinc.com |   

LITTLETUNIA®

Petunia hybrida



LITTLETUNIA®
White Grace



- Excellent longevity all season long
- Early flowering
- Rain resistance is a key feature in this series
- Mature height and width is 8" x 14" (20cm x 36cm)

More varieties in the LITTLETUNIA® series:



LITTLETUNIA®
Bright Red



LITTLETUNIA®
Blue Vein



LITTLETUNIA®
Pink



LITTLETUNIA®
Pink Splash



LITTLETUNIA®
Purple Blue



LITTLETUNIA®
Rose



LITTLETUNIA®
Shiraz



LITTLETUNIA®
Violet

For additional technical growing information:

LITTLETUNIA™ [CLICK HERE](#)



 **DANZIGER**
www.danzigeronline.com |   

LITTLETONIA[®]

Petunia hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10 - 14")
25- 36 cm



Height

(8 - 10")
20 - 25 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



The series is well branched so pinching is not need for a quality finish. Daminozide at 1500 ppm the day after sticking. Week 4 – Daminozide @ 1500 to 2000 ppm should be sufficient to control growth on Littletonia™ series.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------|-------------------------|-------------------------------------|-------------------------------|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is not required | Daminozide day after sticking | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as required | | |

For additional technical growing information:

LITTLETONIA™ [CLICK HERE](#)



LITTLETONIA®

Petunia hybrida



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------------|------------------------------------|--|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 150 - 200 ppm N | In liner and finish stages. Daminozide @ 1500 to 2000 ppm |
| 7 to 8 wks (15 cm) 6 ½" | | Additional lighting is not required | Soil EC 1.2 - 1.5 pH 5.6 to 6.0 | |
| 8 to 9 wks | | | | |
| (20 cm) 8" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide at 1500 to 2000 ppm for height control

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|------------|----------------------------------|----------|
| Week 4 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Daminozide | Spray fungicide after transplant | |
| Week 5 to 15 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | | | |

For additional technical growing information:

LITTLETONIA™ [CLICK HERE](#)

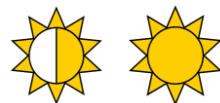


RAY™

Petunia hybrida



**RAY™
Shadow**



- Large flowers with a mounding habit makes for tidy baskets or great small pots
- Early enough for any market
- No pinching needed
- Mature height and width is 12" x 14" (30cm x 36cm)

More varieties in the RAY™ series:



**RAY™
Sunshine Imp.**



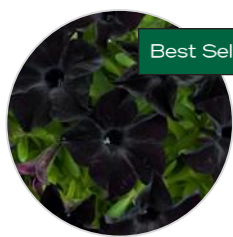
**RAY™
Sunflower imp.**



**RAY™
Fuchsia**



**RAY™
Purple Vein**



**RAY™
Black**



**RAY™
Pistachio Cream**



**RAY™
White**



**RAY™
Classic Blue**

For additional technical growing information:

RAY™ [CLICK HERE](#)



RAY™

Petunia hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(12 - 14")
30 - 36 cm



Height

(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



The series is well branched so pinching is not need for a quality finish. Daminozide at 1500 ppm the day after sticking. Week 4 – Daminozide @ 2500 ppm / Uniconazole @ 10 ppm tank mix if plants are aggressively growing.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------|-------------------------|---|--|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is optional depending on region | Daminozide day after sticking | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide spray application at 2500 ppm | | |

For additional technical growing information:

RAY™ [CLICK HERE](#)



 **DANZIGER**

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RAY™

Petunia hybrida



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|---|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 150 - 200 ppm N | Finish stage Daminozide @ 2500 to 3200 ppm |
| 8 to 9 wks (15 cm) 6 ½" | | Additional lighting is optional depending on region | Soil EC 1.2 - 1.5 pH 5.6 to 6.0 | |
| 8 to 10 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 10 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide at 2,500 to 3,200 ppm and / or Paclobutrazol drench application at 1 to 2 ppm for finishing if required

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|------------------------------------|----------------------------------|---|
| Week 4 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Daminozide | Spray fungicide after transplant | |
| Week 5 to 15 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

For additional technical growing information:

RAY™ [CLICK HERE](#)



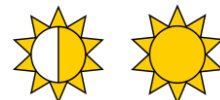
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RIMarkable™

Petunia hybrida



RIMarkable™



- Vigorous, mounded habit that works well in baskets and patio pots
- Blooms early enough for any market
- Mature Width 18" X 24" (46cm x 61cm)

For additional technical growing information:

RIMARKABLE™ [CLICK HERE](#)



RIMarkable™

Petunia hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(18 - 24")
46 – 61 cm



Height

(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-4 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



Light extension in propagation is not required. The variety is well branched so pinching is not need for a quality finish. Daminozide at 1500 ppm the day after sticking. Week 4 – Daminozide @ 2500 ppm.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------|-------------------------|-------|---|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | Daminozide day after sticking | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide spray application at 2,500 ppm | | |

For additional technical growing information:

RIMARKABLEI™ [CLICK HERE](#)



DANZIGER

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RIMarkable™

Petunia hybrida



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|----------------------------------|--|-------------------------------|------------------------------------|---|
| 7 to 8 wks (15 cm) 6 1/2" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 150 - 200 ppm N | Finish stage Daminozide @ 2500 to 3200 ppm |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | Soil EC 1.2 - 1.5 pH 5.6 to 6.0 | |
| 8 to 10 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide @ 2,500 to 3,000 ppm and/or Paclobutrazol drench application at 1 to 2 ppm for finishing if required

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|------------------------------------|----------------------------------|---|
| Week 4 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Daminozide | Spray fungicide after transplant | |
| Week 5 to 14 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

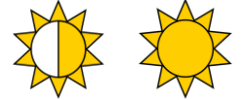
For additional technical growing information:

RIMARKABLEI™ [CLICK HERE](#)



SPLASH DANCE™

Petunia hybrida



- Selected to hold its speckled pattern into the heat
- Mounded habit works well in baskets and combos
- Blooms early enough for any market
- Mature Height and Width 18 inches X 24 inches (46cm x 61cm)

SPLASH DANCE™ Moon Walk

More varieties in the SPLASH DANCE™ series:



SPLASH DANCE™
Calypso Cherry



SPLASH DANCE™
Fuchsia Flamenco



SPLASH DANCE™
Rumba Rose



SPLASH DANCE™
Violet Vogue



SPLASH DANCE™
Bolero Blue



SPLASH DANCE™
Magenta Mambo



SPLASH DANCE™
Purple Polka

For additional technical growing information:

SPLASH DANCE™ [CLICK HERE](#)



SPLASH DANCE™

Petunia hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(18 - 24")
46 - 61 cm



Height

(18 - 24")
46 - 61 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



The series is well branched so pinching is not need for a quality finish. Daminozide at 1500 ppm the day after sticking. Week 4 – Daminozide @ 2500 ppm spray application

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------|-------------------------|---|------------------------------------|----------------------|----------|
| Week 1 | 5.6 / 6.0 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is optional depending on region | Daminozide day after sticking | Day of sticking | |
| Week 2 | 5.6 to 6.0 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.6 to 6.0 | .90 to 1.0 | Cool to 68 F (20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide@ 2500 spray application | | |

For additional technical growing information:

SPLASH DANCE™ [CLICK HERE](#)



SPLASH DANCE™

Petunia hybrida



FINISHING TIPS

- Maintain lower pH levels for optimal Iron (Fe) and Manganese (Mn) availability to plants
- Cool temperature is best for high quality finishing

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|--|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | No pinch necessary | 150 - 200 ppm N | Finish stages Daminozide @ 2500 to 3200 ppm |
| 8 to 9 wks (15 cm) 6 ½" | | Additional lighting is optional depending on region | Soil EC 1.2 - 1.5 pH 5.6 to 6.0 | |
| 8 to 10 wks (20 cm) 8" | 3 plants per container | | | |
| 8 to 10 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Additional Iron (Fe) or Manganese (Mn) may be required depending on water quality and alkalinity
- PGR - Spray Daminozide at 2,500 to 3,200 ppm and / or Paclobutrazol drench application at 1 to 2 ppm for finishing if required. The most vigorous varieties are Bolero Blue, Purple Polka and Violet Vogue

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|---|----------------------------------|---|
| Week 4 Transplant | 5.6 to 6.0 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Daminozide/ Uniconazole tank mix if required | Spray fungicide after transplant | |
| Week 5 to 15 | 5.6 to 6.0 | 1.2 to 1.5 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | N/A | Paclobutrazol Drench at 1 to 2 ppm | | Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size |

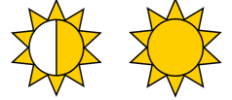
For additional technical growing information:

SPLASH DANCE™ [CLICK HERE](#)



PHLOXSTAR™

Phlox drummondii



PHLOXSTAR™
Pink

- Phloxstar is a rockstar in the garden
- Tested for easy rooting
- Very strong plant that will last all summer long
- Mature height and width is 12 inches x 14 inches (30cm x 36cm)

More varieties in the PHLOXSTAR™ series:



Phloxstar™
White Imp.



Phloxstar™
Magenta



Phloxstar™
Red

For additional technical growing information:

PHLOXSTAR™ [CLICK HERE](#)



 **DANZIGER**
www.danzigeronline.com |   

PHLOXSTAR™

Phlox drummondii



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
(14-16")
36 - 41 cm



Height
(12 - 14")
30 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-------------|-------------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Recommended | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 65° - 68° (18° - 20° C) | | Weeks 3-5 100 to 150 ppm N | Spray fungicide to control Botrytis and bacteria Week 2 |



Irrigation specification – Spray adjuvant after sticking.



Application of IBA or K-IBA can hasten rooting. Lighting in propagation will hasten flowering response - Night interruption or extended day. A pinch is recommended the week prior to transplant or at transplant.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|------------|---------------------------------|--------------------------|----------------------|
| Week 1 | 6.0 / 6.5 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Beneficial | | Day of sticking | Feeding through Mist |
| Week 2 | 6.0 to 6.5 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 6.0 to 6.5 | .80 to .90 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 6.0 to 6.5 | .80 to .90 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 5 | 6.0 to 6.5 | 0.9 to 1.0 | 65 to 68 F (18 to 20 C) | Feed 100 ppm to 150 ppm | | Daminozide as needed @ 1500 ppm | Spray for Powdery Mildew | |

For additional technical growing information:

PHLOXSTAR™ [CLICK HERE](#)



PHLOXSTAR™

Phlox drummondii



FINISHING TIPS

- Spray for Powdery Mildew control
- Cool temperature finishing for best quality

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|----------------------------|
| 7 to 8 wks (12 cm) 5" pot | Average Day 60° - 68° (16° - 20° C) | Pinch is recommended Phlox d. responds to long days to hasten flowering | 100 - 150 ppm N | In liner and finish stages |
| 8 to 9 wks (15 cm) 6 ½" | 60° - 68° (16° - 20° C) | | Soil EC 0.9 - 1.2 pH 6.0 to 6.5 | |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Consistent soil moisture levels are best – allow soil to dry slightly between irrigations
- Scout for Aphids and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|----------|----------------------|----------------------------------|--|
| Week 6 Transplant | 6.0 to 6.5 | 0.9 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as needed | Spray fungicide after transplant | Daminozide @ 2000 to 2500 ppm |
| Week 6 to 13 | 6.0 to 6.5 | .09 to 1.2 | 60 to 68 F (15 to 20 C) | feed 100 to 150 ppm | Optional | Paclobutrazol Drench | | If plants are growing under warm conditions, Paclobutrazol drench application at 0.25 to 0.5 ppm |

For additional technical growing information:

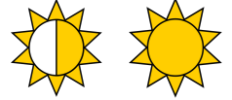
PHLOXSTAR™ [CLICK HERE](#)



 **DANZIGER**
www.danzigeronline.com |   

MEGA PAZZAZ™

Portulaca oleracea



- Brand new series for 2021
- MEGA PAZZAZ™ has extra large blooms on a moderate trailing habit Well suited for gallons and hanging baskets
- Perfect for heat tolerant/drought tolerant programs
- Mature Height and Width 14 inches X 24 inches (36cm x 61cm)

MEGA PAZZAZ™ Tropical Twist

More varieties in the MEGA PAZZAZ™ series:



MEGA PAZZAZ™
Papaya Twist



MEGA PAZZAZ™
Fuchsia



MEGA PAZZAZ™
Pink Twist



MEGA PAZZAZ™
Mango Twist



MEGA PAZZAZ™
Red



MEGA PAZZAZ™
Purple



MEGA PAZZAZ™
Gold



MEGA PAZZAZ™
Orange



MEGA PAZZAZ™
Dark Pink

For additional technical growing information:

MEGA PAZZAZ™ [CLICK HERE](#)



MEGA PAZZAZ™

Portulaca oleracea



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time

Late Spring / Summer
Flowering



Width

(18 - 24")
46- 61 cm



Height

(14 - 16")
36 - 41 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 68° - 70° (20° - 21° C) | | Weeks 3-4 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible/excess misting will create uneven rooting and delay rooting



This genera is top priority for sticking. Remove plants from box upon receiving allowing air-movement around bags. Daminozide at 1500 ppm the day after sticking. Depending on growth, pinch week 3 or at transplant to allow improved branching.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------------------------------------|-------------------------------|----------------------|----------------------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is not required | Daminozide day after sticking | Day of sticking | Feeding through Mist |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 70 F (20 / 21 C) | feed 100 to 150 ppm | | Daminozide as required | | |

For additional technical growing information:

MEGA PAZZAZ™ [CLICK HERE](#)



MEGA PAZZAZ™

Portulaca oleracea



FINISHING TIPS

- Allow plants to dry completely between irrigations
- Maintain warm temperatures allowing plants to develop

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|---|
| 5 to 6 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | Pinch 1 to 2 times | 150 - 200 ppm N | Daminozide @ 2500 ppm or tank mix of Daminozide / Uniconazole for finishing |
| 6 to 7 wks (15 cm) 6 ½" | | Additional lighting will hasten flowering under short days | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| 7 to 9 wks (20 cm) 8" | | | | |
| | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide / Uniconazole tank mix to control height
- Scout for Aphids, Thrips and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|---|-----------------------------------|----------|
| Week 4 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 72 F (20 to 22 C) | feed 100 to 150 ppm | | Daminozide as needed | Drench fungicide after transplant | |
| Week 5 to 12 | 5.8 to 6.2 | 1.2 to 1.5 | 68 to 72 F (20 to 22 C) | feed 100 to 150 ppm | | Daminozide @ 2500 ppm or tank mix of Daminozide / Uniconazole for finishing | | |

For additional technical growing information:

MEGA PAZZAZ™ [CLICK HERE](#)



PAZZAZ NANO™

Portulaca oleracea



PAZZAZ™ NANO
Mango



- Naturally compact, trailing habit that works well for small and mid-sized containers
- Perfect for heat tolerant/drought tolerant programs
- Available in a wide array of vibrant colors
- Mature height and width is 8 inches x 12 inches (20cm x 30cm)

More varieties in the PAZZAZ™ NANO series:



PAZZAZ™ NANO
Deep Orange



PAZZAZ™ NANO
Orange Twist



PAZZAZ™ NANO
Yellow Twist



PAZZAZ™ NANO
Gold



PAZZAZ™ NANO
Tropical Punch



PAZZAZ™ NANO
Fuchsia Imp.



PAZZAZ™ NANO
Candy Pink



PAZZAZ™ NANO
Purple



PAZZAZ™ NANO
Yellow



PAZZAZ™ NANO
Hot Pink



PAZZAZ™ NANO
Orange

For additional technical growing information:

PAZZAZ NANO™ [CLICK HERE](#)



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PAZZAZ NANO™

Portulaca oleracea



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time

Late Spring / Summer
Flowering



Width

(10 - 12")
25- 30 cm



Height

(8 - 10")
20 - 25 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 68° - 70° (20° - 21° C) | | Weeks 3-4 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible/excess misting will create uneven rooting and delay rooting



This genera is top priority for sticking. Remove plants from box upon receiving allowing air-movement around bags. Daminozide at 1500 ppm the day after sticking. Depending on growth, pinch week 3 or at transplant to allow improved branching.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------------------------------------|-------------------------------|----------------------|----------------------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is not required | Daminozide day after sticking | Day of sticking | Feeding through Mist |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 70 F (20 / 21 C) | feed 100 to 150 ppm | | Daminozide as required | | |

For additional technical growing information:

PAZZAZ NANO™ [CLICK HERE](#)



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www.danzigeronline.com |

PAZZAZ NANO™

Portulaca oleracea



FINISHING TIPS

- Allow plants to dry completely between irrigations
- Maintain warm temperatures allowing plants to develop

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|---|
| 5 to 6 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | Pinch Additional lighting will hasten flowering under short days | 150 - 200 ppm N | Daminozide @ 2500 ppm for finishing if required |
| 6 to 7 wks (15 cm) 6 ½" | | | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| 7 to 9 wks (20 cm) 8" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide control height
- Scout for Aphids, Thrips and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|-------------------------------------|-----------------------------------|----------|
| Week 4 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 72 F (20 to 22 C) | feed 100 to 150 ppm | | Daminozide as needed | Drench fungicide after transplant | |
| Week 5 to 12 | 5.8 to 6.2 | 1.2 to 1.5 | 68 to 72 F (20 to 22 C) | feed 100 to 150 ppm | | Daminozide @ 2500 ppm for finishing | | |

For additional technical growing information:

PAZZAZ NANO™ [CLICK HERE](#)



PAZZAZ™

Portulaca oleracea



PAZZAZ™
Red Flare Imp.

- Moderate trailing habit that works well for gallon and hanging basket production
- Perfect for heat tolerant/ drought tolerant programs
- Available in a wide array of vibrant colors
- Mature height and width is 12 inches x 14 inches (30cm x 36cm)

More varieties in the PAZZAZ™ series:



Best Seller

PAZZAZ™
Tangerine



PAZZAZ™
White



Best Seller

PAZZAZ™
Yellow imp.

For additional technical growing information:

[PAZZAZ™ CLICK HERE](#)



DANZIGER

www.danzigeronline.com |

PAZZAZ™

Portulaca oleracea



PROPAGATION TIPS

- Stick on priority – Number 1 out of 4 categories



Flowering time

Late Spring / Summer
Flowering



Width

(14 - 16")
36- 41 cm



Height

(10 - 12")
25 - 30 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 68° - 70° (20° - 21° C) | | Weeks 3-4 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible/excess misting will create uneven rooting and delay rooting



This genera is top priority for sticking. Remove plants from box upon receiving allowing air-movement around bags. Daminozide at 1500 ppm the day after sticking. Depending on growth, pinch week 3 or at transplant to allow improved branching.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|-------------------------------------|-------------------------------|----------------------|----------------------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Additional lighting is not required | Daminozide day after sticking | Day of sticking | Feeding through Mist |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 70 F (20 / 21 C) | feed 100 to 150 ppm | | Daminozide as required | | |

For additional technical growing information:

PAZZAZ™ [CLICK HERE](#)



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PAZZAZ™

Portulaca oleracea



FINISHING TIPS

- Allow plants to dry completely between irrigations
- Maintain warm temperatures allowing plants to develop

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|---|------------------------------------|-------------------------------------|
| 5 to 6 wks (12 cm) 5" pot | Average Day 68° to 72°F (20° to 22°C) | Pinch Additional lighting will hasten flowering under short days | 150 - 200 ppm N | Daminozide @ 2500 ppm for finishing |
| 6 to 7 wks (15 cm) 6 ½" | | | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | |
| 7 to 9 wks | | | | |
| (20 cm) 8" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide control height
- Scout for Aphids, Thrips and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|-------------------------------------|-----------------------------------|----------|
| Week 4 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 72 F (20 to 22 C) | feed 100 to 150 ppm | | Daminozide as needed | Drench fungicide after transplant | |
| Week 5 to 12 | 5.8 to 6.2 | 1.2 to 1.5 | 68 to 72 F (20 to 22 C) | feed 100 to 150 ppm | | Daminozide @ 2500 ppm for finishing | | |

For additional technical growing information:

PAZZAZ™ [CLICK HERE](#)



LION CUB *PPAF*

Rudbeckia hybrida



LION CUB



- Cold Hardiness 8 - 10
- Pom-pom golden flowers do not fade or become brown with age
- Natural June through September flowering response
- Mature height and width is 30 cm x 45 cm (12 x 18 inches)

For additional technical growing information:

LION CUB [CLICK HERE](#)



LION CUB *PPAF*

Rudbeckia hybrida



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time
Spring / Summer
Flowering



Width
41 - 46 cm
(16 - 18")



Height
28 - 30 cm
(11 - 12")

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|---------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 21° - 22°C (70°-72° F) | No | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 18° - 20° C (65° - 68° F) | | Weeks 3-5 100 to 125 ppm N | Day of sticking & Week 2 |



Irrigation specification – Remove from mist as soon as root emerges



Spray adjuvant the day of sticking. Spray broad spectrum fungicide to prevent Botrytis day of sticking and week 2.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|---------------------------------|------------------------|--------------------------------|------------------------------|----------------------------|----------|
| Week 1 | 5.6 / 6.2 | 0.80 | 70 / 72 F (21 / 22 C) | 50 ppm N in mist | Required 12 Hr daylength | | Day of sticking | |
| Week 2 | 5.6 to 6.2 | .80 to .90 | 70 / 72 C (21 / 22 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.5 | .90 to 1.0 | Cool to 68 / 70 F (20/ 21 C) | Feed 100 ppm N | | | | |
| Week 4 | 5.8 to 6.5 | .90 to 1.0 | 68 to 70 F (20 to 21 C) | Feed 100 ppm N | | | | |
| Week 5 | 5.8 to 6.5 | .90 to 1.0 | 68 to 70 F (20 to 21 C) | Feed 100 to 150 ppm | | Should not be required | | |

For additional technical growing information:

LION CUB [CLICK HERE](#)



LION CUB *PPAF*

Rudbeckia hybrida



FINISHING TIPS

- No pinch should be needed
- Naturally compact plant habit
- Spray for bacterial leaf diseases

| Average Time (from liners) | Temperature | Pinch/Daylength Modification | Fertilization | Plant Growth Regulator |
|----------------------------|------------------------|---|------------------------------------|---|
| 8 to 10 wks | Average Day | Pinch not required/ short day flowering response | 100 - 150 ppm N | Should not be required Naturally compact |
| 15 cm (1 gallon) | (20° to 21°C) | | | |
| 8 to 10 wks | 3 plants per container | | Soil EC 0.8 – 1.0 pH 5.8 to 6.5 | |
| 20 cm (2 gallon) | | | | |

| | | Recommended Chemicals |
|----------|--------------|--|
| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Short Day Flowering Response – June through September
- Natural foliar disease resistance
- Maintain good airflow and allow plants to dry between irrigations
- Drench after transplant for Rhizoctonia and Pythium / Phytophthora

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|-------------------|------------|------------|----------------------------|---------------------|-------|-----|--|-----------------------------------|
| Week 6 Transplant | 5.8 to 6.2 | 0.8 to 1.0 | 68° to 70° F (20° to 21°C) | feed 100 to 150 ppm | | | Drench fungicide after transplant | Control of Pythium & Phytophthora |
| Week 6 to 13 | 5.8 to 6.2 | 0.8 to 1.0 | 65° to 68° F (18° to 20°C) | feed 150 to 200 ppm | | | Spray fungicide in finishing protocols | Control of Bacterial Leaf Blights |

For additional technical growing information:

LION CUB [CLICK HERE](#)

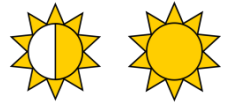


SALLYFUN™

Salvia farinacea



Blue Lagoon



- Fast growth rate and early bloomer
- Full plant with upright habit
- Strong flower pedicle
- Flower timing matched across the colors

More varieties in the SALLYFUN™ series:

Medium



SALLYFUN™
Bicolor Blue



SALLYFUN™
Blue Ice



SALLYFUN™
Blue



SALLYFUN™
Deep Ocean



SALLYFUN™
Pure White

Large



SALLYFUN™
Blue Emotion



SALLYFUN™
Sky Blue



SALLYFUN™
Snowwhite

For additional technical growing information:

SALLYFUN™ [CLICK HERE](#)



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SALLYFUN™

Salvia farinacea



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10 - 14")
25- 36 cm



Height

(14 - 20")
36 - 46 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|----------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Optional | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 65° - 70° (18° - 21° C) | | Weeks 3-4 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



Spray adjuvant at sticking . Daminozide at 2000 ppm the day after sticking.
Depending on growth, pinch week 3 or at transplant to allow improved branching.

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|---------|-------------------------------|----------------------|----------------------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Neutral | Daminozide day after sticking | Day of sticking | Feeding through Mist |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 / 20 C) | feed 100 to 150 ppm | | Daminozide as required | | |

For additional technical growing information:

SALLYFUN™ [CLICK HERE](#)



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SALLYFUN™

Salvia farinacea



FINISHING TIPS

- Allow plants to dry between irrigations
- Sallyfun Salvia will flower easily for early season requirements

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|-------------------------------|------------------------------------|-------------------------------------|
| 5 to 6 wks (12 cm) 5" pot | Average Day 65° to 68°F (18° to 20°C) | Pinch Day Neutral | 150 - 200 ppm N | Daminozide @ 2500 ppm for finishing |
| 6 to 7 wks (15 cm) 6 ½" | | | Soil EC 1.0 - 1.5 pH 5.8 to 6.2 | Paclobutrazol 1 to 2 ppm drench |
| 7 to 9 wks (20 cm) 8" | 3 plants per container | | | |
| 7 to 9 wks | | | | |
| (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide for height control / Paclobutrazol drench for finishing
- Scout for Aphids, Leafminors and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|---|-----------------------------------|---|
| Week 4 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 72 F (20 to 22 C) | feed 100 to 150 ppm | | Daminozide @ 2500 ppm as needed | Drench fungicide after transplant | |
| Week 5 to 12 | 5.8 to 6.2 | 1.2 to 1.5 | 68 to 72 f (20 to 22 C) | feed 100 to 150 ppm | | Paclobutrazol @ 1 to 2 ppm drench to finish | | Paclobutrazol drench when flower bud emerge |

For additional technical growing information:

SALLYFUN™ [CLICK HERE](#)



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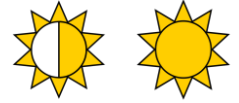
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TALYA™

Sanvitalia speciosa



TALYA™ Great Yellow



- Heat and weather tolerant
- Naturally branched so no pinch necessary
- Great in 12 cm/quarts item and combinations
- Mature height and width is 10" x 14" (25 cm x 36 cm)



TALYA™ Bright

For additional technical growing information:

TALYA™ [CLICK HERE](#)



TALYA™

Sanvitalia speciosa



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(15 - 20")
38 - 51 cm



Height

(8 - 10")
20 - 25 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-----------|---------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Suggested | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 100 ppm N | Apply broad spectrum Week 2 |



- Spray adjuvant at sticking. Remove from mist as soon as possible



- Maintain warm temperatures allowing plants to develop
- Average daily temperature of 70 F
- Spray fungicide to control botrytis

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|----------------------------------|------------------|-------|------------------------|----------------------|----------|
| Week 1 | 5.5 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Day of sticking | |
| Week 2 | 5.5 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.5 to 6.2 | .80 to .90 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm N | | | | |
| Week 4 | 5.5 to 6.2 | .80 to .90 | 68 to 70 F (20 to 21 C) | Feed 100 ppm N | | Should not be required | | |

For additional technical growing information:

TALYA™ [CLICK HERE](#)



 **DANZIGER**

www.danzigeronline.com |   

TALYA™

Sanvitalia speciosa



FINISHING TIPS

- Allow soil to dry between irrigations
- Maintain a low EC level for proper growth and sizing of plant
- Transplant liners when plants are rooted and actively growing

| Average Time (from liners) | Temperature | Pinch/Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|------------------------------------|------------------------------------|-------------------------------|
| 6 to 8 wks (12 cm) 5" pot | Average Day 68° - 70° (20° - 21° C) | Pinch –No Daylength Neutral | 100 - 125 ppm N | Daminozide @ 2000 to 2500 ppm |
| 8 to 10 wks (15 cm) 6 ½" | 68° - 70° (20° - 21° C) | | Soil EC 0.8 - 1.0 pH 5.5 to 6.2 | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|---|
| | Thrips | METHIACARB, ACINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRADIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- Saturated soil conditions will increase disease pressure
- Spray broad spectrum fungicide after transplant
- Scout and spray for Powdery Mildew
- Scout for Aphids, Fungus Gnats and Shore Flies on regular basis

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|-----------------------|-------------|-------------------------------|--------------------------------|----------|
| Week 5 Transplant | 5.5 to 6.2 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 125 ppm N | Day neutral | Daminozide @ 2000 to 2500 ppm | Drench fungicide at transplant | |
| Week 6 to 13 | 5.5 to 6.2 | 0.8 to 1.0 | 65 to 68 F (18 to 20 C) | feed 100 to 125 ppm N | | | Spray for Powdery Mildew | |

For additional technical growing information:

TALYA™ [CLICK HERE](#)



BLESSING™

Scaevola aemula



BLESSING™
Bicolor Lavender



- Vigorous plant habit
- Large flowers
- Semi upright spreading structure is perfect for hanging baskets and combinations
- Semi upright structure is perfect for quarts and larger pots
- Well suited for heat tolerant programs

More varieties in the BLESSING™ lineup:



BLESSING™
Lavender



BLESSING™
Pink

For additional technical growing information:

[BLESSING™ CLICK HERE](#)



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BLESSING™

Scaevola aemula



PROPAGATION TIPS

- Stick on priority – Number 4 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10 - 16")
25 - 41 cm



Height

(6 - 10")
20 - 25 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-------------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Recommended | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 100 to 150 ppm N | Apply broad spectrum Week 2 |



Misting specification - Remove from mist as soon as possible
Do not over-mist or saturate soil - Spray adjuvant at sticking



- Maintain warm temperatures allowing plants to develop.
- Spray Daminozide at 2000 to 2500 ppm as required
- Pinch is recommended week 4 or at transplant

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-----------------------|-------------------------|--------------|----------------------|----------------------|-------------------------------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | 72 / 74 F (22 / 23 C) | Feed 100 ppm to 150 ppm | Not required | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | Feed 100 to 150 ppm | Not required | | | |
| Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | Feed 100 to 150 ppm | Not required | Daminozide as needed | | Daminozide @ 2000 to 2500 ppm |

For additional technical growing information:

BLESSING™ [CLICK HERE](#)



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BLESSING™

Scaevola aemula



FINISHING TIPS

- Keep the temperatures moderately warm to allow plants to continue to develop (average daily temperature at 68 to 70 F (20 to 21 C))

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|-------------------------------------|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° - 70° (20° - 21° C) | Pinch –Yes | 150 - 200 ppm N | Spray Daminozide @ 2500 to 3750 ppm |
| 8 to 9 wks (15 cm) 6 ½" | | Night interruption or extended day- Optional | Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | Paclobutrazol drench @ 1 to 2 ppm |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide at 2500 to 3750 ppm for finishing plants
- Paclobutrazol drench application at 1 to 2 ppm for finishing if required
- Drench a broad spectrum fungicide after transplant
- Scout for Aphids and Fungus Gnats and Mites

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|----------------------------------|----------------------------------|-------------------------------------|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 70 F (20 to 21 C) | feed 100 to 150 ppm | | B-9 as needed | Spray fungicide after transplant | Spray Daminozide @ 2500 to 3750 ppm |
| Week 6 to 13 | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 70 F (20 to 21 C) | feed 100 to 150 ppm | | Paclobutrazol Drench if required | | Paclobutrazol drench @ 1 to 2 ppm |

For additional technical growing information:

BLESSING™ [CLICK HERE](#)



TOUCH™

Scaevola aemula



TOUCH™
Indigo

- The White Touch™ variety remains pure white even in low temp
- White Touch™ and Blue Touch™ are great for baskets and combos
- Mature height and width is 30 cm x 20 cm (12 x 8 inches)

More varieties in the TOUCH™ lineup:



Best Seller

TOUCH™
Blue



Best Seller

TOUCH™
White



TOUCH™
Baby Pink

For additional technical growing information:

TOUCH™ [CLICK HERE](#)



 **DANZIGER**

www.danzigeronline.com |   

TOUCH™

Scaevola aemula



PROPAGATION TIPS

- Stick on priority – Number 4 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10 - 16")
25 - 41 cm



Height

(6 - 10")
20 - 25 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|-------------|----------------------------|--|
| 5 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Recommended | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 5 68° - 70° (20° - 21° C) | | Weeks 3-5 100 to 150 ppm N | Apply broad spectrum Week 2 |



Misting specification - Remove from mist as soon as possible
Do not over-mist or saturate soil - Spray adjuvant at sticking



- Maintain warm temperatures allowing plants to develop.
- Spray Daminozide at 2000 to 2500 ppm as required
- Pinch is recommended week 4 or at transplant

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-----------------------|-------------------------|--------------|----------------------|----------------------|-------------------------------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Day of sticking | |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Not required | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | 72 / 74 F (22 / 23 C) | Feed 100 ppm to 150 ppm | Not required | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | Feed 100 to 150 ppm | Not required | | | |
| Week 5 | 5.8 to 6.2 | 1.0 to 1.2 | 70 F (21 C) | Feed 100 to 150 ppm | Not required | Daminozide as needed | | Daminozide @ 2000 to 2500 ppm |

For additional technical growing information:

TOUCH™ [CLICK HERE](#)



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TOUCH™

Scaevola aemula



FINISHING TIPS

- Keep the temperatures moderately warm to allow plants to continue to develop (average daily temperature at 68 to 70 F (20 to 21 C))

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|---|-------------------------------------|
| 6 to 7 wks (12 cm) 5" pot | Average Day 68° - 70° (20° - 21° C) | Pinch –Yes Night interruption or extended day- Optional | 150 - 200 ppm N Soil EC 1.0 - 1.2 pH 5.8 to 6.2 | Spray Daminozide @ 2500 to 3750 ppm |
| 8 to 9 wks (15 cm) 6 ½" | | | | Paclobutrazol drench @ 1 to 2 ppm |
| 8 to 9 wks (20 cm) 8" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide at 2500 to 3750 ppm for finishing plants
- Paclobutrazol drench application at 1 to 2 ppm for finishing if required
- Drench a broad spectrum fungicide after transplant
- Scout for Aphids and Fungus Gnats and Mites

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|----------------------------------|----------------------------------|-------------------------------------|
| Week 5 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 70 F (20 to 21 C) | feed 100 to 150 ppm | | B-9 as needed | Spray fungicide after transplant | Spray Daminozide @ 2500 to 3750 ppm |
| Week 6 to 13 | 5.8 to 6.2 | 1.0 to 1.2 | 68 to 70 F (20 to 21 C) | feed 100 to 150 ppm | | Paclobutrazol Drench if required | | Paclobutrazol drench @ 1 to 2 ppm |

For additional technical growing information:

TOUCH™ [CLICK HERE](#)

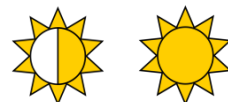


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VANESSA™

Verbena x hortensis



- Strong show of color at retail and in the garden
- Tested for mildew tolerance and cycling of color
- Mature height and width is 10 inches x 18 inches (25cm x 46cm)

VANESSA™ Bicolor Light Pink

More varieties in the VANESSA™ series:



VANESSA™
Magenta



VANESSA™
Bicolor Purple



VANESSA™
Bicolor Indigo



VANESSA™
Bicolor Pink



VANESSA™
White Imp.



VANESSA™
Optik Grape



VANESSA™
Dark Pink



VANESSA™
Purple



VANESSA™
Red

For additional technical growing information:

VANESSA™ [CLICK HERE](#)



 **DANZIGER**

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VANESSA™

Verbena x hortensis



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(14 - 20")
36 - 51 cm



Height

(10 - 14")
25 - 36 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|--------------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Not required | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 65° - 70° (18° - 21° C) | | Weeks 3-4 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



Spray adjuvant at sticking . Daminozide at 2000 ppm the day after sticking
No pinch is necessary for producing an excellent liner

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|---------|-------------------------------|----------------------|----------------------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Neutral | Daminozide day after sticking | Day of sticking | Feeding through Mist |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as required | | |

For additional technical growing information:

VANESSA™ [CLICK HERE](#)



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VANESSA™

Verbena x hortensis



FINISHING TIPS

- Verbena respond well to Negative DIF to control height
- Verbena Vanessa™ will flower easily for early season requirements

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------|-------------------------------------|
| 5 to 6 wks (12 cm) 5" pot | Average Day 60° to 68°F (16° to 20°C) | No pinch is necessary Day Neutral | 150 - 200 ppm N | Daminozide @ 2500 ppm for finishing |
| 6 to 7 wks (15 cm) 6 ½" | | | | |
| 7 to 8 wks (20 cm) 8" | | | 3 plants per container | |
| 7 to 8 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIACARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRADIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide for height control / Paclobutrazol drench for finishing
- Scout for Aphids, Leafminors, Thrips and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|-----------------------------------|-----------------------------------|--|
| Week 4 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 60 to 68 F (15 to 20 C) | feed 100 to 150 ppm | | Daminozide @ 2500 ppm as needed | Drench fungicide after transplant | |
| Week 5 to 12 | 5.8 to 6.2 | 1.2 to 1.5 | 60 to 68 F (15 to 20 C) | feed 100 to 150 ppm | | Paclobutrazol @ 1 to 2 ppm drench | | Paclobutrazol drench when plants reach 85% of desired size |

For additional technical growing information:

VANESSA™ [CLICK HERE](#)



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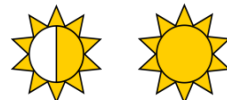
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VANESSA™ COMPACT

Verbena x hortensis



**VANESSA™ COMPACT
Bordeaux**



- Tested for mildew tolerance and cycling of color
- This sub series of high performing Vanessa has a naturally controlled habit
- Little to no PGR needed
- Mature height and width is 8 inches x 12 inches (25cm X 30cm)

More varieties in the VANESSA™ COMPACT series:



**VANESSA™ COMPACT
Rosa**



**VANESSA™ COMPACT
Bicolor Purple**



**VANESSA™ COMPACT
Bicolor Rose**



**VANESSA™ COMPACT
Deep Pink**



**VANESSA™ COMPACT
Lavender**



**VANESSA™ COMPACT
Lime**



**VANESSA™ COMPACT
Neon Pink**



**VANESSA™ COMPACT
Optik Lavender**



**VANESSA™ COMPACT
Pink**



**VANESSA™ COMPACT
Red**



**VANESSA™ COMPACT
Violet**



**VANESSA™ COMPACT
White**

For additional technical growing information:

[VANESSA™ COMPACT CLICK HERE](#)



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VANESSA™ COMPACT

Verbena x hortensis



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(10 - 14")
25 - 36 cm



Height

(6 - 10")
15- 20 cm

| Average Time | Temperature | Hormone | Fertilization | Fungicide |
|--------------|--|--------------|----------------------------|--|
| 4 weeks | Weeks 1 - 2 70°-72° F (21° - 22°C) | Not required | Weeks 1-2 50 ppm N | Spray fungicide to control Botrytis and bacteria day of sticking |
| | Weeks 3 - 4 65° - 70° (18° - 21° C) | | Weeks 3-4 100 to 150 ppm N | Day of sticking & Week 2 |



Irrigation specification – Reduce mist as soon as possible



Spray adjuvant at sticking . Daminozide at 2000 ppm the day after sticking
No pinch is necessary for producing an excellent liner

| Rooting | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|---------|------------|------------|-------------------------------|-------------------------|---------|-------------------------------|----------------------|----------------------|
| Week 1 | 5.8 / 6.2 | 0.80 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | Neutral | Daminozide day after sticking | Day of sticking | Feeding through Mist |
| Week 2 | 5.8 to 6.2 | .80 to .90 | 72 / 74 F (22 / 23 C) | 50 ppm N in mist | | | Second fungicide app | |
| Week 3 | 5.8 to 6.2 | .90 to 1.0 | Cool to 68 / 70 F (20 / 21 C) | Feed 100 ppm to 150 ppm | | | | |
| Week 4 | 5.8 to 6.2 | 1.0 to 1.2 | 65 to 68 F (18 to 20 C) | feed 100 to 150 ppm | | Daminozide as required | | |

For additional technical growing information:

VANESSA™ COMPACT [CLICK HERE](#)



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VANESSA™ COMPACT

Verbena x hortensis



FINISHING TIPS

- Verbena respond well to Negative DIF to control height
- Verbena Vanessa™ will flower easily for early season requirements

| Average Time (from liners) | Temperature | Pinch/ Daylength Modification | Fertilization | Plant Growth Regulator |
|------------------------------|--|--|------------------------------------|--|
| 5 to 6 wks (12 cm) 5" pot | Average Day 60° to 68°F (16° to 20°C) | No pinch is necessary Day Neutral | 150 - 200 ppm N | Daminozide @ 2500 ppm for finishing Paclobutrazol @ 1 to 2 ppm drench to finish |
| 6 to 7 wks (15 cm) 6 ½" | | | Soil EC 1.0 - 1.5 pH 5.8 to 6.2 | |
| 7 to 8 wks (20 cm) 8" | 3 plants per container | | | |
| 7 to 8 wks (25 cm) 10" | 3 plants per container | | | |

| Pests | Aphids | ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS |
|-----------------|--------------|--|
| | Thrips | METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD |
| Diseases | Botrytis | CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN |
| | Pythium | PROPAMOCARB |
| | Phytophthora | PROPAMOCARB |



- PGR - Spray Daminozide for height control / Paclobutrazol drench for finishing
- Scout for Aphids, Leafminors, Thrips and Whiteflies

| Finishing | pH | EC | Temp | Feed | Light | PGR | Fungicide | Comments |
|--------------------------|------------|------------|-------------------------|---------------------|-------|-----------------------------------|-----------------------------------|--|
| Week 4 Transplant | 5.8 to 6.2 | 1.0 to 1.2 | 60 to 68 F (15 to 20 C) | feed 100 to 150 ppm | | Daminozide @ 2500 ppm as needed | Drench fungicide after transplant | |
| Week 5 to 12 | 5.8 to 6.2 | 1.2 to 1.5 | 60 to 68 F (15 to 20 C) | feed 100 to 150 ppm | | Paclobutrazol @ 1 to 2 ppm drench | | Paclobutrazol drench when plants reach 85% of desired size |

For additional technical growing information:

VANESSA™ COMPACT [CLICK HERE](#)

