

# DANZIGER ANNUALS

Technical Product Pages

2023-2024





# AGUILERA™

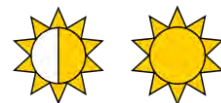
Ageratum houstonianum



**Aguilera™ Sky Blue**



**Aguilera™ Violet**



- Early flowering time
- Well matched series of 5 colors
- 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 Botyrtis



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	50 ppm N in mist			Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 70 F	Feed 100 ppm to 125 ppm N		Daminozide as needed		
Week 4	5.8 to 6.2	1.0 to 1.2	70 F	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	Average Day	Pinch – Optional	150 - 200 ppm N	In liner and finish stages as required
(12 cm) 5" pot	68° to 72°F (20° to 22°C)			
6 to 8 wks	Weeks 3 – 5 65° - 68° (18° - 20° C)	Night interruption or extended day- Optional	Soil EC 1.0 - 1.2	
(15 cm) 6 ½"			pH 5.8 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



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
<b>Week 5 Transplant</b>	5.7 to 6.2	1.0 to 1.2	65 to 68 f	feed 150 to 200 ppm	optional	Daminozide as needed	Spray fungicide after transplant	
<b>Week 5 to 12</b>	5.7 to 6.2	1.0 to 1.2	65 to 68 f	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



BRAND  
NEW 24



**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.**



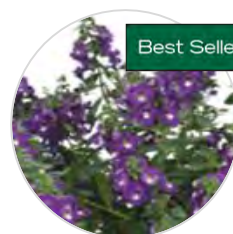
**ALONIA™ BIG  
Bicolor Purple**



**ALONIA™ Big Snow**



**ALONIA™ Big Dark Pink**



**ALONIA™ Big Indigo**

For additional technical growing information:

ALONIA™ [CLICK HERE](#)



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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	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	72 / 74 F	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	Feed 100 to 150 ppm	Not required	Daminozide as needed		
Week 5	5.8 to 6.2	1.0 to 1.2	68 F	Feed 100 to 150 ppm	Not required	Daminozide as needed		

For additional technical growing information:

ALONIA™ [CLICK HERE](#)





# 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	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)	Night interruption or extended day- Optional	Soil EC 1.0 - 1.2 pH 5.5 to 6.0	
(15 cm) 6 ½”				

Pests	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrip	METHIOCARB, ACINATHRIN, 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
<b>Week 5 Transplant</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm		B-9 as needed	Spray fungicide after transplant	
<b>Week 6 to 13</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	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](#)



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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™

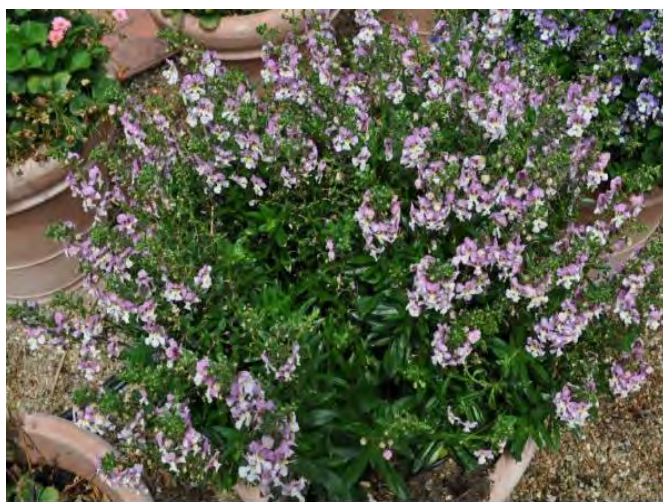
Angelonia angustifolia



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



Metrolina Greenhouse (NC)



Colorado State Univ



Youngs Plant Farm (AL)



Mast Young  
Plants (MI)



Raker Robertas  
(MI)

For additional technical growing information:

ALONIA™ [CLICK HERE](#)



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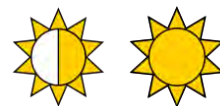


# ANGELIC™

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**



**SUNNY SPRING™**



**EVEREST™**



**ANGELIC™ Ruby**



**Mars™**



**NEPTUNE™**

For additional technical growing information:

ANGELIC™ [CLICK HERE](#)





# 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	50 ppm N in mist			Day of sticking	
Week 2	5.8 to 6.0	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.0	.90 to 1.0	Cool to 70 – 68 F	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	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
<b>Week 5 Transplant</b>	5.7 to 6.0	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm	Day Neutral	Daminozide as needed	Spray fungicide after transplant	
<b>Week 5 to 13</b>	5.7 to 6.0	1.0 to 1.2	65 to 68 f	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:

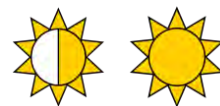
ANGELIC™ [CLICK HERE](#)





# LOLLIES™

*Argyranthemum frutescens*



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

## LOLLIES™ Berry Gummy

More varieties in the LOLLIES™ series:



LOLLIES™  
Pink Pez



LOLLIES™  
Buttermint



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	50 ppm N in mist			Day of sticking	
Week 2	5.8 to 6.0	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.0	.90 to 1.0	Cool to 70 – 68 F	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	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	Diseases
Aphids	Botrytis
Thrip	Pythium
	Phytophthora



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
<b>Week 5 Transplant</b>	5.7 to 6.0	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm	Day Neutral	Daminozide as needed	Spray fungicide after transplant	
<b>Week 5 to 13</b>	5.7 to 6.0	1.0 to 1.2	65 to 68 f	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](#)

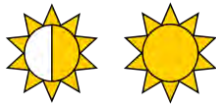


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# SCOPIA® GULLIVER™

Bacopa / Sutera



**SCOPIA® GULLIVER™ Pink**

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

More varieties in the GULLIVER™ series:



**SCOPIA® GULLIVER™  
White Improved**



**SCOPIA® GULLIVER™  
Dynamic White**



**SCOPIA® GULLIVER™  
Violet**



**SCOPIA® GULLIVER™  
Blue Sensation**



**SCOPIA® GULLIVER™  
Blue**



**SCOPIA® GULLIVER™  
Pink Heart Improved**

For additional technical growing information:

[SCOPIA® GULLIVER™ \*\*CLICK HERE\*\*](#)





# SCOPIA GULLIVER™

Bacopa / Sutera



## PROPAGATION TIPS

Stick on priority – Number 1 out of 4 categories



Flowering time

# 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	Average Day	Pinch / Optional	100 - 150 ppm N	Spray application of Daminozide if required
(12 cm) 5" pot	65° - 68° (18° - 20° C)			
8 to 9 wks	65° - 68° (18° - 20° C)	No lighting necessary	Soil EC 0.8 - 1.0	
(15 cm) 6 ½"			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	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	feed 100 to 150 ppm	Not Required			

For additional technical growing information:

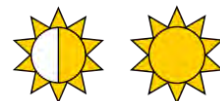
SCOPIA® GULLIVER™ [CLICK HERE](#)





# SCOPIA® GULLIVER™ COMPACT

Bacopa / Sutera



**SCOPIA® GULLIVER™**  
**Compact Rosa**

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

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



# 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	Average Day	Pinch / Optional	100 - 150 ppm N	Spray application of Daminozide if required
(12 cm) 5" pot	65° - 68° (18° - 20° C)			
8 to 9 wks	65° - 68° (18° - 20° C)	No lighting necessary	Soil EC 0.8 - 1.0	
(15 cm) 6 ½"			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	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	feed 100 to 150 ppm	Not Required			

For additional technical growing information:

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



# DOUBLET™

Begonia semperflorens



**DOUBLET™ White**



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

More varieties in the DOUBLET™ series:



**Doublet™ Red**



**Doublet™ Rose**



**Doublet™ Pink**

For additional technical growing information:

DOUBLET™ [CLICK HERE](#)



[www.danzigeronline.com](http://www.danzigeronline.com) | [D](#) [I](#) [N](#) [F](#)



# 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	50 ppm N in mist			Day of sticking	
Week 2	5.5 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.7 to 6.2	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm N				
Week 4	5.7 to 6.2	0.9 to 1.0	68 F	feed 100 ppm N				

For additional technical growing information:

DOUBLET™ [CLICK HERE](#)



[www.danzigeronline.com](http://www.danzigeronline.com) |

# 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	Average Day	No pinch should be required	100 - 150 ppm N	at 750 to 1,500 PPM
(12 cm) 5" pot	68° to 72°F (20° to 22°C)			
6 to 8 wks			Soil EC 1.0 - 1.2 pH 5.7 to 6.2	
(15 cm) 6 ½"				

		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	feed 100 to 150 ppm	Day Neutral	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	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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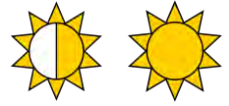


# TIMELESS™ COLLECTION

*Bidens ferulifolia*



**Blazing Star™**



- 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™**



**Yellow Crown™**

## MOUNDED/SEMI-TRAILING



**Blazing Glory™**



**Yellow Charm™**

## UPRIGHT



**Golden Empire™**



**White Delight™ Imp.**

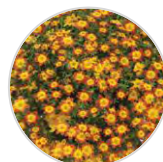


**Pretty In Pink™ Imp.**



**Sunshine Double™**

## MOUNDED



**Blazing Fire™**



**Blazing Ring of Fire™**



**Blazing Volcano™**



**Mega Charm™**



**Yellow Sunshine™**

For additional technical growing information:

**BIDENS™ [CLICK HERE](#)**



**DANZIGER**

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TIMELESS™ COLLECTION

# BIDENS™

*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	50 ppm N in mist			Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 70 – 68 F	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	feed 100 to 150 ppm		Daminozide as needed		

For additional technical growing information:

BIDENS™ [CLICK HERE](#)





# BIDENS™

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	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	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:

BIDENS™ [CLICK HERE](#)



TIMELESS™ COLLECTION

# BIDENS™

*Bidens ferulifolia*



Israel, 2022



Konklin, 2022



Israel, 2022



For additional technical growing information:

BIDENS™ [CLICK HERE](#)



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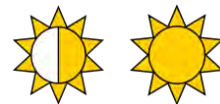
# FRESCO™

*Brachyscome angustifolia*



**FRESCO™ Bright Pink**

EU & ROW  
ONLY



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

More varieties in the FRESCO™ series:



**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	50 ppm N in mist			Day of sticking	
Week 2	5.6 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist		750 ppm Daminozide	Second fungicide app	
Week 3	5.6 to 6.2	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm to 150 ppm		Daminozide as needed		
Week 4	5.6 to 6.2	.90 to 1.0	65 to 68 F	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	Average Day	Pinch  No lighting required for flowering	100 - 150 ppm N	In liner and finish stages
(12 cm) 5" pot	68° to 72°F (20° to 22°C)			
8 to 10 wks	Weeks 3 – 5		Soil EC 0.8 - 1.0	
(15 cm) 6 ½"	61° - 68° (16° - 20° C)		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
<b>Week 5 Transplant</b>	5.6 to 6.2	0.8 to 1.0	65 to 68 f	feed 100 to 150 ppm	Day Neutral	Daminozide as needed	Spray fungicide after transplant	
<b>Week 5 to 13</b>	5.6 to 6.2	0.8 to 1.0	65 to 68 f	feed 100 to 150 ppm	Not Required			

For additional technical growing information:

FRESCO™ [CLICK HERE](#)





# FRESCO™

*Brachyscome angustifolia*



LVG Bad Zwischenahn, 2022



Israel, 2021



Israel, 2019



Flower trials 2022



Flower trials 2022

For additional technical growing information:

[FRESCO™ CLICK HERE](#)





# CHEERS™

Calendula hybrida



**CHEERS™ Tangerine**



Large flowered varieties

Both heat and cold tolerant

Flowers are edible

Mature Height and Width is  
10" X 16" (25cm x 40cm)



**CHEERS™ Yellow**

For additional technical growing information:

[CLICK HERE](#)



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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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.7 to 6.3	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.7 to 6.3	1.0 to 1.2	68 F	Feed 100 ppm to 150 ppm				
Week 5	5.7 to 6.3	1.0 to 1.2	68 F	Feed 100 ppm to 150 ppm		Daminozide as needed		

For additional technical growing information:

[CLICK HERE](#)



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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  No lighting 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)		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	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	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:

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# COLIBRI™

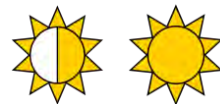
Calibrachoa hybrida



BRAND NEW 24



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™  
Exotic Red Bling



COLIBRI™  
Dark Lavender



COLIBRI™  
Pure White



COLIBRI™  
Abstract Guava



COLIBRI™  
Pink Bling



COLIBRI™  
Purple Bling



COLIBRI™  
Bright Red



COLIBRI™  
Blizzard



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™  
Double Copper



COLIBRI™  
Double Deep Purple



COLIBRI™  
Double Violet

EU & ROW  
ONLY

EU & ROW  
ONLY

EU & ROW  
ONLY

For additional technical growing information:

COLIBRI™ [CLICK HERE](#)



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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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.2 to 5.8	.90 to 1.0	Cool to 70 – 68 F	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	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	Feed 100 ppm to 150 ppm	Optional	Daminozide as needed		

For additional technical growing information:

COLIBRI™ [CLICK HERE](#)



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# 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	Average Day	No pinch necessary	100 - 150 ppm N	In liner and finish stages
(12 cm) 5” pot	68° to 72°F (20° to 22°C)			
8 to 9 wks	Weeks 3 – 5 65° - 68° (18° - 20° C)	No lighting necessary	Soil EC 1.0 - 1.2 pH 5.5 to 6.0	
(15 cm) 6 ½”				
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	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	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](#)





# COLIBRI™

Calibrachoa hybrida



For additional technical growing information:

COLIBRI™ [CLICK HERE](#)





# COLIBRI™

Calibrachoa hybrida



For additional technical growing information:

COLIBRI™ [CLICK HERE](#)

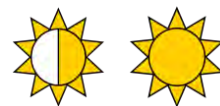


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# EYECONIC™

Calibrachoa hybrida



**EYECONIC™ Pink**

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™  
Apricot**



**EYECONIC™  
Peach**



**EYECONIC™  
Cherry Blossom**



**EYECONIC™  
Strawberry**



**EYECONIC™  
Compact Sunset**



**EYECONIC™  
Purple**

For additional technical growing information:

EYECONIC™ [CLICK HERE](#)



# EYECONIC™

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	50 ppm N in mist			Day of sticking	
Week 2	5.2 to 5.8	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.2 to 5.8	.90 to 1.0	Cool to 70 – 68 F	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	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	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	Average Day	No pinch necessary	100 - 150 ppm N	In liner and finish stages
(12 cm) 5" pot	65° - 68° (18° - 20° C)			
8 to 9 wks	65° - 68° (18° - 20° C)	No lighting necessary	Soil EC 1.0 - 1.2 pH 5.5 to 6.0	
(15 cm) 6 ½"				
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
<b>Week 6 Transplant</b>	5.6 to 6.0	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm	Day Neutral	Daminozide as needed	Spray fungicide after transplant	
<b>Week 6 to 12</b>	5.6 to 6.0	1.0 to 1.2	65 to 68 f	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](#)



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[www.danzigeronline.com](http://www.danzigeronline.com) |   

# EYECONIC™

Calibrachoa hybrida



Konklin, 2022



Sawaya Waterford, 2022



Konklin, 2022



MYP, 2022



For additional technical growing information:

EYECONIC™ [CLICK HERE](#)





# LIA™

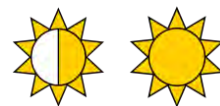
Calibrachoa hybrida



BRAND  
NEW 24



LIA™ Violet



- 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™ Spark Pink



LIA™ Yellow Imp,



LIA™ Abstract Pink



LIA™ Cranberry



LIA™ Blue



LIA™  
Bubblegum`



LIA™ Dark Red



LIA™ Glaze



LIA™ Melon



LIA™ Raspberry



LIA™  
Amethyst Bling

EU & ROW  
ONLY

For additional technical growing information:

LIA™ [CLICK HERE](#)



 **DANZIGER**  
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# 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	50 ppm N in mist			Day of sticking	Feeding through Mist
Week 2	5.2 to 5.8	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.2 to 5.8	.90 to 1.0	Cool to 70 – 68 F	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	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	Feed 100 ppm to 150 ppm	Optional	Daminozide as needed	Week 5	

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LIA™

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 9 wks (20 cm) 8"				
8 to 9 wks (25 cm) 10"	8 to 9 wks 3 plants per container			

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

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# LIA™

Calibrachoa hybrida



## Sawaya Waterford 2022



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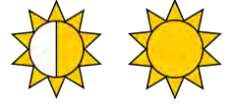


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# OMBRE™

Calibrachoa hybrida



OMBRE™ Purple

- 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™ Sunrise



OMBRE™ Blue



OMBRE™ Pink



OMBRE™ Yellow

For additional technical growing information:

OMBRE™ [CLICK HERE](#)



# 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	50 ppm N in mist			Day of sticking	Feeding through Mist
Week 2	5.2 to 5.8	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.2 to 5.8	.90 to 1.0	Cool to 70 – 68 F	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	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	Feed 100 ppm to 150 ppm	Optional	Daminozide as needed		

For additional technical growing information:

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# 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	Average Day	No pinch necessary	100 - 150 ppm N	In liner and finish stages
(12 cm) 5” pot	65° - 68° (18° - 20° C)			
8 to 9 wks	65° - 68° (18° - 20° C)	No lighting necessary	Soil EC 1.0 - 1.2 pH 5.5 to 6.0	
(15 cm) 6 ½”				
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	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	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:

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# OMBRE™

Calibrachoa hybrida



OMBRE™ Blue - Photos from trials across North America 2020



Plants



Head Start Nursery (CA)



Metrolina Greenhouses (NC)

For additional technical growing information:

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# OMBRE™

*Calibrachoa hybrida*



For additional technical growing information:

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# CLIO™

Cleome hybrida



**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)



**CLIO™ Pink Lady**

For additional technical growing information:

[CLIO™ CLICK HERE](#)



# 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	21 / 22 C	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.6 to 6.0	.80 to .90	21 / 22 C	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.80 to .90	Cool to 20 / 21 C	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	.80 to .90	20 to 21 C	Feed 100 to 150 ppm		Daminozide as needed		
Week 5	5.8 to 6.2	.80 to .90	18 to 20 C	Feed 100 to 150 ppm		Daminozide as needed		Pinch recommended

For additional technical growing information:

CLIO™ [CLICK HERE](#)







## 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, ACINATHRIN, 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	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	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](#)



# GOLF™

Craspedia sp.



**GOLF™ Beauty Improved**

- 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)

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



Width



Height

**Spring / Summer**  
**Flowering**

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

**(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	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	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 70 – 68 F	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	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	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	Average Day	Pinch –Yes	100 - 150 ppm N	In liner and finish stages
(12 cm) 5” pot	68° to 72°F (20° to 22°C)		Additional lighting not required	
8 to 10 wks	65° - 68° (18° - 20° C)			
(15 cm) 6 ½”				

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
<b>Week 5 Transplant</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm		B-9 as needed	Spray fungicide after transplant	
<b>Week 6 to 14</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	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:

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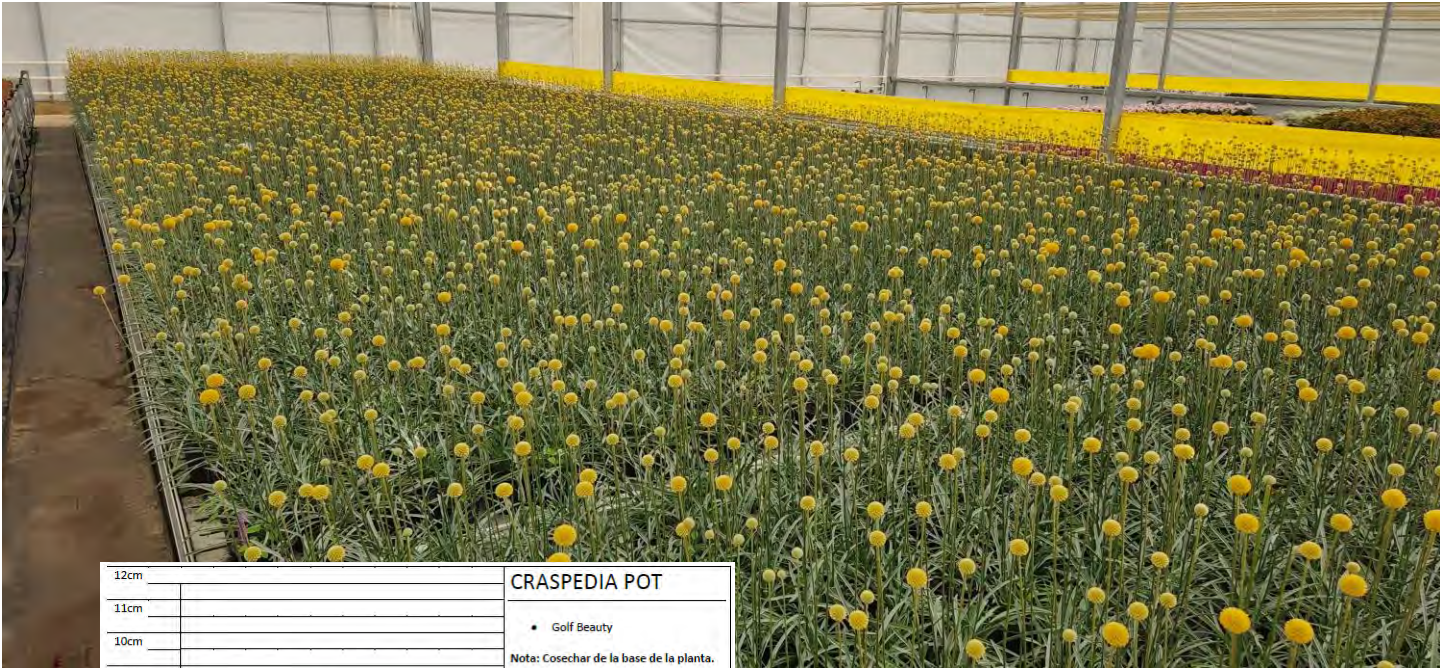


# GOLF™

Craspedia sp.



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



12cm		<b>CRASPEDIA POT</b>  • Golf Beauty  <i>Nota: Cosechar de la base de la planta.</i>
11cm		
10cm		
9cm		
8cm		
7cm		
6cm		
5cm		
4cm		
3cm		
2cm		
1cm		



For additional technical growing information:

GOLF™ [CLICK HERE](#)



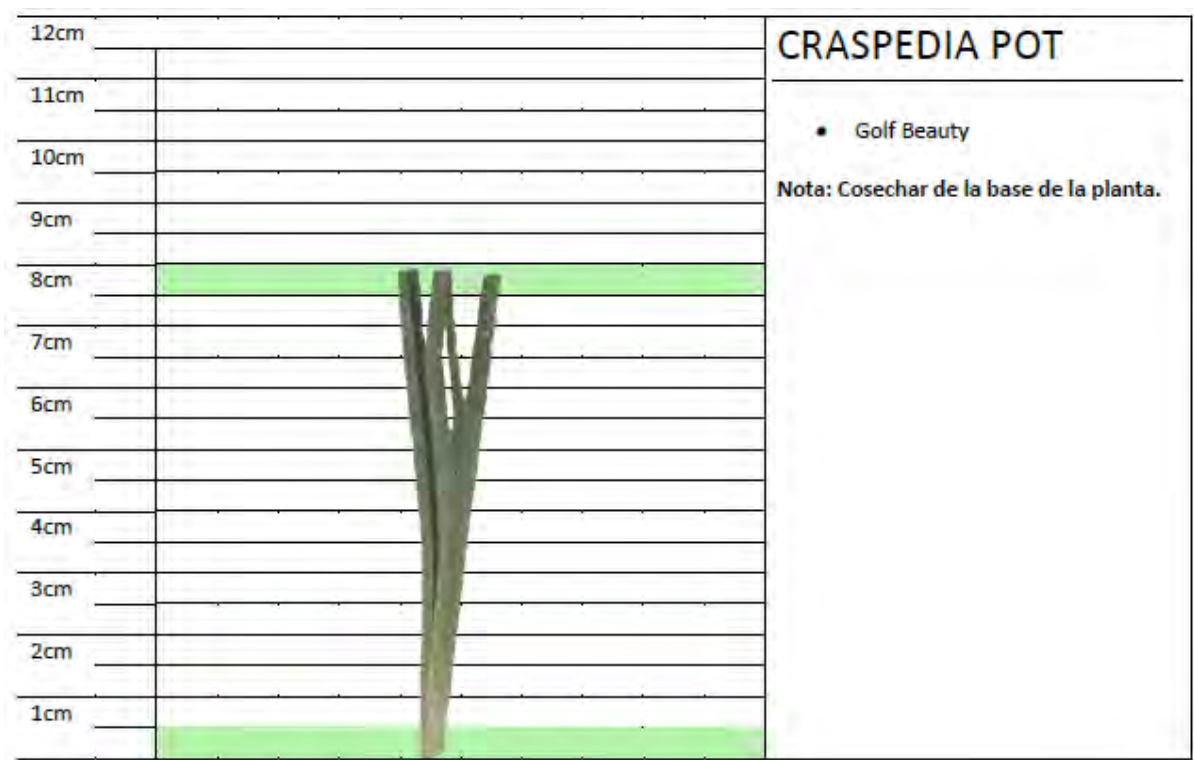


# GOLF™

Craspedia sp.



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



For additional technical growing information:

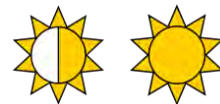
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# CUBANO™

Cuphea



BRAND  
NEW 24



Cuphea hybrida

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™ Cristo**  
Cuphea hybrida



**CUBANO™ Fuente**  
Cuphea ignea

EU & ROW  
ONLY

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CUBANO™ [CLICK HERE](#)



# 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	50 ppm N in mist			Day of sticking	
Week 2	5.6 to 6.1	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.1	.90 to 1.0	Cool to 70 – 68 F	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	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 – Recommended	150 - 200 ppm N	Daminozide at 2500 to 3750 ppm on more vigorous varieties
7 to 9 wks (15 cm) 6 ½"	1 ppp	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 ppp			

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 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	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	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

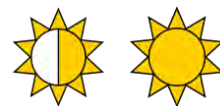
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# DARLIN'<sup>TM</sup>

Dahlia variabilis



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

**DARLIN'<sup>TM</sup>**  
**Abstract Fuchsia**

More varieties in the DARLIN'<sup>TM</sup> series:



**DARLIN'<sup>TM</sup>**  
**Perfect Red**



**DARLIN'<sup>TM</sup>**  
**Vintage Rose**



**DARLIN'<sup>TM</sup>**  
**Orange Flare**



**DARLIN'<sup>TM</sup>**  
**Salmon**



**DARLIN'<sup>TM</sup>**  
**White**



**DARLIN'<sup>TM</sup>**  
**Radiant Pink**



**DARLIN'<sup>TM</sup>**  
**Ruby**



**DARLIN'<sup>TM</sup>**  
**Yellow**



**DARLIN'<sup>TM</sup>**  
**Burgundy Lace**

For additional technical growing information:

**DARLIN'<sup>TM</sup> [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 - 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 including control of Powdery Mildew

Proper air movement is required to control disease issues during propagation

Night interruption 10pm to 2am or daylength extension started day of sticking at least 10 foot candles

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.8 / 6.2	0.80	72 / 74 F	50 ppm N in mist			Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 65 – 68 F	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	feed 100 to 150 ppm				

For additional technical growing information:

DARLIN™ [CLICK HERE](#)



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# DARLIN™

Dahlia variabilis



## FINISHING TIPS

Pinch is required, possibly two pinches for larger containers

Start 14 hour days after transplant – extended day or night interruption

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 – Optional	150 - 200 ppm N	Daminozide at 1500
7 to 9 wks (15 cm) 6 ½"	1 ppp	Long days required for uniform flowering	Soil EC 1.0 - 1.2 pH 5.6 to 6.1	Paclobutrazol 1 ppm drench at finish for vigorous varieties
8 to 10 wks (18 cm) 7"	1 ppp			

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 1500 ppm on young finished plants - Paclobutrazol drench application at 1 ppm at finishing if required for the more vigorous varieties  
Spray to control Powdery Mildew after transplant

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
<b>Week 5 Transplant</b>	5.6 to 6.1	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm	Required	Daminozide as needed 1500 ppm	Spray fungicide after transplant	
<b>Week 6 to 13</b>	5.6 to 6.1	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm	Required	Paclobutrazol Drench at 1 ppm	Include Powdery Mildew control	

For additional technical growing information:

DARLIN™ [CLICK HERE](#)





# TRINITY™

*Diascia barberae*



BRAND  
NEW 24



**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](#)



 **DANZIGER**

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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	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	72 / 74 F	Feed 100 ppm to 150 ppm	Not required			
Week 4	5.8 to 6.2	.90 to 1.0	Cool to 68 / 70 F	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	Feed 100 to 150 ppm	Not required	Daminozide as needed		

For additional technical growing information:

TRINITY™ [CLICK HERE](#)



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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)		Day Neutral	
8 to 10 wks	65° - 68° (18° - 20° C)			
(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 not 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	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	feed 100 to 150 ppm				Do not apply Paclobutrazol

For additional technical growing information:

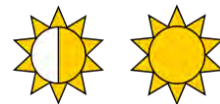
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# FELICITY™

Felicia amelloides



**FELICITY™ Leading Lady**

EU & ROW  
ONLY

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



**FELICITY™ Blue**

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	50 ppm N in mist	No required		Day of sticking	
Week 2	5.6 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.2	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.2	.90 to 1.0	65 to 68 F	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	Average Day	No Pinch Required	100 - 200 ppm N	Daminozide spray application at 2500 to 3750 ppm for finishing
(12 cm) 5" pot	65° - 68° (18° - 20° C)		Not Required Day Neutral	
7 to 8 wks	1 ppp			
(15 cm) 6 ½"				
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	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	feed 150 to 200 ppm	Not required			

For additional technical growing information:

FELICITY™ [CLICK HERE](#)





# SOL SEEKER™

Helianthus hybrid



**SOL SEEKER™ Bee Yellow**

More varieties in the SOL SEEKER™ series:



**SOL SEEKER™  
Golden Nectar**



**SOL SEEKER™  
Honey**

# SOL SEEKER™

Helianthus hybrid



## PROPAGATION TIPS

Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer  
Flowering



Width


(24 - 36")  
61 - 91 cm




Height

(28 - 36")  
71 - 91 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	50 ppm N in mist			Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist				
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm to 150 ppm			Second fungicide app	
Week 4	5.8 to 6.2	1.0 to 1.2	65 to 68 F	feed 100 to 150 ppm		Daminozide as needed		Pinch at transplant



# SOL SEEKER™

Helianthus hybrid



## FINISHING TIPS

Pinch at transplant or week after transplant

Keep night temperatures above 55° F (13° 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	Average Day	Extended day lighting if day length is blow 12 hours	150 - 200 ppm N	Daminozide at 2,000 to 2,500 ppm spray applications
(12 cm) 5" pot	65° (18° C)		Soil EC 1.0 - 1.5 pH 5.7 to 6.3	
8 to 9 wks	65° (18° C)			
(15 cm) 6 ½"				
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



Spray for Powdery Mildew control

Temperature is key to maintain proper growth. Temperatures above 55° F (13° C) is required  
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	65 f	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	feed 150 to 200 ppm		Paclobutrazol Drench at 1 ppm		Paclobutrazol 1 ppm drench when plants reach 85% of desired size

# MUSICA®

Impatiens walleriana



Best Seller

**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©  
Princess Pink**



**MUSICA©  
Pure White**



**MUSICA©  
Bicolor Pink**



**MUSICA©  
Electric Purple**



**MUSICA©  
Elegant Red**

For additional technical growing information:

MUSICA© [CLICK HERE](#)



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# 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	50 ppm N in mist			Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.80 to .90	Cool to 68 – 70 F	Feed 100 ppm N				
Week 4	5.8 to 6.2	.80 to .90	68 to 70 F	Feed 100 ppm N		Should not be required		

For additional technical growing information:

MUSICA© [CLICK HERE](#)



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# 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	Average Day	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
(12 cm) 5” pot	68° - 70° (20° - 21° C)			
8 to 9 wks	68° - 70° (20° - 21° C)		Soil EC 0.8 - 1.0 pH 5.8 to 6.2	
(15 cm) 6 ½”				

Pests	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIOCARB, ACINATHRIN, 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	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	feed 100 to 125 ppm N				

For additional technical growing information:

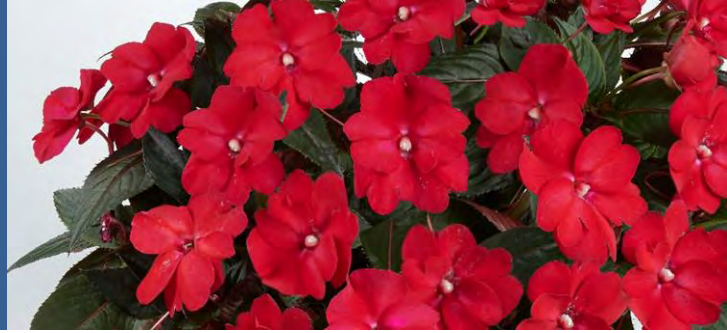
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# SOL LUNA™

Impatiens hybrid



**SOL LUNA™ Electric Pink**

- 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™ Lilac**



**SOL LUNA™ Dark Lavender**



**SOL LUNA™ Candy Apple**



**SOL LUNA™ Pink**



**SOL LUNA™ Tropical Punch**

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		Not required		Day of sticking	
Week 2	6.0 / 6.5	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	6.0 / 6.5	.80 to .90	72 / 74 F	80 ppm N in mist	Not required			
Week 4	6.0 / 6.5	.80 to .90	70 / 72 F	80 ppm N in mist	Not required			
Week 5	6.0 / 6.5	.80 to .90	70 / 72 F	80 ppm N in mist	Not required			Pinch is not recommended

For additional technical growing information:

SOL LUNA™ [CLICK HERE](#)



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# 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	Average Day	Pinch –No	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
(12 cm) 5” pot	68° - 70° (20° - 21° C)		Daylength Neutral	
8 to 9 wks	68° - 70° (20° - 21° C)			
(15 cm) 6 ½”				

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	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	feed 100 to 150 ppm		Paclobutrazol Drench at 0.5 ppm		Allow plants to reach 85% of required size before PGR application

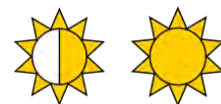
For additional technical growing information:

SOL LUNA™ [CLICK HERE](#)



# SOL LUNA PRIME™

New Guinea Impatiens



**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 (30cm x 46 cm)

More varieties in the SOL LUNA PRIME™ series:



**SOL LUNA PRIME™**  
White Blush



**SOL LUNA PRIME™**  
Violet



**SOL LUNA PRIME™**  
Light Salmon

For additional technical growing information:

SOL LUNA PRIME™ [CLICK HERE](#)



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# SOL LUNA PRIME™

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

(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		Not required		Day of sticking	
Week 2	6.0 / 6.5	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	6.0 / 6.5	.80 to .90	72 / 74 F	80 ppm N in mist	Not required			
Week 4	6.0 / 6.5	.80 to .90	70 / 72 F	80 ppm N in mist	Not required			
Week 5	6.0 / 6.5	.80 to .90	70 / 72 F	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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# SOL LUNA PRIME™

New Guinea Impatiens

NEW  
SERIES

## 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	Average Day	Pinch –No	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
(12 cm) 5” pot	68° - 70° (20° - 21° C)		Daylength Neutral	
8 to 9 wks	68° - 70° (20° - 21° C)			
(15 cm) 6 ½”				

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	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	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](#)





# SUN HARMONY™

Impatiens hybrida



## SUN HARMONY™ Blushing Orchid

- Known for its large flowers and uniform growth, SUN HARMONY™ can be grown in the shade as well as in direct sun
- All varieties in the series are in perfect sync to assure the best retail display
- Medium to large habit
- Mature height and width is 16 inches x 14 inches (41 cm x 36 cm)

More varieties in the SUN HARMONY® series:



SUN HARMONY™  
Deep Orange



SUN HARMONY™  
Deep Pink



SUN HARMONY™  
White



SUN HARMONY™  
Red



SUN HARMONY™  
Scarlet



SUN HARMONY™  
Violet

For additional technical growing information:

SUN HARMONY™ [CLICK HERE](#)



# SUN HARMONY™

Impatiens hybrida



## 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		Not required		Day of sticking	
Week 2	6.0 / 6.5	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	6.0 / 6.5	.80 to .90	72 / 74 F	80 ppm N in mist	Not required			
Week 4	6.0 / 6.5	.80 to .90	70 / 72 F	80 ppm N in mist	Not required			
Week 5	6.0 / 6.5	.80 to .90	70 / 72 F	80 ppm N in mist	Not required			Pinch is not recommended

For additional technical growing information:

SUN HARMONY™ [CLICK HERE](#)



# SUN HARMONY™

Impatiens hybrida



## 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	Average Day	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	
(12 cm) 5” pot	68° - 70° (20° - 21° C)				
8 to 9 wks	68° - 70° (20° - 21° C)		Soil EC 0.8 - 1.0 pH 6.0 to 6.5		
(15 cm) 6 ½”					

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
<b>Week 5 Transplant</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm		Uniconazole spray	Drench fungicide at transplant	
<b>Week 6 to 13</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	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:

SUN HARMONY™ [CLICK HERE](#)



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www.danzigeronline.com |   



# STARDOM™

Jamesbrittenia



BRAND  
NEW 23



**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)

More varieties in the STARDOM™ series:



**STARDOM™**  
**Pink**



**STARDOM™**  
**Purple**



**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	50 ppm N in mist			Day of sticking	
Week 2	5.8 to 6.5	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.5	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm				
Week 4	5.8 to 6.5	.90 to 1.0	65 to 68 F	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 – Recommende d	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, IPRODIONE, 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
<b>Week 5 Transplant</b>	5.8 to 6.5	0.8 to 1.0	65 to 68 f	feed 100 to 150 ppm	Not require d	Daminozide as needed 1500 to 2500 ppm	Spray fungicide after transplant	
<b>Week 6 to 12</b>	5.8 to 6.5	0.8 to 1.0	65 to 68 f	feed 100 to 200 ppm	Not require d	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	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	72 / 74 F	Feed 100 ppm to 150 ppm	Not required			
Week 4	5.8 to 6.2	1.0 to 1.2	70 F	Feed 100 to 150 ppm	Not required			
Week 5	5.8 to 6.2	1.0 to 1.2	70 F	Feed 100 to 150 ppm	Not required			

For additional technical growing information:

GEM™ Compact [CLICK HERE](#)



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# 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	Average Day	Pinch –Yes	150 - 200 ppm N	During finishing stage
(12 cm) 5” pot	73° - 75° (23° - 24° C)	Night interruption or extended day- Optional		
8 to 9 wks	73° - 75° (23° - 24° C)			
(15 cm) 6 ½”				

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
<b>Week 5 Transplant</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm		B-9 as needed	Spray fungicide after transplant	
<b>Week 6 to 13</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	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



## 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	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	72 / 74 F	Feed 100 ppm to 150 ppm	Not required			
Week 4	5.8 to 6.2	1.0 to 1.2	70 F	Feed 100 to 150 ppm	Not required			
Week 5	5.8 to 6.2	1.0 to 1.2	70 F	Feed 100 to 150 ppm	Not required	Daminozide as needed		

For additional technical growing information:

GEM™ [CLICK HERE](#)



# GEM™

Lantana



## 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	Average Day	Pinch –Yes	150 - 200 ppm N	In liner and finish stages
(12 cm) 5” pot	73° - 75° (23° - 24° C)	Night interruption or extended day- Optional		
8 to 9 wks	73° - 75° (23° - 24° C)			
(15 cm) 6 ½”				

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 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
<b>Week 5 Transplant</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm		B-9 as needed	Spray fungicide after transplant	
<b>Week 6 to 13</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	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



**LAVEANNA™ Violet**



- 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

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	50 ppm N in mist			Day of sticking	Feeding through Mist
Week 2	5.6 to 6.0	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 68 – 70 F	Feed 100 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	66 to 68 F	Feed 100 ppm				
Week 5	5.8 to 6.2	1.0 to 1.2	66 to 68 F	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	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 5.8 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	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	feed 100 to 150 ppm	Not Required			Paclobutrazol @ 2 ppm drench when buds showing if growing in warm conditions

For additional technical growing information:

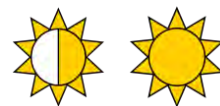
LAVEANNA™ [CLICK HERE](#)





# GLOW™

Lobelia erinus



BRAND  
NEW 24



**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**

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# 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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	72 / 74 F	Feed 100 ppm				
Week 4	5.8 to 6.2	1.0 to 1.2	70 F	Feed 100 ppm				
Week 5	5.8 to 6.2	1.0 to 1.2	70 F	Feed 100 to 150 ppm				

For additional technical growing information:

GLOW™ [CLICK HERE](#)



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# 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	Average Day	No pinch necessary Additional lighting is optional depending on region	150 - 200 ppm N	In liner and finish stages. Daminozide @ 2500 ppm
(12 cm) 5” pot	68° to 72°F (20° to 22°C)		Soil EC 1.2 - 1.5 pH 5.8 to 6.2	
8 to 9 wks				
(15 cm) 6 ½”				
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

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	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	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](#)



 **DANZIGER**

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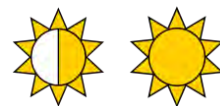


# STREAM™

Lobularia



BRAND  
NEW 23



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

**Champagne STREAM™**

More varieties in the STREAM™ series:



**Deep Lavender STREAM™**



**Lilac STREAM™**



**Lavender STREAM™**



**Purple Imp. STREAM™**



**Raspberry STREAM™**



**Silver STREAM™**



**White STREAM™**

For additional technical growing information:

STREAM™ [CLICK HERE](#)



# 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	50 ppm N in mist			Day of sticking	Feeding through Mist
Week 2	5.2 to 5.8	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.2 to 5.8	.90 to 1.0	Cool to 70 – 68 F	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	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	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	Average Day	Pinch / Optional	100 - 150 ppm N	In liner and finish stages
(12 cm) 5" pot	65° - 68° (18° - 20° C)			
8 to 9 wks	65° - 68° (18° - 20° C)	No lighting necessary	Soil EC 0.8 - 1.0	
(15 cm) 6 ½"			pH 5.6 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
	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	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	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](#)



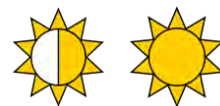


# STREAM™ Compact

## Lobularia



BRAND  
NEW 24



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

**STREAM™ Compact White**

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](#)



# 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	50 ppm N in mist			Day of sticking	Feeding through Mist
Week 2	5.2 to 5.8	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.2 to 5.8	.90 to 1.0	Cool to 70 – 68 F	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	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	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	Average Day	Pinch / Optional	100 - 150 ppm N	In liner and finish stages
(12 cm) 5" pot	65° - 68° (18° - 20° C)			
8 to 9 wks	65° - 68° (18° - 20° C)	No lighting necessary	Soil EC 0.8 - 1.0	
(15 cm) 6 ½"			pH 5.6 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
	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	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	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:

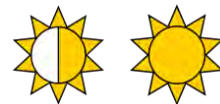
STREAM™ Compact [CLICK HERE](#)





# MAI TAI™

Mimulus aurantiacus



**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



**MAI TAI™ Orange**

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	50 ppm N in mist			Day of sticking	Feeding through Mist
Week 2	5.5 to 5.8	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.5 to 5.8	.90 to 1.0	Cool to 68 – 70 F	Feed 100 ppm				
Week 4	5.5 to 5.8	1.0 to 1.2	68 to 70 F	Feed 100 ppm				Pinch
Week 5	5.5 to 5.8	1.0 to 1.2	68 to 70 F	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	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 f	feed 100 to 150 ppm				

For additional technical growing information:

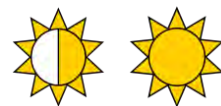
MAI TAI™ [CLICK HERE](#)





# NESIA™

Nemesia hybrida



**NESIA™ Inca**

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™  
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	50 ppm N in mist		Daminozide as needed	Day of sticking	
Week 2	5.6 to 6.0	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	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	Average Day	Pinch – Recommended  Not Required – Day Neutral	100 - 200 ppm N	Daminozide spray application at 2500 to 3750 ppm
(12 cm) 5” pot	65° - 68° (18° - 20° C)		Soil EC 1.0 - 1.2 pH 5.6 to 6.0	
8 to 9 wks	1 ppp			
(15 cm) 6 ½”				
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, IPRODIONE, 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	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	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

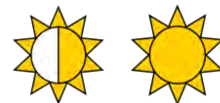
AVAILABLE IN  
EU & ROW



BRAND  
NEW 24



**MENOR™ Dual Magenta**



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)

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](http://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	50 ppm N in mist		Daminozide as needed	Day of sticking	
Week 2	5.6 to 6.0	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	feed 100 to 150 ppm		Daminozide as needed		

For additional technical growing information:

MENOR™ [CLICK HERE](#)



 **DANZIGER**  
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# 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	Average Day	Pinch – Recommended	100 - 200 ppm N	Daminozide spray application at 2500 to 3750 ppm
(12 cm) 5" pot	65° - 68° (18° - 20° C)			
8 to 9 wks	1 ppp	Not Required – Day Neutral	Soil EC 1.0 - 1.2 pH 5.6 to 6.0	
(15 cm) 6 ½"				
8 to 9 wks	3 ppp			Paclobutrazol drench application at 2 ppm
(20 cm) 8"				

Pests	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
Diseases	Botrytis	CYPRODINIL+FLUDIOXONIL, IPRODIONE, 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
<b>Week 5 Transplant</b>	5.6 to 6.0	1.0 to 1.2	65 to 68 f	feed 150 to 200 ppm	Not required	Daminozide as needed 2500 ppm	Drench fungicide after transplant	
<b>Week 6 to 12</b>	5.6 to 6.0	1.0 to 1.2	65 to 68 f	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](#)



 **DANZIGER**  
www.danzigeronline.com |   



# HARMONY<sup>®</sup>

New Guinea Impatiens



**HARMONY<sup>®</sup> 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<sup>®</sup> series:



**HARMONY<sup>®</sup>  
Violet**



**HARMONY<sup>®</sup>  
Orange Blaze**



**HARMONY<sup>®</sup>  
Snow**



**HARMONY<sup>®</sup>  
Magenta**



**HARMONY<sup>®</sup>  
Red Cardinal**



**HARMONY<sup>®</sup>  
Dark Lilac**



**HARMONY<sup>®</sup>  
Candy Cream**



**HARMONY<sup>®</sup>  
Purple Cream**



**HARMONY<sup>®</sup>  
Tangerine**

For additional technical growing information:

**HARMONY<sup>™</sup> [CLICK HERE](#)**



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[www.danzigeronline.com](http://www.danzigeronline.com) |   

# HARMONY<sup>®</sup>

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		Not required		Day of sticking	
Week 2	6.0 / 6.5	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	6.0 / 6.5	.80 to .90	72 / 74 F	80 ppm N in mist	Not required			
Week 4	6.0 / 6.5	.80 to .90	70 / 72 F	80 ppm N in mist	Not required			
Week 5	6.0 / 6.5	.80 to .90	70 / 72 F	80 ppm N in mist	Not required			Pinch is not recommended

For additional technical growing information:

HARMONY™ [CLICK HERE](#)



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## New Guinea Impatiens



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	Average Day	Pinch –No	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
(12 cm) 5” pot	68° - 70° (20° - 21° C)			
8 to 9 wks	68° - 70° (20° - 21° C)	Daylength Neutral	Soil EC 0.8 - 1.0 pH 6.0 to 6.5	
(15 cm) 6 ½”				

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



### Paclobutrazol drench application at 0.5 ppm for finishing

Scout for Aphids and Thrips on regular basis

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
<b>Week 5 Transplant</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm		Uniconazole spray	Drench fungicide at transplant	
<b>Week 6 to 13</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	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](#)**



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# 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™**  
**Fuchsia**



**HARMONY® COLORFALL™**  
**Orange**



**HARMONY® COLORFALL™**  
**Passion**



**HARMONY® COLORFALL™**  
**Light Coral**



**HARMONY® COLORFALL™**  
**Neon Red**



**HARMONY® COLORFALL™**  
**Pink**



**HARMONY® COLORFALL™**  
**White**

For additional technical growing information:

COLORFALL™ [CLICK HERE](#)



# 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		Not required		Day of sticking	
Week 2	6.0 / 6.5	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	6.0 / 6.5	.80 to .90	72 / 74 F	80 ppm N in mist	Not required			
Week 4	6.0 / 6.5	.80 to .90	70 / 72 F	80 ppm N in mist	Not required			
Week 5	6.0 / 6.5	.80 to .90	70 / 72 F	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	Average Day	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	
(12 cm) 5” pot	68° - 70° (20° - 21° C)				
8 to 9 wks	68° - 70° (20° - 21° C)		Soil EC 0.8 - 1.0 pH 6.0 to 6.5		
(15 cm) 6 ½”					

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
<b>Week 5 Transplant</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm		Uniconazole spray	Drench fungicide at transplant	
<b>Week 6 to 13</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	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™ Glamour**



**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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	1.0 to 1.2	65 to 68 F	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	Feed 100 ppm to 150 ppm		Daminozide as needed		

For additional technical growing information:

OSTICA™ [CLICK HERE](#)



# 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 recommende d	100 - 150 ppm N	In liner and finish stages
8 to 9 wks (15 cm) 6 ½"	60° - 68° (16° - 20° C)	No lighting necessary	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
<b>Week 6 Transplant</b>	5.8 to 6.2	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm		Daminozide as needed	Spray fungicide after transplant	
<b>Week 6 to 12</b>	5.8 to 6.2	1.0 to 1.2	60 to 68 f	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™**  
**Twilight Moon**

- 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™ Aurora**



**OSTICADE™ Daybreak**



**OSTICADE™ Yellow**



**OSTICADE™ Purple**



**OSTICADE™ Pure White**



**OSTICADE™ Pink**

For additional technical growing information:

OSTICADE™ [CLICK HERE](#)



 **DANZIGER**

[www.danzigeronline.com](http://www.danzigeronline.com) |   

# 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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	1.0 to 1.2	65 to 68 F	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	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	100 - 150 ppm N	In liner and finish stages
8 to 9 wks (15 cm) 6 ½"	60° - 68° (16° - 20° C)	No lighting necessary	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	Diseases
Aphids	Botrytis
Thrips	Pythium
	Phytophthora



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	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	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™  
Fuchsia**



**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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.2	.90 to 1.0	Cool to 70 – 68 F	Feed 100 ppm				
Week 4	5.6 to 6.2	1.0 to 1.2	65 to 68 F	Feed 100 ppm		Daminozide as needed		
Week 5	5.6 to 6.2	1.0 to 1.2	65 to 68 F	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	Average Day	Pinch week before transplant or at transplant	100 - 150 ppm N	In liner and finish stages
(12 cm) 5" pot	55° - 60° (13° - 16° C)			
8 to 9 wks	1 plant per container	Day Neutral	Soil EC 1.0 - 1.2 pH 5.8 to 6.2	
(15 cm) 6 ½"				
8 to 9 wks				
(20 cm) 8"	3 plants per container			

Pests	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIOCARB, ACINATHRIN, 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	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	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:

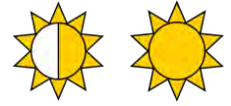
PRIMAVERA™ [CLICK HERE](#)





# 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



## 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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	feed 100 to 150 ppm				

For additional technical growing information:

AMAZONAS™ [CLICK HERE](#)



# AMAZONAS™

Petunia



## 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	Average Day	No pinch necessary	150 - 200 ppm N	Finish stage Daminozide @ 1500 to 2500 ppm /
(12 cm) 5” pot	68° to 72°F (20° to 22°C)			
8 to 9 wks		Additional lighting is optional depending on region	Soil EC 1.2 - 1.5 pH 5.6 to 6.0	
(15 cm) 6 ½”				
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 – 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	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	feed 100 to 150 ppm	N/A	Paclobutrazol Drench at 1 ppm if needed		

For additional technical growing information:

AMAZONAS™ [CLICK HERE](#)





# AMORE<sup>®</sup>

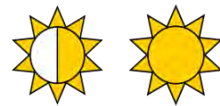
Petunia hybrida



BRAND  
NEW 24



**AMORE<sup>®</sup> 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<sup>®</sup> series:



**AMORE<sup>®</sup> Princess**



**AMORE<sup>®</sup> Queen of Hearts**



**AMORE<sup>®</sup> Pink Hearts**



**AMORE<sup>®</sup> Purple**



**AMORE<sup>®</sup> Heart & Soul**



**AMORE<sup>®</sup> Fluttering Heart**



**AMORE<sup>®</sup> Fiesta**



**AMORE<sup>®</sup> Joy**

EU & ROW  
ONLY

For additional technical growing information:

AMORE<sup>™</sup> [CLICK HERE](#)



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[www.danzigeronline.com](http://www.danzigeronline.com) |   

# AMORE<sup>®</sup>

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<sup>®</sup> 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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	feed 100 to 150 ppm		Daminozide @ 2500 ppm		

For additional technical growing information:

AMORE™ [CLICK HERE](#)



# AMORE<sup>®</sup>

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 Thrip	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
Diseases	Botrytis Pythium Phytophthora	CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN PROPAMOCARB 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	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	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](#)





# CAPELLA™

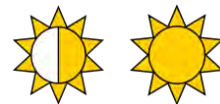
Petunia hybrida



BRAND  
NEW 24



**CAPELLA™ Rim Fuchsia**



- 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™ Ruby Red Imp.**



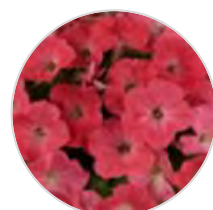
**CAPELLA™ Indigo Imp.**



**CAPELLA™ Mulberry**



**CAPELLA™ White Imp.**



**CAPELLA™ Coral**



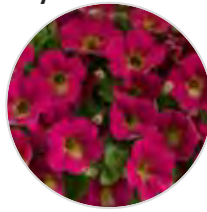
**CAPELLA™ Hello Yellow**



**CAPELLA™ Rose**



**CAPELLA™ Salmon**



**CAPELLA™ Sangria**



**CAPELLA™ Baby Pink**



**CAPELLA™ Burgundy**



**CAPELLA™ Cherry Vanilla**



**CAPELLA™ Neon Pink**



**CAPELLA™ Pink Lace**



**CAPELLA™ Purple**



**CAPELLA™ Purple Veins**



**CAPELLA™ Soft Yellow**

For additional technical growing information:

[CAPELLA™ CLICK HERE](#)



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[www.danzigeronline.com](http://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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	feed 100 to 150 ppm		Daminozide spray application @ 2000 to 2500 ppm		

For additional technical growing information:

CAPELLA™ [CLICK HERE](#)



# 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	Average Day	No pinch necessary	150 - 200 ppm N	In liner and finish stages. Daminozide @ 2000
(12 cm) 5" pot	68° to 72°F (20° to 22°C)			
8 to 9 wks		Additional lighting is not required	Soil EC 1.2 - 1.5 pH 5.6 to 6.0	
(15 cm) 6 ½"				
8 to 10 wks				
(20 cm) 8"	3 plants per container			
8 to 10 wks				
(25 cm) 10"	3 plants per container			

<b>Pests</b>	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
<b>Diseases</b>	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
<b>Week 4 Transplant</b>	5.6 to 6.0	1.0 to 1.2	65 to 68 f	feed 100 to 150 ppm	N/A	Daminozide spray application	Spray fungicide after transplant	
<b>Week 5 to 15</b>	5.6 to 6.0	1.2 to 1.5	65 to 68 f	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](#)





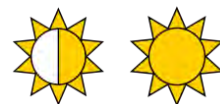
# CASCADIAS™

Petunia hybrida



BRAND NEW 24

CASCADIAS™  
Arizona Sky



- 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:



BRAND NEW 23

CASCADIAS™  
Rim Cherry Imp



BRAND NEW 23

CASCADIAS™  
Fuchsia



BRAND NEW 23

CASCADIAS™  
Indigo



BRAND NEW 23

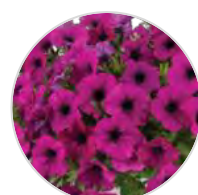
CASCADIAS™  
Rim Violet Imp



CASCADIAS™  
Chili Red



CASCADIAS™  
Iceberg



CASCADIAS™  
Passion



CASCADIAS™  
Purple Ice



CASCADIAS™  
Autumn Mystery



CASCADIAS™  
Bicolor Cabernet



Best Seller

CASCADIAS™  
Indian Summer



CASCADIAS™  
Blue Omri

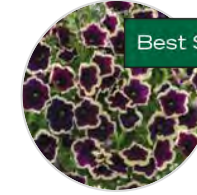


CASCADIAS™  
Pitaya



Best Seller

CASCADIAS™  
Purple Gem



Best Seller

CASCADIAS™  
Rim Magenta

For additional technical growing information:

CASCADIAS™ [CLICK HERE](#)



# 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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	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	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	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:

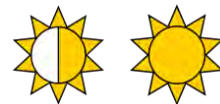
CASCADIAS™ [CLICK HERE](#)





# 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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	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	150 - 200 ppm N	Finish stages Daminozide @ 2500 to 3200 ppm
8 to 9 wks (20 cm) 8”	3 plants per container		Light is optional since Petunia are facultative long day	
8 to 10 wks (25 cm) 10”		3 plants per container		

Pests	Diseases
Aphids	Botrytis
Thrips	Pythium
	Phytophthora

**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	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	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](#)



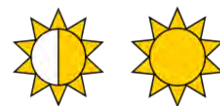


# LITTLETUNIA®

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®**  
**Bicolor Illusion**



**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](#)



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[www.danzigeronline.com](http://www.danzigeronline.com) |   

# LITTLETUNIA®

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 LittleTunia™ series.

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.6 / 6.0	0.80	72 / 74 F	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	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	feed 100 to 150 ppm		Daminozide as required		

For additional technical growing information:

LITTLETUNIA™ [CLICK HERE](#)



# LITTLETUNIA®

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	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	feed 100 to 150 ppm	N/A			

For additional technical growing information:

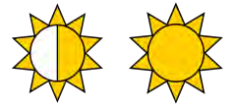
LITTLETUNIA™ [CLICK HERE](#)





# ORCHID FROST™

*Petunia hybrida*



**ORCHID FROST™ Violet**

Beautiful watercolor like pattern  
on large showy blooms

Mounded habit works well in  
baskets and patio pots

Blooms early enough for any  
market

Mature Height and Width  
18" X 24" (46cm x 61cm)

For additional technical growing information:

ORCHID FROST™ [CLICK HERE](#)



# ORCHID FROST™

Petunia hybrida



## PROPAGATION TIPS

Stick on priority — Number 2 out of 4 categories



Flowering time

Spring / Summer  
Flowering



Width

(20 - 26")  
51 - 66 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. Orchid Frost is very vigorous variety. Daminozide at 1500 ppm the day after sticking.

Week 4 – Daminozide @ 2500 ppm / Uniconazole @ 10 ppm tank mix.

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

For additional technical growing information:

ORCHID FROST™ [CLICK HERE](#)



# ORCHID FROST™

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
8 to 10 wks	Average Day	No pinch necessary	150 - 200 ppm N	In liner and finish stages. Daminozide @ 2500 ppm / Uniconazole @ 10 ppm if plants are aggressively growing
(20 cm) 8"	68° to 72°F (20° to 22°C)			
8 to 10 wks	3 plants per container	Light is optional since Petunia are facultative long day	Soil EC 1.2 - 1.5 pH 5.6 to 6.0	
(25 cm) 10"				



Orchid Frost is a vigorous growing variety with large leaves and flowers-is best grown in larger containers

PGR - Spray Daminozide / Uniconazole tank mix to control height

Paclobutrazol drench application at 1 to 2 ppm for finishing if required

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

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	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	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:

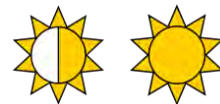
ORCHID FROST™ [CLICK HERE](#)





# RAY™

Petunia hybrida



**Sunshine imp. RAY™**

- 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:



**Sunflower imp. RAY™**



**Red improved RAY™**



**Fuchsia RAY™**



**Purple Vein RAY™**



**Black RAY™**



**Pistachio Cream RAY™**



**White RAY™**



**Purple RAY™**

For additional technical growing information:

RAY™ [CLICK HERE](#)



 **DANZIGER**

[www.danzigeronline.com](http://www.danzigeronline.com) |   

# 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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	feed 100 to 150 ppm		Daminozide spray application at 2500 ppm		

For additional technical growing information:

RAY™ [CLICK HERE](#)



# 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	Diseases
Aphids	Botrytis
Thrips	Pythium
	Phytophthora



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	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	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](#)

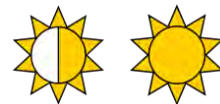


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www.danzigeronline.com |   



# RIMarkable™

Petunia hybrida



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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	feed 100 to 150 ppm		Daminozide spray application at 2,500 ppm		

For additional technical growing information:

RIMARKABLE™ [CLICK HERE](#)



# 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	Average Day	No pinch necessary	150 - 200 ppm N	Finish stage Daminozide @ 2500 to 3200 ppm
(15 cm) 6 1/2" pot	68° to 72°F (20° to 22°C)			
8 to 9 wks	3 plants per container		Soil EC 1.2 - 1.5 pH 5.6 to 6.0	
(20 cm) 8"				
8 to 10 wks				
(25 cm) 10"	3 plants per container			

Pests	Diseases
Aphids	Botrytis
Thrips	Pythium
	Phytophthora

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	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	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™

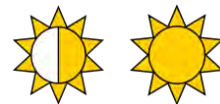
Petunia hybrida



BRAND  
NEW 23



**SPLASH DANCE™**  
**Moon Walk**



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 SPLASH DANCE™ series:



**SPLASH DANCE™**  
**Fuchsia Flamenco**



**SPLASH DANCE™**  
**Rumba Rose**



**SPLASH DANCE™**  
**Violet Vogue**



**SPLASH DANCE™**  
**Poppin' Pink**



**SPLASH DANCE™**  
**Bolero Blue**



**SPLASH DANCE™**  
**Magenta Mambo**



**SPLASH DANCE™**  
**Purple Polka**

For additional technical growing information:

SPLASH DANCE™ [CLICK HERE](#)



 **DANZIGER**  
[www.danzigeronline.com](http://www.danzigeronline.com) |   

# 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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.6 to 6.0	.90 to 1.0	Cool to 68 F	Feed 100 ppm to 150 ppm				
Week 4	5.6 to 6.0	1.0 to 1.2	65 to 68 F	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	Average Day	No pinch necessary	150 - 200 ppm N	Finish stages Daminozide @ 2500 to 3200 ppm
(12 cm) 5" pot	68° to 72°F (20° to 22°C)			
8 to 9 wks		Additional lighting is optional depending on region	Soil EC 1.2 - 1.5 pH 5.6 to 6.0	
(15 cm) 6 ½"				
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. 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	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	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:

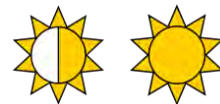
SPLASH DANCE™ [CLICK HERE](#)





# PHLOXSTAR™

Phlox drummondii



**PHLOXSTAR™ White Improved**

- 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™ Magenta**



**Phloxstar™ Red**

For additional technical growing information:

PHLOXSTAR™ [CLICK HERE](#)



# 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	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	50 ppm N in mist			Second fungicide app	
Week 3	6.0 to 6.5	.80 to .90	Cool to 70 – 68 F	Feed 100 ppm to 150 ppm				
Week 4	6.0 to 6.5	.80 to .90	65 to 68 F	Feed 100 ppm to 150 ppm				
Week 5	6.0 to 6.5	0.9 to 1.0	65 to 68 F	Feed 100 ppm to 150 ppm		Daminozide as needed @ 1500 ppm	Spray for Powdery Mildew	

For additional technical growing information:

PHLOXSTAR™ [CLICK HERE](#)



[www.danzigeronline.com](http://www.danzigeronline.com) |

# 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	Average Day	Pinch is recommended	100 - 150 ppm N	In liner and finish stages
(12 cm) 5” pot	60° - 68° (16° - 20° C)			
8 to 9 wks	60° - 68° (16° - 20° C)	Phlox d. responds to long days to hasten flowering		
(15 cm) 6 ½”				
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	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	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:

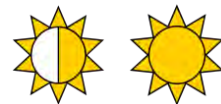
PHLOXSTAR™ [CLICK HERE](#)





# MEGA PAZZAZ™

Portulaca oleracea



**MEGA PAZZAZ Pink Twist**

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)

More varieties in the MEGA PAZZAZ™ series:



**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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 68 / 70 F	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	1.0 to 1.2	68 to 70 F	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, IPRODIONE, 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	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	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



BRAND NEW 23



**PAZZAZ™ NANO**  
**Orange Twist**

- 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**  
**Yellow Twist**



**PAZZAZ™ NANO**  
**Gold**



**PAZZAZ™ NANO**  
**Tropical Punch**



**PAZZAZ™ NANO**  
**Fuchsia Improved**



**PAZZAZ NANO™**  
**Purple**



**PAZZAZ NANO™**  
**Candy Pink**



**PAZZAZ NANO™**  
**Fuchsia**



**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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 68 / 70 F	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	1.0 to 1.2	68 to 70 F	feed 100 to 150 ppm		Daminozide as required		

For additional technical growing information:

PAZZAZ NANO™ [CLICK HERE](#)



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# 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	Average Day	Pinch  Additional lighting will hasten flowering under short days	150 - 200 ppm N	Daminozide @ 2500 ppm for finishing if required
(12 cm) 5" pot	68° to 72°F (20° to 22°C)		Soil EC 1.0 - 1.2 pH 5.8 to 6.2	
6 to 7 wks				
(15 cm) 6 ½"				
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
<b>Week 4 Transplant</b>	5.8 to 6.2	1.0 to 1.2	68 to 72 f	feed 100 to 150 ppm		Daminozide as needed	Drench fungicide after transplant	
<b>Week 5 to 12</b>	5.8 to 6.2	1.2 to 1.5	68 to 72 f	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 Improved**

- 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:



**PAZZAZ™ Fuchsia**



**PAZZAZ™ Tangerine**



**PAZZAZ™ White**



**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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 68 / 70 F	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	1.0 to 1.2	68 to 70 F	feed 100 to 150 ppm		Daminozide as required		

For additional technical growing information:

PAZZAZ™ [CLICK HERE](#)



# 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	Average Day	Pinch  Additional lighting will hasten flowering under short days	150 - 200 ppm N	Daminozide @ 2500 ppm for finishing
(12 cm) 5” pot	68° to 72°F (20° to 22°C)		Soil EC 1.0 - 1.2 pH 5.8 to 6.2	
6 to 7 wks				
(15 cm) 6 ½”				
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
<b>Week 4 Transplant</b>	5.8 to 6.2	1.0 to 1.2	68 to 72 f	feed 100 to 150 ppm		Daminozide as needed	Drench fungicide after transplant	
<b>Week 5 to 12</b>	5.8 to 6.2	1.2 to 1.5	68 to 72 f	feed 100 to 150 ppm		Daminozide @ 2500 ppm for finishing		

For additional technical growing information:

PAZZAZ™ [CLICK HERE](#)





# LION CUB *PPAF*

*Rudbeckia hybrida*



- 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](#)



 **DANZIGER**

[www.danzigeronline.com](http://www.danzigeronline.com) |   

# 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	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	21 / 22 C	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.5	.90 to 1.0	Cool to 20 / 21 C	Feed 100 ppm N				
Week 4	5.8 to 6.5	.90 to 1.0	20 to 21 C	Feed 100 ppm N				
Week 5	5.8 to 6.5	.90 to 1.0	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, ACINATHRIN, 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	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	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™

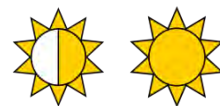
Salvia farinacea



BRAND  
NEW 23



**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™** XL Blue



**SALLYFUN™** Snowwhite

For additional technical growing information:

SALLYFUN™ [CLICK HERE](#)



# 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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 68 / 70 F	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	1.0 to 1.2	65 to 68 F	feed 100 to 150 ppm		Daminozide as required		

For additional technical growing information:

SALLYFUN™ [CLICK HERE](#)



# 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	Average Day	Pinch	150 - 200 ppm N	Daminozide @ 2500 ppm for finishing
(12 cm) 5” pot	65° to 68°F (18° to 20°C)			
6 to 7 wks		Day Neutral	Soil EC 1.0 - 1.5 pH 5.8 to 6.2	Paclobutrazol 1 to 2 ppm drench
(15 cm) 6 ½”				
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	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	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](#)





# 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	50 ppm N in mist			Day of sticking	
Week 2	5.5 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist			Second fungicide app	
Week 3	5.5 to 6.2	.80 to .90	Cool to 68 – 70 F	Feed 100 ppm N				
Week 4	5.5 to 6.2	.80 to .90	68 to 70 F	Feed 100 ppm N		Should not be required		

For additional technical growing information:

TALYA™ [CLICK HERE](#)



# 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	Average Day	Pinch –No  Daylength Neutral	100 - 125 ppm N	Daminozide @ 2000 2500
(12 cm) 5” pot	68° - 70° (20° - 21° C)			
8 to 10 wks	68° - 70° (20° - 21° C)		Soil EC 0.8 - 1.0 pH 5.5 to 6.2	
(15 cm) 6 ½”				

Pests	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIOCARB, ACINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
Diseases	Botrytis	CYPRODINIL+FLUDIOXONIL, IPRODIONE, 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	feed 100 to 125 ppm N	Day neutral	Daminozide @ 2000 2500	Drench fungicide at transplant	
Week 6 to 13	5.5 to 6.2	0.8 to 1.0	65 to 68 f	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™**



# 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	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	72 / 74 F	Feed 100 ppm to 150 ppm	Not required			
Week 4	5.8 to 6.2	1.0 to 1.2	70 F	Feed 100 to 150 ppm	Not required			
Week 5	5.8 to 6.2	1.0 to 1.2	70 F	Feed 100 to 150 ppm	Not required	Daminozide as needed		Daminozide @ 2000 to 2500 ppm



# 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	Average Day	Pinch –Yes  Night interruption or extended day- Optional	150 - 200 ppm N	Spray Daminozide @ 2500 to 3750 ppm
(12 cm) 5” pot	68° - 70° (20° - 21° C)		Soil EC 1.0 - 1.2 pH 5.8 to 6.2	Paclobutrazol drench @ 1 to 2 ppm
8 to 9 wks				
(15 cm) 6 ½”				
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	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	feed 100 to 150 ppm		Paclobutrazol Drench if required		Paclobutrazol drench @ 1 to 2 ppm





# 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)

Purple Haze™ flowers open all at the same time with strong color, its semi upright structure is perfect for quarts and larger

More varieties in the TOUCH™ lineup:



TOUCH™ Deep Pink



TOUCH™ Blue



TOUCH™ White



TOUCH™ Baby Pink



Purple Haze™



# 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	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F	50 ppm N in mist	Not required		Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	72 / 74 F	Feed 100 ppm to 150 ppm	Not required			
Week 4	5.8 to 6.2	1.0 to 1.2	70 F	Feed 100 to 150 ppm	Not required			
Week 5	5.8 to 6.2	1.0 to 1.2	70 F	Feed 100 to 150 ppm	Not required	Daminozide as needed		Daminozide @ 2000 to 2500 ppm



# 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	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, 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  
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	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	feed 100 to 150 ppm		Paclobutrazol Drench if required		Paclobutrazol drench @ 1 to 2 ppm



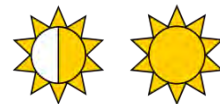


# VANESSA™

Verbena x hortensis



BRAND  
NEW 24



**VANESSA™ Magenta**

- 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)

More varieties in the VANESSA™ series:



**VANESSA™  
Optik Grape**



**VANESSA™  
Lime**



**VANESSA™  
Bicolor Indigo**



**VANESSA™  
Bicolor Pink**



**VANESSA™  
Dark Pink**



**VANESSA™  
Purple**



**VANESSA™  
Red**



**VANESSA™  
White Improved**

For additional technical growing information:

[VANESSA™ CLICK HERE](#)



 **DANZIGER**

[www.danzigeronline.com](http://www.danzigeronline.com) |   

# 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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 68 / 70 F	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	1.0 to 1.2	65 to 68 F	feed 100 to 150 ppm		Daminozide as required		

For additional technical growing information:

VANESSA™ [CLICK HERE](#)



[www.danzigeronline.com](http://www.danzigeronline.com) |   

# 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	Average Day	No pinch is necessary  Day Neutral	150 - 200 ppm N	Daminozide @ 2500 ppm for finishing
(12 cm) 5" pot	60° to 68°F (16° to 20°C)		Soil EC 1.0 - 1.5 pH 5.8 to 6.2	Paclobutrazol @ 1 to 2 ppm drench to finish
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	Diseases
Aphids	Botrytis
Thrips	Pythium
	Phytophthora



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	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	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](#)





# VANESSA™ COMPACT

Verbena x hortensis



BRAND  
NEW 23



- 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)

## VANESSA™ COMPACT Bordeaux

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	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	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 68 / 70 F	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	1.0 to 1.2	65 to 68 F	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	Average Day	No pinch is necessary  Day Neutral	150 - 200 ppm N	Daminozide @ 2500 ppm for finishing
(12 cm) 5” pot	60° to 68°F (16° to 20°C)		Soil EC 1.0 - 1.5 pH 5.8 to 6.2	Paclobutrazol @ 1 to 2 ppm drench to finish
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	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, 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	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	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](#)

