

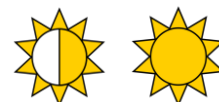
SOL SEEKER™

Helianthus hybrid

New
2025



**SOL SEEKER™
Bronze Burst**



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

More varieties in the SOL SEEKER™ series:



**SOL SEEKER™
Bee Yellow**



**SOL SEEKER™
Golden Nectar**



**SOL SEEKER™
Honey**

For additional technical growing information:

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PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time



Width



Height

Spring / Summer
Flowering

(30 - 40")
76 - 102 cm

(36 - 43")
91 - 110 cm

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



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



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

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

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FINISHING TIPS

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

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

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



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

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

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