

# Solseeker™

Plant Some Sunshine

*Helianthus*

- Little to no PGR needed
- Grower friendly habit
- One pinch after 3 weeks from sticking
- Can fit well in 12cm pot with little PGR sprayed
- Lower water consumption than other commercial varieties



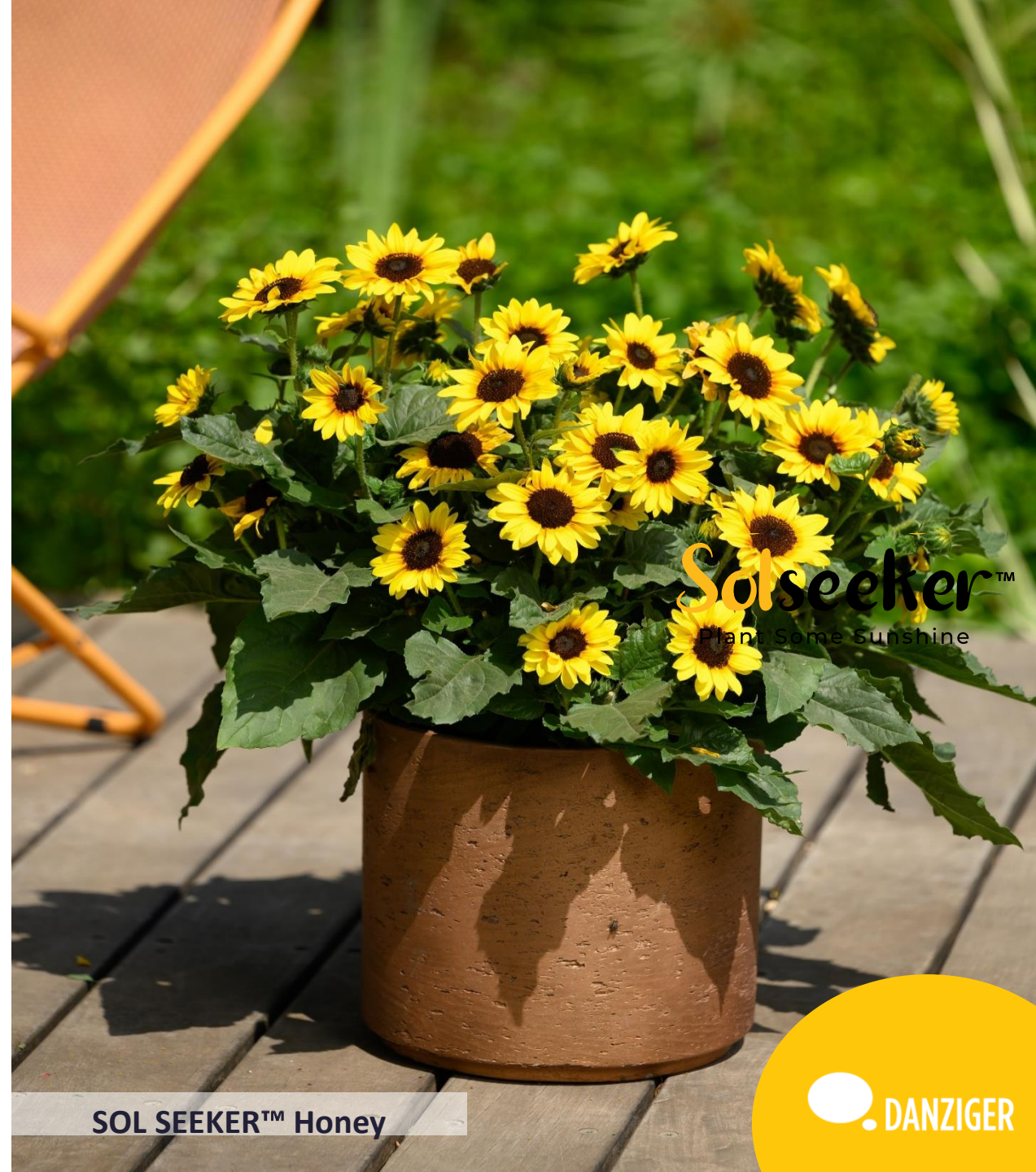
Upright



Landscape



15-18 cm  
Gal+



SOL SEEKER™ Honey

DANZIGER

# The SOL SEEKER™ series



**SOL SEEKER™ Bee Yellow**

↑ 36 in  
↓ 91 cm

← 36 in  
→ 91 cm



**SOL SEEKER™ Bronze Burst**

↑ 43 in  
↓ 110 cm

← 36 in  
→ 91 cm



**SOL SEEKER™ Golden Nectar**

↑ 36 in  
↓ 91 cm

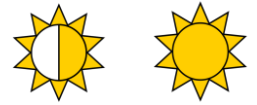
← 40 in  
→ 102 cm



**SOL SEEKER™ Honey**

↑ 40 in  
↓ 102 cm

← 30 in  
→ 76 cm



Stick on priority – Number 3 out of 4 categories

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 3-4 100 to 150 ppm N	Day of sticking & Week 2

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 ppm to 150 ppm	Extend Day		Second fungicide app	
Week 4	5.8 to 6.2	1.0 to 1.2	65°/68°F (18°/20°C)	Feed 100 ppm to 150 ppm	Extend Day	Daminozide as needed		Pinch at transplant



- **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.
- Light in propagation when in short days - Extend day to 12 hours with high intensity light. Pinch in liner when roots are established or at transplant.





## *Helianthus hybrid*

- 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			

<b>Pests</b>	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
<b>Diseases</b>	Botrytis	CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN
	Pythium Phytophthora	PROPAMOCARB / MEFENOXAM
	Rhizoctonia	AZOXYSTRONBIN / ETRIDIAZOLE / FLUDIOXONIL / PCNB

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
<b>Week 6 Transplant</b>	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	
<b>Week 6 to 13</b>	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



- 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