

# SOLANNA™



## Coreopsis grandiflora

- First-year flowering with no vernalization or cooling required, however most varieties benefit from 14 days of cool temperature (100C or less)
- Well branched
- Prolonged flowering, spring to fall
- Self-cleaning



Pollinator  
Friendly



13-15 in  
35-40 cm



20-22 in  
50-55 cm



12-18 cm  
Gal+,  
Patio Pot



Landscape



4-10

Variety Name	Flower Color	Flower Size	Flower Type	Tolerance to Day Length & High Temp.	Flowering Time [(From Planting)]	Growth Habit
Solanna™ Bright Touch	Dark Yellow & Red	Medium	Single	Medium-Low	Late spring	Mounded
Solanna™ Glow	Light Yellow	Medium	Single	Low	Late spring	Semi-Upright
Solanna™ Golden Crown	Yellow	Large	Single	Medium	Spring	Semi-Upright
Solanna™ Golden Sphere	Yellow	Large	Double	Low	Spring	Mounded
Solanna™ Sunset Bright	Yellow & Red	Medium	Single	High	Spring	Mounded
Solanna™ Sunset Burst	Light Red & Light Yellow	Large	Single	High	Late spring	Semi-Upright
Solanna™ Sunshine	Yellow	Extra Large	Semi-Double	Medium	Spring	Semi-Upright



# SOLANNA™ series

1st  
YEAR  
Flowering



SOLANNA™ Sunset Bright



SOLANNA™ Bright Touch



SOLANNA™ Glow



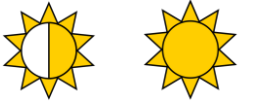
SOLANNA™ Golden Sphere



SOLANNA™ Sunset Burst



SOLANNA™ Sunshine



Stick on priority – Number 3 out of 4 categories

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



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



– Coreopsis respond to long days for flowering (obligate long day plant). The Solanna™ series flower response is late May / early June. Daminozide at 1000 to 1500 ppm week 4.

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.8 / 6.2	0.80	22 / 23 C	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.6 to 6.2	.80 to .90	22 / 23 C	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 20 / 21 C	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	.90 to 1.0	20 to 21 C	Feed 100 to 150 ppm		Daminozide as needed		
Week 5	5.8 to 6.2	1.0 to 1.2	18 C	Feed 100 to 150 ppm		Daminozide as needed		



## Coreopsis grandiflora

- Pinching should not be required unless plants have elongated
- Spray for Powdery Mildew and bacterial leaf spot during production
- High quality plants are finished with high light and cool temperatures

Average Time (from liners)	Temperature	Pinch/ Daylength Modification	Fertilization	Plant Growth Regulator
8 to 9 wks	Average Day	Pinch – Optional	150 - 200 ppm N	Daminozide spray application @ 2500 – 3750 ppm Paclobutrazol 1 to 2 ppm drench
15 cm (1 gallon) 1 ppp	(20° to 21° C)			
9 to 10 wks			Soil EC 1.0 - 1.2 pH 5.6 to 6.2	
20 cm (2 gallon) 1 ppp				

<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



- **PGR** - Spray Daminozide at 2500 to 3750 ppm on finished plants early in crop schedule / Paclobutrazol drench application at 1 to 2 ppm for finishing if required to hold plants
- **Maintain good airflow** and allow plants to dry before nightfall. Spray for Powdery Mildew
- **Scout** for Aphids, Thrips and Whiteflies
- **Drench** after transplant for Rhizoctonia and Pythium / Phytophthora

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
<b>Week 6 Transplant</b>	5.6 to 6.2	1.0 to 1.2	20° to 21° C	feed 150 to 200 ppm		Daminozide as needed	Drench fungicide after transplant	Control of Pythium & Rhizoctonia
<b>Week 6 to 13</b>	5.6 to 6.2	1.0 to 1.2	20° to 21° C	feed 150 to 200 ppm		Paclobutrazol Drench at 1 to 2 ppm		Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size