

Helianthus F1 Sunny Smile™

Helianthus annuus



COLORS AVAILABLE:	Golden yellow petals, dark center
SIZE/PLANT HABIT	Height under short days: 6 - 10 inches tall, under long days: 15 – 18" / annual
NOVELTY CHARACTERISTICS:	Dwarf, early blooming, day length neutral, branching, pollenless flowers are a rich color with broad petals, maintains an excellent shape without petal curling
MARKET USE:	Pot crop, patio pot, mixed container
<u>CULTURAL RECOMMENDATIONS:</u>	
FINISH CONTAINER:	4½ - 6" pot, gallon or multiples in larger container
PLUG STAGE:	
GERMINATION:	Emergence in 5 – 10 days / 75 – 80°F / cover seed approximately 0.5", in winter less than 0.5"
EC (POUR THRU METHOD):	Emergence to cotyledon expansion:= 0.75 mS/cm Cotyledon expansion to true leaf growth = 0.75 – 1.0 mS/cm Plug/young plant finish = 1.0 – 1.75 mS/cm
PLUG FINISH TIME:	Best if direct sown, 10 – 14 days for plugs
FINISHING:	
TRANSPLANT:	21 – 25 days
SPACING:	3" for short stems, up to 12" for long stems"
DAYS TO FLOWER FROM SOWING:	8 weeks
TEMPERATURE:	75 – 85°F day / 60 – 70°F
EC (POUR THRU METHOD):	1.75– 3.0 mS/cm
pH:	5.8 - 6.2
COMMON DISEASE/PESTS:	Pythium root rot especially a problem during cool, moist weather/ Aphids
NOTES:	
	<ul style="list-style-type: none"> • A-Rest, B-Nine, Bonzi & Sumagic are all effective on this variety • Feed heavy enough to maintain green cotyledons up to flowering (250 – 300 ppm N). Watch for iron deficiency when pH exceeds 6.8. • Nutritional and/or water stress early in the culture of Helianthus (especially in plug trays) can cause premature budding and lower finish quality.

Descriptions, illustrations, photos and disease resistance, etc. are based upon the results obtained under favorable conditions and certain races of pathogens/diseases. Identical results are not guaranteed nor implied for all growing conditions. Information is based on average data compiled. Physical characteristics, adaptability and disease tolerance may vary under different conditions. Rev B