



# Helianthus F1 Sunrich™ Series

## *Helianthus annuus*

COLORS AVAILABLE:	Gold, Lemon, Lime, Orange Gold Summer, Lemon Summer, Limoncello Summer, Orange Summer, Provence Summer
SIZE/PLANT HABIT/TYPE	48" – 60" /Single stem, 5" to 6" flowers /Annual
NOVELTY CHARACTERISTICS:	Early, male sterile (pollen free) flowers, bright colors with contrasting centers
MARKET USE:	Cut flower

### CULTURAL RECOMMENDATIONS:

SOWING:	Spring, summer
FINISHING:	Summer, fall
PHOTOPERIODISM:	Flowering accelerated under short days
PLUG STAGE:	
GERMINATION:	75°F
TRAY SIZE:	Direct sow, not recommended for plugs
FINISHING:	
TRANSPLANT:	Direct sow
SPACING:	5"
DAYS TO FLOWER FROM SOWING:	60 – 65 days
TEMPERATURE:	Minimum growing temperature of 60 – 65°F
COMMON DISEASE/PESTS:	Botrytis, mildew/Thrips, Aphids, leaf rollers

### NOTES:

- Grow them densely and do not over fertilize. (If lower leaves begin turning yellow, give liquid fertilizer to keep the leaves a clear green color.)
- With excessive fertilizer they will become too large for cut flowers
- **Sunrich Summer** varieties bloom 5 to 10 days earlier than rest of the series
- A good cut flower of this variety will have a height of about 2-2½ feet, flower will be 5-6" in diameter
- **\*Sunrich Orange DMR** is resistant to multiple strains of Downy Mildew (*Plasmopara halstedii*). Plant height, growing speed as well as flower shape and color are similar to Sunrich Orange, flowering 65-85 days after sowing, depending on growing conditions, and is suitable for spring to summer cultivation with growing and sowing under long-day conditions. Sunrich Orange DMR highly restricts the growth and development of Downy Mildew and the damage caused under normal pathogen pressure when compared to susceptible varieties. It may exhibit some disease symptoms or damage under heavy pathogen pressure. New and/or atypical strains of the specified pathogen may overcome the resistance, sometimes completely.

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, a adaptability and disease tolerance may vary under different conditions.

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