

# Matthiola (Stock) Midget™ Series

## *Matthiola incana*



COLORS AVAILABLE:	Lavender, Red, Rose, Violet, White, Mix
SIZE/PLANT HABIT:	Height: 8 - 10" / Branching / Annual
NOVELTY CHARACTERISTICS:	Extra-early blooming, fragrant, 50% doubles –selectable for doubles which have serrated true leaves while singles have smooth-margined true leaves
MARKET USE:	Cool season – spring and fall – bedding and container use, great winter annual in the deep South

### CULTURAL RECOMMENDATIONS:

CONTAINER SIZE:	
SOWING:	128 – 392 cell tray
FINISH CONTAINER:	Large packs, 4" pot, multiples in 6" pots or gallons
PLUG STAGE:	
TRAY SIZE:	200
GERMINATION:	Emergence 7 - 10 days / 65 - 70°F / cover seeds
EC (POUR THROUGH METHOD):	Emergence to cotyledon expansion = 0.5 – 0.75 mS/cm Cotyledon expansion to true leaf = 0.5 – 0.75 mS/cm Plug finish = 1.0 – 1.5 mS/cm
PLUG FINISH:	4 - 5 weeks in a 288 tray
FINISHING:	
TRANSPLANT:	25 – 35 days after sowing
DAYS TO FLOWER AFTER SOWING:	60– 75 days
TEMPERATURE:	55- 65°F day / 50- 55°F night
EC:	1.5 – 3.0 mS/cm (pour thru method)
PH:	6.0 – 6.8
COMMON DISEASE/PEST:	Downy mildew

### NOTES:

- For management of downy mildew, be mindful of watering practices. Keep humidity low, grow crop using increased ventilation, promptly remove infected material. At first sign of disease use both systemic and contact fungicides on a rotational basis.
- Cycocel, B-Nine and Bonzi have all proven effective on Stock.
- Plug tray drench treatments with Bonzi (0.5 – 1.0 ppm) after seedling emergence have all been very successful (trial was conducted in the fall in coastal California, rates are only suggested, growers should adjust rates according to their own growing conditions).

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