



## *Erigeron* **Prosperity**

Excellent potential in container culture

<b>Common Name</b>	Fleabane
<b>Hardiness</b>	USDA Zones 5 to 8
<b>Height in Flower</b>	14-20"

A new dwarf cultivar producing dozens of lavender-blue flowers with yellow centers. Blooms non-stop from early summer through fall.

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### Production Information

<b>Propagation</b>	Vegetatively by cuttings.
<b>Starting Material</b>	70-cell plugs with 4 to 6 leaves were used for initial plant screen. 44-cell plugs with 12-20 leaves were used for determining cold requirement.
<b>Bulking</b>	Recommended prior to cooling although specific requirements have not been investigated.
<b>Cold Treatment</b>	Cold horticulturally required for flowering. No SD plants flowered without cold at 5°C(41°F), the only temperature tested. About 50% LD plants flowered without cold. With up to 12 weeks of cold, only about 80% SD plants flowered, whereas all LD plants flowered following 3-15 weeks of cold. Cold reduced flowering time by up to 4 weeks in LD plants and increased inflorescence height slightly.
<b>Photoperiod</b>	Quantitative long-day plant: Cooled plants flowered under SD and LD but flowering was hastened under LD; 4-5 wks under LD(16-h) versus 7-8 wks under SD (9-h).
<b>Light Quantity</b>	Plants were most attractive and formed the greatest number of flowers when grown with light intensities $\geq 10 \text{ mol m}^{-2} \text{ d}^{-1}$ .
<b>Temperature</b>	All plants were grown at 20°C(68°F).
<b>Weeks to Flower</b>	Plugs cooled for 3 and 15 weeks at 5°C flowered in 7-8 weeks and 6-7 weeks, respectively under LD when grown at 20°C(68°F).
<b>Plant Growth Regulation</b>	PGR s tested.
<b>General Recommendations</b>	Although small plugs flowered readily following a cold treatment, it is recommended that they be bulked for several weeks prior to cooling for best show in a container. Minimum 3 weeks of cold and LD recommended. Additional cold reduced flowering time and resulted in plants with fewer leaves, giving them a 'leggy' appearance. Bulking plants in pots before cooling may improve appearance.

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