



# Campanula F1 Takion™ Series

*Campanula persicifolia*



COLORS AVAILABLE:	Blue, White
FLOWER/GARDEN SIZE:	Beautiful upright, bell-shaped flowers 2 to 2.5 inches in diameter, on upright spikes Height from 16 to 20" – about half the height of the standard <i>C. persicifolia</i> varieties
NOVELTY CHARACTERISTICS:	Bred for dwarf habit – generally produces 6-8 branches for heavy flowering without pinching. Extremely attractive, floriferous plants make an excellent pot crop. Takion lasts very well as a cut flower for the home garden.
MARKET USE:	Pot plant for a sunny window or in containers outdoors – has excellent consumer appeal. Good cool culture crop for fuel savings, can be started in summer and overwintered outside to finish in spring in many areas
<b><u>CULTURAL RECOMMENDATIONS:</u></b>	
SEASONAL APPLICATION:	
SOWING:	288 tray
FINISH CONTAINER:	6-inch pot, gallons or mixed containers
PLUG STAGE:	
GERMINATION:	Emergence 7-10 days at 68°F (20°C); needs light
EC (POUR THROUGH METHOD):	Emergence to cotyledon expansion: 0.5 – 0.75 mS/cm Cotyledon expansion to plug finish: 0.75 – 1.0 mS/cm
PLUG FINISH TIME:	6 - 7 weeks in a 288 tray
FINISHING:	
TRANSPLANT:	If sowing in open trays or small plugs, transplant at the three leaf stage; for larger plugs, 45-55 days after sowing
DAYS TO FLOWER:	170 days at 60 – 65°F, longer if grown cooler (to 230 days depending on temperature)
TEMPERATURE	55 - 65°F day / 40 - 55°F night
EC(POUR THROUGH METHOD):	1.0 – 2.5 mS/cm
pH:	5.5 – 6.0
COMMON DISEASE / PESTS:	Botrytis, pythium, rhizoctonia

***Please see "Notes" on following page***

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 D



**NOTES:**

- Takion series requires a vernalization (chilling) period of at least 4 weeks to induce flowering for greenhouse culture.
- Typically, *C. persicifolia* is sown in late summer or early fall and overwintered in the garden – grown this way Takion will flower natural season in May.
- The root system of Campanulas is sensitive, especially in warm periods – try to keep fertilizer levels low under very warm growing conditions to avoid root damage.
- Takion has been tested for hardiness down to 20°F in Japan – being a *C. persicifolia* hybrid, it should have hardiness to temperatures below 0°F, as the species is hardy to at least -20°F; it should be able to be vernalized over winter as far north as Michigan as other *Campanula* species. Trials are recommended.
- Pinching is not required as it is bred to self-branch.
- Takion does not need PGR applications as it is bred to be genetically dwarf. If regulating is desired for shorter plants than the 16-20” standard height, B-Nine is effective in controlling flowering height. Applications should be made as the plants begin to grow after vernalization. Our trials have shown a 0.25% solution applied as a spray to be effective, but we strongly suggest you do trials under your specific growing conditions and climate.
- Provide good ventilation and allow foliage to dry before nightfall.
- Watch for botrytis once flowers emerge.