

CAMPANULA F₁ TAKION SERIES

Campanula persicifolia hybrid



C. Takion Blue

C. Takion White

COLORS AVAILABLE:	white, blue (lavender)
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 CHARACTERISTIC:	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 crop for cool culture for fuel savings – can be started in summer and over-wintered outside to finish in spring in many areas

CULTURAL RECOMMENDATIONS:

CONTAINER SIZE:	
SOWING:	288 tray
FINISH CONTAINER:	6" pots, gallons or mixed containers
PLUG STAGE:	
GERMINATION	emergence 7-10 days / 68°F / needs light
EC (POUR THRU 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 days; longer if grown cooler (to 230 days, depending on temperature.)
TEMPERATURE:	55-65°F day / 40-55°F night
VERNALIZATION:	Takion requires a vernalization period to induce flowering; we recommend a minimum of 4 weeks at temperatures of 32°F to 35°F to properly induce flowering response. Trials are currently ongoing to test for vernalization in large plugs to make sure that maximum branching development is not impaired by early cooling.
EC:	1.0-2.5 mS/cm (pour thru method)
pH:	5.5-6.0
COMMON PESTS/DISEASES:	Botrytis, Pythium & Rhizoctonia

(SEE CULTURAL NOTES NEXT PAGE)

AMERICAN TAKII

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 are 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 should 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 & allow foliage to dry before nightfall
- Be watchful for botrytis once flowers emerge.

