

Viola wittrockiana (Pansy) F1 Xtrada

Life cycle	Hardy Annual / Biennial
Family / Origin	Violaceae / Europe and Western Asia
Popular uses	Pot and pack, mixed containers, garden, borders and beds
Mature plant height:	20-25 cm (8-10")
Mature plant width:	20-25 cm (8-10")
Pot size:	9-12 cm (4-5") pot and packs
Plants per pot:	1 plant per pot 3 plants for 15 cm (6") pots and larger
Sun exposure:	Sun or partial shade
Water requirements:	Reduced, avoid wet conditions
Flowering season:	Summer, autumn
Media:	A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 1.4-1.8 (210-270 ppm N)
Growing temperature:	Plants can be grown at 10-15°C (50-59°F) or as cool as possible during warm weather conditions A higher average day temperature will speed up the process
Light:	Increasing day length induces flowering.
Fertilizer needs:	Balanced N:P:K fertilizer as needed recommended EC 1.4-1.8 (210-270 ppm N) with a calcium-based fertilizer
Crop time:	For Autumn sales: 7-10 weeks
Hardiness zone:	Z 6-8



Description

Xtrada is compact yet vigorous with a strong branching plant habit and extra-large flowers up to 10 cm (4")

Growth regulators

Chlormequat (CCC), Daminozide (Dazide/B-Nine) or Paclobutrazol (Bonzi)

Common Diseases

Pythium, Phytophthora, Leaf Spot and Botrytis

Common Pests

Check/monitor for fungus gnats and shore flies during plug production
Aphids and thrips

Pinching

No need

Plug Production

Seed forms	Raw and Primed
Seed count	700-950 seeds/gram (20,000-27,000 seeds/oz.)
Seeds cell	1
Vermiculite cover	Normal cover
Stage 1 Germination	Germination of raw seed takes 4 to 5 days; primed seed takes 2 to 3 days at 18-24°C (64-75°F) Sow the seeds in a well-moistened soil mix with a pH between 5.5-5.8 Light is not required for germination until the radicle emerges EC 0.5-0.7 (75-105 ppm N) Pansy is very sensitive to high salt levels (especially high ammonium levels) during germination. Keep the ammonium level below 10 ppm
Stage 2 Stem and cotyledon	Growing medium temperature 15-18°C (59-64°F); the cooler the temperature, the slower and more vigorous the plant growth Reduce the moisture level as soon as the radicles appear! Allow the soil to dry out slightly before watering, for best germination and rooting
Stage 3 Growth and development	Moisture: reduce moisture levels and allow medium to dry between watering Do not let the plants wilt Temperature: 15-18°C (59-64°F) EC 1.4-1.8 (210-270 ppm N)
Stage 4 Ready for transplanting	Moisture: reduce moisture levels and allow the medium to dry between waterings Do not let plants wilt Temperature: 13-15°C (55-59°F) Fertilizers: see stage 3
Plug crop time:	4-5 weeks
Approximate finish time	5-7 weeks
Special tips:	Transplant seedlings in well-drained media with a pH of 5.8-6.0 Allow the media to dry slightly between waterings, but do not allow the plants to wilt. Plants can be grown at 10-15°C (50-59°F) or as cool as possible during hot weather