

Mertensia maritima Silver Ocean



Life cycle	Perennial/herbs
Family/origin	Boraginaceae/Canada, Greenland and Scotland
Popular uses	Perennial garden, containers, pots and hanging basket Oyster flavored leafy plant for salads and fish dishes
Mature plant height	20-25 cm (8-10")
Mature plant width	30-40 cm (12-16")
Pot size	10-15 cm (4-6") pots; hanging baskets
Plants per pot	1 3-5 plants per hanging basket
Sun exposure	Sun/partial shade
Water requirements	Moderately moist
Flowering season	Summer
Media	A well-drained, porous media is best to prevent over watering pH 5.8-6.2 EC. 0.5-1.4 (75-210 ppm N)
Growing temperature	Temperature for active growth 10-16°C (50-60°F) at night days up to 16°C (60°F) Higher average day temperature will speed up the process
Light	Long-day flowering
Fertilizer needs	Balanced N:P:K fertiliser as needed recommended EC 1.4-1.8 (210-270 ppm N)
Crop time	15-21 weeks needs vernalization for flowering
Hardiness zone	Z 2-8



Silver Ocean

Growth regulators

Not recommended for use on edibles

Common Diseases

Leafspots and Fusarium, avoid wet leaves at night for Botrytis

Common Pests

Slugs and Snails

Pinching

No need although frequent cutting will enhance re-growth

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Plug Production



Seed forms	Pro seed
Seed count	250-400 sds/gr (7,000-11,200 sds/oz) <i>Varies by lot!</i>
Recommended plug size	288-128
Seeds cell	3-4
Vermiculite cover	Normal cover
Stage 1 Germination	Media pH 5.5 to 6.3 Moisture: keep medium saturated Temperature: 20-22°C (68-72°F) growing medium temperature EC 0.5-1.0 (75-150 ppm N)
Stage 2 Stem and cotyledon	Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases Prevent wet foliage after nightfall Temperature: 18-20°C (65-68°F) EC 0.5-1.0 (75-150 ppm N)
Stage 3 Growth and Development	Reduce moisture levels and allow medium to dry slightly between watering but do not allow plants to wilt Temperature: 16-18°C (61-65°F) Fertilizers: EC 1.4-1.8 (210-270 ppm N)
Stage 4 Ready for Transplanting	Reduce moisture levels and allow medium to dry slightly between watering but do not allow plants to wilt Temperature: 13-15°C (54-59°F) Fertilizers: see stage 3
Plug crop time	5-6 weeks
Approximate finish time	10-15 weeks-needs vernalization for flowering
Special tips	Plants should be grown moderately moist too dry gives yellow leaves The crop needs to have good air circulation in well ventilated conditions

