

Ruta chalepensis Barry

Life cycle	Perennial / Herbs
Family / Origin	Rutaceae / South East Europe, Asia
Popular uses	Containers and pots, perfect for garden fragrances, medicinal plants, oil aromas
Mature plant height	40-50 cm (16-20")
Mature plant width	35-45 cm (14-18")
Pot size	10-15 cm (4-6")
Plants per pot	1
Sun exposure	Sun / partial shade
Water requirements	Reduced, avoid wet conditions
Flowering season	Summer
Media	Use a well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 0.7-1.2 (105-180 ppm N)
Growing temperature	For active growth 10-16°C (50-61°F) at night Days up to 16°C (61°F) Higher average day temperature will speed up the process
Light	N/A
Fertilizer needs	Balanced N:P:K fertilizer as needed recommended EC 1.4-1.8 (210-270 ppm N)
Crop time	15-18 weeks Vernalization necessary to achieve flowering
Hardiness zone	Z 5-9



Description

Ruta is a nice compact blue-green evergreen foliage plant, making it a great addition to mixed containers

Growth regulators

not recommended for use on herbs

Common diseases

Wet foliage needs to be avoided to prevent Botrytis

Common pests

Spider Mites, Aphids and Thrips

Pinching

No need, although frequent cutting will enhance regrowth

Plug Production

Seed forms	Raw
Seed count	500 seeds/gram (14.000 seeds/oz); varies per lot!
Recommended plug size	288-128
Seeds cell	3-4
Vermiculite cover	Normal
Stage 1 Germination	Media: pH 5.5 to 6.3 Media: EC 0.5-1.0 (75-150 ppm N) Moisture: keep medium saturated Growing medium temperature: 20-22°C (68-72°F)
Stage 2 Stem and cotyledon	Reduce moisture levels to achieve optimum root penetration and prevent fungal diseases. Avoid wet foliage after nightfall Temperature: 18-20°C (64-68°F) Fertilizer 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 (61-64°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 (55-59°F) Fertilizers: see stage 3
Plug crop time	5-6 weeks
Approximate finish time	10-12 weeks
Special tips	Plants should be grown dry and watered evenly when necessary The crop needs good air circulation under well-ventilated conditions