



## Ruta chalepensis Barry Exp.



*Ruta chalepensis Barry Exp.*

<b>Life cycle</b>	Perennial/herbs
<b>Family/origin</b>	Rutaceae, South East Europe, Asia
<b>Popular uses</b>	Containers and pots, perfectly suited for garden fragrance, medicinal plant, oil flavouring
<b>Mature plant height</b>	40-50 cm (16-20")
<b>Mature plant width</b>	35-45 cm (14-18")
<b>Pot size</b>	10-15 cm (4-6")
<b>Plants per pot</b>	1
<b>Sun exposure</b>	Sun/partial shade
<b>Water requirements</b>	Reduced, avoid wet conditions
<b>Flowering season</b>	Summer
<b>Media</b>	Use a well-drained, porous media is best to prevent over watering pH 5,5-6,2 EC 0,7-1,2 (100-180 ppm N)
<b>Growing temperature</b>	Temperature for active growth 10-16°C (50-60°F) at night, days up 16°C (60°F). Higher average day temperature will speed up the process
<b>Light</b>	N/A
<b>Fertilizer needs</b>	Balanced N:P:K fertiliser as needed recommended, instead EC 1,4-1,8 (210-275 ppm N)
<b>Crop time</b>	15-18 weeks, you need vernalisation for flowering
<b>Hardiness zone</b>	Z 5-9

### 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 re-growth

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## Plug Production



<b>Seed forms</b>	Raw
<b>Seed count</b>	500 sds/gr (14.000 sds/oz) <i>Varies by lot!</i>
<b>Recommended plug size</b>	288-128
<b>Seeds cell</b>	3-4
<b>Vermiculite cover</b>	Normal
<b>Stage 1 Germination</b>	Media pH 5,5 to 6,3 EC 0,5-1,0 (75-150 ppm N) Moisture: keep medium saturated Temperature: 20-22°C (68-71°F) growing medium temperature
<b>Stage 2 Stem and cotyledon</b>	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) Fertilizers: EC 0,5-1,0 (75-150 ppm N)
<b>Stage 3 Growth and development</b>	Moisture: reduce moisture levels and allow medium to dry slightly between watering but do not allow plants to wilt Temperature: 16-18°C (60-65°F) Fertilizers: EC 1,4-1,8 (210-275 ppm N)
<b>Stage 4 Ready for transplanting</b>	Moisture: 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
<b>Plug crop time</b>	5-6 weeks
<b>Approximate finish time</b>	10-12 weeks
<b>Special tips</b>	Plants should be grown dry, watering evenly when necessary. The crop needs to have good air circulation in well ventilated conditions

