



Pagoda™

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Botanical Background

Scientific name: *Caryopteris incana*.

Origin: Eastern Asia.

Family Variety: 16 known species mostly perennial.

Common Name: Bluebeard.

Scientific classification

Kingdom:	Plantae
(unranked):	Angiosperms
(unranked):	Eudicots
(unranked):	Asterids
Order:	Lamiales
Family:	Lamiaceae
Genus:	<i>Caryopteris</i>

Please keep in mind that these are only general recommendations and should be adjusted to the particular conditions on your farms, and to the agro-technical means available to you.

Area Preparation

Structures: Tunnel, Greenhouse or Open field.

Soil: All types of drained soils, light soil preferable.

Beds: 1 meter wide beds and paths of 0.5 m.

Irrigation: 2-3 drip lines and an overhead system
(for the first 2 weeks).

Support System: 30 X 30 cm support net.



Irrigation & Fertilization

Drip Irrigation: 30 cubic m/day/Ha. Intervals between irrigations are according to soil type and temperatures.

* Excessive irrigation causes chlorotic stems.

Fertilization:

Element	N	P	K
Ratio	5	3	8
Value	120ppm	20ppm	200ppm

Flower Induction Requirements

- In long-day conditions *Caryopteris* stays vegetative.
- Darkness of 14 hours accelerates flower induction.

Natural Blooming: Shortening day length (Israeli august).



Planting

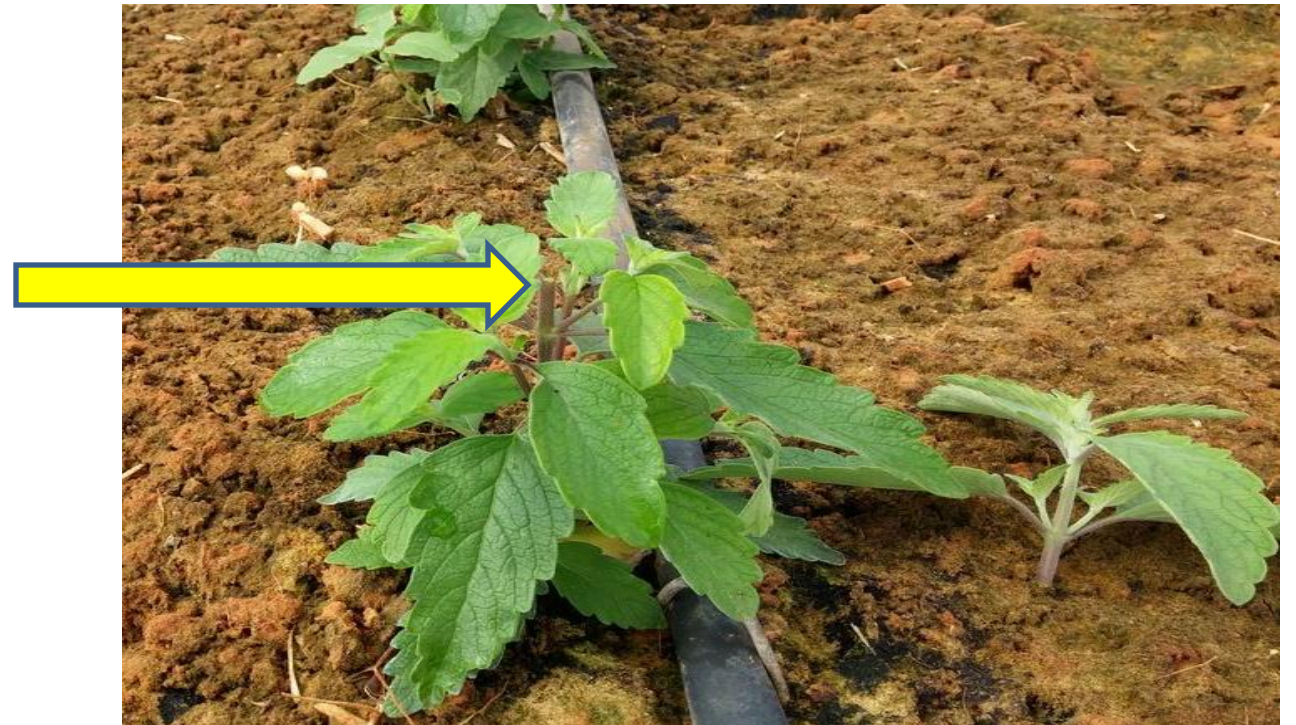
Density: 6 plants per m² (net)



Pinching

- Pinch above 3-4 pairs of leaves
- About 3-9 weeks after planting
- Pinching time is temperature depended.

Pinching & the part that was removed on the right



Thinning Out

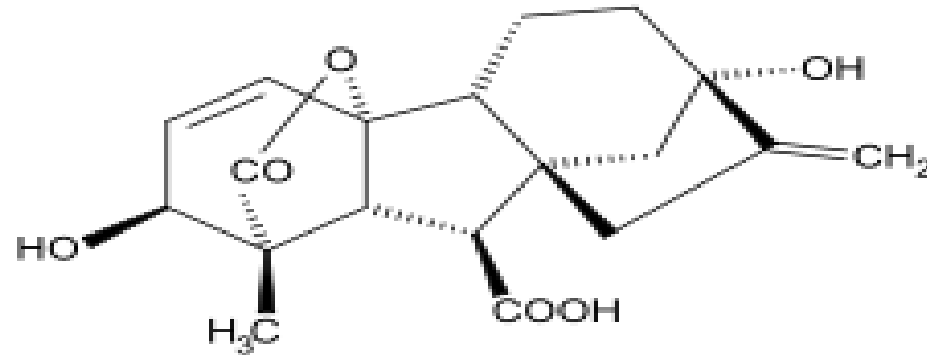
When new shoots emerge, thinning out is required (6-8 stems per plant) in order to achieve qualitative yield.

Artificial Lighting

- Artificial lighting is used to simulate long-day conditions.
- Day length should be extended to ≈ 16 hours.
- Light can be applied intermittently, at a proportion of 1:2.
- Lighting may be ceased after stems reach a height of 50 cm.

Gibberellic Acid Treatment

During the cold season, applying **100ppm** of GA is required in order to fasten the plants growth.



Harvesting

- **Stage:** 3 whorls of open flowers.
- **Duration:** About two weeks.



Post-Harvest Treatment

The solution for post-harvest treatment (48 hours):

- 0.1% GALILEO (micro-organism inhibitors, acids and adjuvants)



Pruning

- After harvest plants are pruned at a height of 10-15 cm. to achieve a second flowering flush.
- When new shoots emerge, thinning out is required (6-8 stems per plant) in order to achieve qualitative yield.



Growth summery

- Caryopteris growth cycle is highly depended on temperature.
- During hot seasons, harvest starts about four months after planting.
- During cold seasons, growth rate is very slow.

Pests & Diseases

- Whitefly
- Thrips
- Caterpillar



*** All can be controlled**

Danziger's Pagoda™



- Pagoda™ Ocean
- Pagoda™ Lagoon
- Pagoda™ Blush



Flower Arrangements Examples



Questions?





Thank you
:)

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