

Cultural recommendation

Origanum

Description

Name: Origanum cultivars

Family: Lamiaceae

Varieties: Compactum, Hot&Spicy, Italian, O.Maggiorana



Product use

Use: Bedding, balcony plant and perennial in some regions

Exposure: Full sun, part shaded

Technical recommendations

Potting and Spacing: Spacing for 10,5-11cm pot, 25 plants /m². For 13-14 cm pot 18- 20 plants/m².

Substrate: Use a well-drained, disease-free, soilless medium with a good structure and pH 5.8-6.2.

As a basic fertilization starter of 0,8-1,0 g/l compound fertilizers should be in the substrate. To avoid root diseases, Origanum must have excellent substrate and container/pot field drainage.

Fertilizer: Origanum need light-medium fertilization. Start feeding when first roots become visible. Use a complete fertilizer balance 3-1-5 N-P-K with Ca, Mg and micronutrients at 0,8-1,0 gr/l in every watering. Slow-release fertilizer may be beneficial in supplementing fertilizer under outdoor production conditions.

Temperature: First 2-3 weeks keep night/day temperature at 14-16°C (57-61°F) until the crop is well established. After this period temperature can drop to minimum 8-10 °C (46-50°F). High temperature during low light periods causes stem elongation. Before the sales period, keep day temperature at 16-18°C (61-64°F) to harden and tone the plant.

Origanum grown at <20°C (68°F) tend to have better quality (compactness, better flowering, etc.). At temperature > 25°C (77°F) plant quality decrease (weak and stretched habit, etc.)

Water: Media should be allowed to moderately dry between irrigations to prevent diseases, control the growth and build stronger plants. Avoid overhead watering

Light: The best quality is achieved under full sun conditions or under greenhouse with high light conditions (40- 55 Klux). Origanum is day neutral plant (DNP) These plants initiate flowers under any daylength, but flower earlier with long days. Low light levels cause stem stretch and reduced plant quality.

Pinch: Not necessary with pinched young plant product. For other the non-pinched products, pinch 12-15 days after potting. For big pots a second soft pinch is recommended after 3-4 weeks

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Growth regulation: Under cold conditions Origanum is fairly compact and do not need height control. Providing cool temperatures, high light and keeping the media on the dry side, will help to prevent the stretch. Origanum is responsive to Daminozide (Dazide/Alar/B-nine).

Technical recommendations

These recommendations for plant growth regulators should be used only as general guidelines. Growers must trial all PGR under their conditions and follow the registration uses of each chemical in their country.

Pest and diseases: There are not many insects that can cause significant damages to Origanum. Thrips and aphids may occasionally appear. Start with clean material a well disinfected facilities together with a proper pest management program using different control strategies: exclusion, monitoring, biological and chemical control, are the best tools to control these pests.

The most common diseases on Origanum are, Rust, Phytophthora, Rhizoctonia and Botrytis. The best practices to reduce these diseases are:

- Good airflow, low humidity and grow relatively dry.
- Good substrate drainage
- Avoid overhead watering
- Proper spacing

Disease management should be addressed by sanitation strategies, environmental conditions control, biological and chemical control.

For the chemical control, follow the registration uses of each product in each country

Crop schedule * 12 cm pot

Spring Production

Week	1	2	3	4	5	6	7	8
	P						F	F

Autumn Production

Week	1	2	3	4	5	6	7	8	9	10	11
	P									F	F

Winter Production

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14
South EU	P												F	F

P: Potting. F: Finish plant

* This is a reference time schedule that can vary depending on the variety, growing conditions and region. Schedule start from pinched RC

NOTE: Growers should use the information presented here as guidelines only. Selecta One recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by Selecta One of any products listed herein