

Care instruction for finished product

Guideline for production schedule

Sowing	Potting	Distance	Sales
Week 4	Week 10	Week 16	Week 26
Week 12	Week 18	Week 23	Week 32
Week 18	Week 23	Week 27	Week 38

The production time depends on the light and temperature conditions under which the plants are grown. When potting before week 10 it is recommended to provide extra light to achieve an improved growth. Salsa, Favorit and Calypso grows faster from 1 until 2 weeks than Karneval and Festival.

The shown production times are based on a production where small plants are used in a tray of 91 holes and growing temperature of 16 - 18° C. We recommend to use trays with 264 holes for a production of small plants in 6 – 9 cm pots.

Recommended pot size

Karneval, Festival, Cubana and Bomba : 10 – 15 cm

Tango, Mambo, Calypso and Uchu : 10 – 12 cm

Favorit, Fuego and Candyshop : 9 - 11 cm

Salsa : 6 – 11 cm

Growing media

Light fertilised peat with pH 5.5-6.0.

Potting

You must water the plants with pure water after re-potting. We recommend a preventive watering with 3 o/oo Alliette to ensure optimum root growth in 5–7 days after potting.

Distance

About 4-5 weeks after potting you must make space between the plants.

Salsa	6 cm	90 plants/m ²
Salsa, Farvorit and Fuego	10 cm	40 plants/m ²
Karneval, Festival, Calypso, Mambo and Tango	10-11 cm	30-34 plants/m ²
Karneval and Festival	13 cm	22-26 plants/m ²

To ensure that the plants grow in the best way possible you should always make space between the plants when they begin to touch one another.

Watering

To ensure a good ramification the plants should not dry out too much during the first 2 - 3 weeks. Subsequently the plants can dry out between watering to set back the stretch growth. When watering from underneath you must ensure equal watering/drainage and maintain hose watering to the edges.

Salsa, Favorit and Tango® are all compact by nature and do not need as much drainage as other varieties.

Capsicum is more tolerant to drought but you may experience buds fall off if the plant dries out too much.

Fertilising

The following fertiliser mixtures are recommended for the growing of Capsicum.

The values are shown in ppm.

N	P	K	Mg	Ca	
100	20	180	18	100	+ micronutrients

The high level of potassium oxide ensures compact growth and nice blooming. The nitrogen can be increased to 120-150 as the fruits grow.

Optimum values by growing of Capsicum

Guide number: 1.8-2.3 (measured in the soil).

pH: 5.5-6.0 (measured in the soil).

CO²

If CO² is used the dosage is 600-800 ppm.

Capsicum can without problems be grown without the use of CO².

Length of day/Plant light

Usually plant lights are not used by growing of Capsicum however by potting before week 10 it is recommended to add extra light.

Shadowing

Capsicum withstands much light, but in periods with high radiation it is recommended to use shadows in order to prevent stress.

Temperature

The recommended temperature for cultivation is 16 - 18° C.

Humidity

The humidity must not exceed 80% as it may increase the attack of grey mould (*Botrytis ssp.*).

Fruit buds

Light drainage between every watering will boost the flowering and a light sprinkling may result in a better fruit buds. However, fruiting is usually not a problem when producing Capsicum.

Retardation

Retardation is recommended as needed with 2-3 ‰ Alar.

It is recommended not to retard after budding as it will result in small and stunted fruits. On the other hand stretch growth can be controlled by water stress with drainage between each watering.

Name	Active substance	Concentration
Alar	Daminozid 85	3 ‰

Diseases

The following fungus diseases can be seen in Capsicum.

- *Botrytis ssp.*
- In warm periods *Phytophthora*, *Pythium* and *Fusarium* can cause trouble.

Pests

The following pests can be seen in Capsicum.

- green peach aphid (*Myzus persicae*)
- Whitefly (*Trialeurodes*)
- Thrips (*Thysanoptera*)

Consulting

This care instruction describes the most important guidelines for a quality enriched production based on our experiences from our own production of finished products. Please contact us if you request further information.