

Margrethe (E20B.0372)

Cultivation guidelines



Variety characteristics

- Red Blocky pepper
- High total production
- High average fruit weight (approx. 200 - 220 g)
- Good fruit quality
- Long shelf life
- Labour-friendly crop
- Resistance: TM: 0-3



Margrethe (E20B.0372)



General

Margrethe is a variety from screening trials of 2019 and 2020. This variety was also grown in 2 dedicated compartments in 2020. In addition, there were many trials at various growers throughout the country. The variety has been assessed as very good from all these tests and controllable departments. In 2021, Margrethe will be the main variety in NW Europe. In terms of labour, production, quality and size, the variety performed excellently at the various locations and in the trials. The summer quality in particular is very good. The fruits remain large, tight in shape and strong against blossom end rot.

Cultivation

Margrethe is not sensitive to blind (headless) plants. It is suitable for both early and late sowing dates. We advise to transplant Margrethe in time to prevent stretching. The variety is suitable as a 4-week plant, but also as a larger plant. It is suitable for 2, 3 and 4 stem systems.

Start of cultivation

Provide a sufficiently high mat temperature; preferably 20°C. This ensures a good and fast rooting and growth.

For the 1st few days, increase the temperature to 21°C day and night. If a fixed screen is present and the temperature is too high, we recommend venting slightly above the screen. Keep a minimum pipe in this phase. If venting does not provide sufficient activity and humidity is too high, consider removing the screen completely.

Margrethe is a relatively easy growing variety. With a 2 and 3 stem system, the 1st fruit can be kept on the 3rd axil, on 4 stems preferably on the 4th axil. In dark weather, the night temperature can be lowered a bit to keep the bud and flower strong. However, don't go below 17 degrees to avoid a too coarse flower. Preferably do not make the 1st set larger than 1 fruit per stem. The 2nd set may be left at the third axil after the 1st set and should preferably not be larger than 2 fruits per stem.

The variety requires a little more water than Maranello, especially in spring. The variety is also slightly longer and fuller than Maranello during that period.

Spring & Summer

Provide sufficient stretching in the 2nd part of spring by being at day temperature before the sun rises. Margrethe then easily retains its growth during the summer period. A very strong point of the variety is its consistently high fruit weight during the summer, as well as the uniformity of the compact but large fruit. Compared to Maranello, the fruit weight in the 1st and 2nd set is slightly lower. From set 3, the fruit weight increases somewhat compared to Maranello, and remains fairly stable throughout the growing year. The variety has also been shown to be very strong against blossom end rot. The setting remains regular. A diffuse coating can be an option in the summer, but not a necessity due to sufficient growth of the variety. The variety can also perform well under diffuse glass. Preferably top on 1 leaf during the summer period. This is to prevent the plant load from becoming too high and the plant becoming out of balance.

A strong variety like Margrethe requires an active heating/venting line. Saving extra moisture to maintain growth is not necessary. Preferably only irrigate when the plant is sufficiently active. Starting on light sum is preferred because Margrethe can easily create root pressure. Lowering the EC too much during hot weather is not desirable. We recommend that you do not go below 1.8 during very hot weather, otherwise do not go below 2.2. Because the fruit is strong against blossom end rot, adjusting the potassium - calcium ratio is not necessary. In hot and humid weather, an excess of calcium is more likely to cause some calcium stip.

Autumn

Margrethe carries on setting well right to the end, resulting in an excellent production. And perhaps the most important aspect: it retains its size and therefore also the good fruit weight, and the fruits remain of excellent uniform quality.



A hand is shown from the wrist up, palm facing down, pouring a large quantity of golden-brown lentils. The lentils are in mid-air, creating a vertical trail that falls towards the bottom of the frame. The background is a solid, vibrant red.

enzazaden.com

Your contact person

The Netherlands

Edwin Bornkamp	T: +31 (0)6 21 28 20 53
Edwin van Antwerpen	T: +31 (0)6 21 80 46 91
Frank van der Spek	T: +31 (0)6 46 07 41 38
Marc Mens	T: +31 (0)6 29 06 64 54

Belgium

Kris Smits	T: +32 (0)4 91 73 11 69
------------	-------------------------

UK

Jill Kooijman	T: +44 (0) 7971 616 018
---------------	-------------------------

Scandinavia

Malene Antonsen	T: +45 (0) 22 16 40 80
-----------------	------------------------

Enza Zaden

Postbus 7 | 1600 AA Enkhuizen | Nederland
Haling 1E | 1602 DB Enkhuizen | Nederland
tel +31 (0)228 35 01 00 | fax +31 (0)228 35 02 00
info@enzazaden.nl | www.enzazaden.nl

Descriptions, recommendations and illustrations in brochures and leaflets shall correspond as closely as possible to tests and practical experience and are subject to typographical and/or printing errors. This information shall be provided to assist professional growers and users, whereby variable local conditions must be taken into account. Under no circumstances shall Enza Zaden accept liability based on such information for deviating results in the cultivated product. Current information concerning the resistances is available on www.enzazaden.com.

© Enza Zaden | December 2020

ENZA ZADEN

