

SWEET PEPPER RHEMUS

A HYBRID SWEET PEPPER WITH TMV AND TSWV RESISTANCE ON A MEDIUM SIZE PLANT

- Uniform blocky fruit, with very thick walls
- More compact plant with good leaf cover
- Unique disease resistance package
- Highly adaptable to various climatic conditions



Type:

A hybrid sweet pepper turning from dark green to deep red on maturity. Suitable for open field production and cultivation under protection.

Maturity:

Approximately 75 - 80 days to first pick in summer plantings. The period to first pick can vary considerably depending on the season.

Plant Characteristics:

RHEMUS has a medium plant habit with large leaves protecting fruit against sun damage. The hybrid could be grown untrellised, but should rather be trellised to 2 wires to ensure optimal yield and fruit quality.

Fruit Characteristics:

RHEMUS has an average fruit mass of between 180 - 200 grams. Fruit shape is large blocky, on average 10 cm long and 10 cm wide. Quality of the bull-nosed fruit (4 lobes) is very good, with a very smooth and glossy skin. RHEMUS has thick walls with excellent shelf life even when picked at a deep red colour. RHEMUS has a very high pack out percentage.

Plant Population:

Open Field: The plant height will vary between 80 - 120 cm. A tramline support system of 1 - 2 wires is essential to ensure a higher percentage marketable fruit especially if plants are carrying a heavy fruit load. Plant population should be around 20,000 - 30,000 plants per hectare.

Tunnel Production: Removal of the first flower will improve the plant growth, yield and quality of the fruit. A plant density of 2 plants per square meter is optimal. They should be pruned to 2-3 stems per plant.

Disease Resistance:

HR: Tobacco Mosaic Virus (TMV strain 0), Bacterial Leaf Spot (Strain 1, 2, 3). IR: Tomato spotted wilt virus (TSWV)

Climate Requirements:

Sweet peppers are frost susceptible and can be grown under a certain range of climatic conditions. These conditions can vary from moderate, cool climates to hotter, subtropical regions. It is important to note that even distribution of heat units is a key requirement for optimal production

Features & Benefits:

RHEMUS has very high fruit setting and strong plants. Fruits are uniform with large size and very thick walls. The hybrid has a very high yield potential and harvested an average of 19 tons/ha on the first pick in a recent commercial planting.

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Resistance: is the ability of a plant variety to restrict the growth and development of a specified pest or pathogen and/or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pest or pathogen pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pest or pathogen pressure (HR = High resistance, IR = Intermediate resistance).

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