



甜椒手册

CAPSICUM MANUAL

烟台绿野田园种业有限公司

Ideal Verdant Fields Seeds Co. Ltd

PE-21



Crop
Pepper

Market Segment
Sweet Pepper

Hybrid
Yes

Disease Resistance
Resistant to *Tobacco Mosaic Virus*, and moderately to *Cucumber Mosaic Virus*.

- Features**
- Early maturity
 - Bell shape
 - Ave fruit weight is 150~200g

Description
Early maturity, about 30 days from transplanting to harvest. bell fruit, 3 ~ 4 lobes, average fruit weight is 150~200g. Green color fruit with crisp sweet flesh. Suitable for protected and open field cultivation.

The information provided is based on an average of data and observations collected from our trials. Significant variations may occur in the performance due to a range of conditions including cultural/management practices climate, soil type and geographic location. As a consequence Ideal Verdant Fields Co. Ltd cannot accept any liability as to the accuracy of this information.

PE-36



Crop

Pepper

Market Segment

Capsicum type

Hybrid

Yes

Disease Resistance

Good

Features

- Mid-early maturity
- Ave fruit weight is 220g

Description

The plant grows vigorously, with a compact shape. The fruit is square, with four chambers and a high quality rate. The fruit is relatively hard, thick, with shiny skin, and a single fruit weighs about 220 grams. The green fruit can be harvested and is suitable for overwintering and early spring planting.

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PE-41



Crop

Pepper

Market Segment

Capsicum type

Hybrid

Yes

Disease Resistance

Good

Features

- Mid maturity
- Ave fruit weight is 200 – 250g
- High yield

Description

Mid maturity, large-fruited sweet pepper variety. About 35 – 40 days from transplanting to harvest. Fruits are blocky lantern-shaped with a high likelihood of having four chambers. The variety has good disease resistance, smooth fruit surface, bright green color, and excellent marketability. Flesh thickness is about 0.8cm, with an average fruit weight of 200 – 250g. It has good storage and transport tolerance, high yield potential, and is suitable for both protected cultivation and open-field planting.

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PE-19



Crop

Pepper

Market Segment

Capsicum type

Hybrid

Yes

Disease Resistance

Good

Features

- Mid-early maturity
- Ave fruit weight is 250g
- High yield

Description

Mid-early maturity. Fruits are blocky lantern-shaped, about 11cm in length and 10cm in width, with flesh thickness around 0.5cm. Fruit color is bright green, surface smooth and glossy. Average fruit weight is about 220g, with the maximum fruit weight reaching up to 320g. Fruits on upper and lower layers are fairly uniform. The plant is vigorous has strong continuous fruit-setting ability, and open-field yield can reach up to 5,000kg per mu.

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Yellow dia No.1



Crop
Pepper

Market Segment
Sweet Pepper

Hybrid
Yes

Disease Resistance
Resistant to TMV(0,1,2).

Features

- Mid-late maturity
- Bell shape
- Ave fruit weight is 280~290g

Description

Mid-late maturity, bell shaped fruit, flesh thickness is about 0.8 cm, green to bright yellow, hard fruit, long shelf life.

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Yellow dia No.3



Crop
Pepper

Market Segment
Sweet Pepper

Hybrid
Yes

Disease Resistance
Resistant to TMV(0,1,2).

Features

- Mid-late maturity
- Bell shape
- Ave fruit weight is 220~230g

Description

Mid-late maturity, bell shaped fruit, flesh thickness is about 0.7cm, green to bright yellow, hard fruit, long shelf life.

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PE-26



Crop
Pepper

Market Segment
Sweet Pepper

Hybrid
Yes

Disease Resistance
Resistant to virus disease.

Features

- Mid maturity
- Bell shape
- Ave fruit weight is 180g

Description
Mid maturity, about 35 days from flowering to harvest. Bell shape, 4 lobes, smooth fruit surface, green color.
Good storage and transportation, long shelf life.

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SP-102



Crop

Sweet Pepper

Market Segment

Yellow color

Hybrid

Yes

Disease Resistance

Good

Features

- Mid maturity
- Long square bell shape
- Ave fruit weight is 220g

Description

It takes about 45 days from transplanting to harvest. About 13 cm in longitudinal diameter and 7.9 cm in transverse diameter, smooth fruit surface, flesh thickness about 0.6 cm, 3-4 lobes.

Mainly suitable for protected cultivation.

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PE-65



Crop

Pepper

Market Segment

Capsicum type

Hybrid

Yes

Disease Resistance

Resistant to *tobacco Mosaic virus (TMV(P0,1,2))* and *blight*. Moderately resistant to *cucumber Mosaic virus*.

Features

- Early maturity
- Ave fruit weight is 150-200g

Description

Early maturity, about 35 days from transplanting to harvest. Bell shape, smooth and green, 3-4 lobes, fruit weight is 150-200grams. Suitable for storage and long distance transportation. Suitable for protected and open field cultivation.

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PE-105



Crop

Pepper

Market Segment

Capsicum type

Hybrid

Yes

Disease Resistance

Resistant to *virus disease*

Features

- Mid-early maturity
- Ave fruit weight is 100-120g

Description

Mid-early maturity, about 35 days from transplanting to harvest. Bell fruit, 3 ~ 4 lobes, average weight is 100 ~ 120 g. Tolerant to sunburn disease.

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PE-101



Crop

Pepper

Market Segment

Sweet Pepper

Hybrid

Yes

Disease Resistance

Resistance to *tobacco Mosaic virus (TMV(Po, 1,2))*, *tomato spotted wilt virus (TSWV (Po))* and *blight*, moderately resistant to *cucumber Mosaic virus*.

Features

- Early maturity
- Square bell shape
- Ave fruit weight is 100~150g

Description

It takes about 30-35 days from transplanting to harvest. The fruit has smooth surface, light green to red color, about 0.5 cm thick. Good storage and transportation.

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SP-07



Crop

Sweet Pepper

Market Segment

Green to red

Hybrid

Yes

Disease Resistance

Resistant to TMV

Features

- Early maturity
- Bell shape
- Ave fruit weight is 120-150g

Description

Early maturity, 28 days from planting to harvest. Large fruits with bell shape, thin skin, high VC content and good taste. The flesh thickness is about 0.4cm, the transverse diameter is about 7.0cm and the longitudinal diameter is about 9.6cm. 120-150 grams in weight, high yield. Suitable for outdoor and protected production.

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PE-88



Crop

Pepper

Market Segment

Capsicum type

Hybrid

Hybrid

Disease Resistance

Good

Features

- Early maturity
- Ave fruit weight is 200-300g

Description

This sweet pepper variety has blocky, four-lobed fruits with thick, smooth skin that turns from green to bright red when fully ripe. Each fruit weighs about 200-300 grams. The diameter of this pepper variety is 9-10 cm, with a thickness of 0.8-1 cm. Each plant produces 4-5 fruits. The flesh is firm and flavorful. The plant is compact, upright, and highly adaptable, suitable for open-field or protected cultivation. It matures in around 70-75 days and is ideal for the fresh market or processing.

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SP-82



Crop

Sweet Pepper

Market Segment

Bell shape

Hybrid

Yes

Disease Resistance

Strong resistance to viral diseases.

Features

- Mid-late maturity
- Bell shape
- Ave fruit weight is 150g

Description

Mid-late maturity, about 35 days from transplanting to harvest. Smooth fruit surface, fruit weight 150g, flesh 0.54cm thick, sweet and crispy, good storage and transportation. Strong resistance to viral diseases.

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PE-60



Crop

Sweet Pepper

Market Segment

Indeterminate

Hybrid

OP

Disease Resistance

Resistant to tobacco mosaic virus.

Features

- Early maturity
- 4 lobed bell-shaped
- Ave fruit weight is 200g

Description

Early maturity. Fruits mature in about 60 days. Open Pollinated. Large fruit weighing about 200 grams, lobed cubic block type, thick; Large, blocky, and four-lobed bell-shaped fruits. The peppers are 4-lobed and start out green but turn a lovely red and become much sweeter when fully mature. Tender flesh with thick walls. Very good taste, soft and sweet. Production variety, very easy to grow, good cold tolerance.

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SP-25



Crop

Sweet Pepper

Market Segment

Bell shape

Hybrid

Yes

Disease Resistance

Good

Features

- Mid maturity
- Bell shape
- Ave fruit weight is 250g

Description

Mid maturity, about 40 days from planting to harvest. The plant has medium growth potential, the plant shape is relatively upright, the fruit is lantern-shaped with 4 lobes, the green fruit is green, the mature fruit is red, and the flesh is crisp and sweet. The average single fruit weight is about 250g, the fruit diameter is about 9.0cm, the vertical diameter is about 10.8cm, and the flesh is about 0.6cm thick.

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