

GREENHOUSE CUCUMBER VARIETIES FOR ALL SEASONS

Summer continental varieties

Eros (Dalat 40) and **Carmen** are two of the best summer varieties available. Both have stood the test of time and are established varieties around Australia, with excellent yield potential, dark green, well ribbed fruit. Both varieties have intermediate resistance to Powdery Mildew (Sf). Their plants are strong and vigorous.

Eros (Dalat 40) has marginally longer fruit, 35 - 40 cm in length up the main stem and slightly longer over the wire and is very popular amongst growers supplying the Fresh Produce Markets.



Carmen has fruit between 35 - 38cm in length and is ideal for those growers supplying chain stores requiring the slightly shorter fruit.

Both varieties perform well from spring to autumn in the Southern regions and both are used in tropical areas for winter production, in both low and high greenhouses.



Autumn/Winter continental varieties

Polaris and **Dalat 42** are both excellent varieties for March/April seeding in cooler areas where no/minimal heating is used. In milder areas later plantings, until July are possible. Both varieties have excellent cool season vigour and fruit setting ability.

Polaris has good fruit colour and very short necks, the fruit are about 36cm in length with good ribbing. It has intermediate resistance to Powdery Mildew (Sf) and strong resistance to Cca (Leaf/Target spot) and Ccu (Scab). ***Polaris is a new introduction, which has performed well in trials across the country.***



Dalat 42 has the strongest cool season vigour with good coloured fruit with good ribbing. It has outstanding fruit setting ability in the cool. In colder weather the neck can get a little long, but this is when other varieties are battling to set fruit. The fruit are generally 35 - 38cm in length on the main stem, but can get longer over the wire, especially as it warms up in spring.

Saroya and **Botero** are both new introductions, suitable for March/April seeding in cooler areas where no/minimal heating is used. Both have fruit with short necks, good colour and ribbing, between 33-38cm in length. Both have intermediate resistance to Powdery Mildew (Sf) and Cucumber Vein Yellowing Virus (CVYV), high resistance to Leaf/Target Spot (Cca) and scab (Ccu).



Spring/Summer/Autumn short varieties (Lebanese)

Luna is an outstanding, high yielding variety for August to September seeding in the cooler Southern regions. It is high yielding and enjoys hot weather, however the fruit seem to get very little cold scarring in early Spring when it remains cool.

Luna is prolific producing 3-4 fruit/node. It has a concentrated set of high quality, cylindrical, dark green fruit with adequate ribbing. Good vigour on the main stem, with some sideshoots that require pruning. The fruit are cylindrical and average between 14-18cm in length and about 4cm in girth.

Luna is highly resistant to Scab (Ccu) and has intermediate resistance to Powdery Mildew (Sf).



Autumn/Winter/Spring short varieties (Lebanese)



Neptune and **Cormoran** are excellent, but very different varieties for the cool season.

Cormoran has excellent cold vigour and is recommended for planting in March/April in the cooler Southern regions for unheated houses. During the winter of 2006 which was extremely cold, Cormoran performed extremely well where it was seeded in March/April and the plants were a reasonable size before the cold set in, in both low and high greenhouses. When grown in spring the fruit can get a little long if it warms up too quickly.

Cormoran bears one fruit per node. The fruit are cylindrical, with a dark green colour, smooth to slightly ribbed and are 15 - 17cm in length. It is highly resistant to Scab (Ccu) and has intermediate resistance to Powdery Mildew (Sf).

Neptune is suited to milder areas or greenhouses with some heating. The plant has excellent vigour and produces one fruit per node, during the cool, more in warm weather. The fruit are similar in appearance to Mascot, slightly longer, about 15-17cm long with some ribbing and of excellent quality.

Neptune is a high yielding variety and has intermediate resistance to Scab (Ccu) and Powdery Mildew (Sf).



NEW DEVELOPMENTS **Rootstocks**

Trials are underway with Fusarium resistant rootstock. The rootstock is seeded about 2 days earlier than the scion as it is more vigorous. The scion and rootstock are cut and the top of the scion are clipped onto the base of the rootstock. The result should be a stronger plant with no losses to Fusarium. This is suitable for growers growing in the soil or in artificial growing medium.

Disclaimer: Lefroy Valley carries out stringent trialing throughout Australia/New Zealand prior to releasing varieties into the market place. We strongly recommend that all varieties be trialed under your growing conditions prior to commercial sowings taking place. For details of up to date trial results in your area please contact Lefroy Valley. Above information is valid 12 months from publication date. All cultural and descriptive information is supplied in good faith, as a guide only. Varietal performance is influenced by many variables, namely climatic, soil conditions, cultural and management practices. No liability will be accepted by Lefroy Valley or its representatives as to final performance based on this information.

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