

GUAVA

Ideal climate

Hot summers and cool winters.

Average max. temperature: less than 32 degrees

Average min. temperature: more than 3 degrees

Cultivars



TSG2 (Pink flesh)

Developed by ARC – Institute for Tropical and Subtropical crops PBR No ZA20002283 (expires on the 25/01/2025).

Tolerant to Guava Wilting Disease (unlike Fan Retief, Malherbe, Saxon and Van Zyl), but sensitive to the 2nd strain of the Guava Wilting (in Nelspruit and Levubu).

Fruit Characteristic: TSG2 average fruit mass of 145g – Brix @ 13 degree



Fan Retief (Pink flesh)

The "Fan Retief" guava cultivar was developed in South Africa by crossing the cultivars "Sardar" and "Supreme." Mostly used for processing. They prefer well-draining soils with good fertility and adequate moisture. Regular pruning can help maintain the shape of the tree and promote better fruit production.

Fruit Characteristic: The fruit is medium to large (± 120 g) and typically has an oval or pear shape. The skin of the mature fruit is usually smooth, thin, and yellow-green in colour.



Lucknow (white flesh)

Very popular Indian selection. "Lucknow" guava trees are vigorous and known to be relatively hardy and adaptable to a range of soil types. LUCKNOW was tested for its resistance against the Guava Wilting Disease and was found to be resistant to both strains.

Fruit Characteristic: Fruits are large, roundish-ovate in shape, skin primrose-yellow and pulp white, very sweet and tasty. Excellent shelf life can be used for fresh markets (not as popular for processing).

Planting density

(With work row and light penetration)

5x5 m = 400 trees /ha

5x4 m = 500 trees/ha

5x3 m = 667 trees /ha – *most popular*

5x2 m = 1000 trees/ha – *high density; require a very good pruning practice.*

Harvesting period

Depends on the pruning time, the flowering and harvesting period can be manipulated to obtain an extended guava production:

- August: Harvest mid-March to May
- September: Harvest April / May
- October: Harvest May / June
- November: Harvest July / August
- December: Harvest September / October

Markets

Local Market: Guava is a popular fruit in South Africa, with fresh guava sales being prevalent in supermarkets, grocery stores, open markets, and vendors.

Consumer preference: Consumers prefer fresh guavas for their sweet, aromatic flavour, high nutritional value, and affordability.

Processing Market: Processed products include guava pulp, puree, and concentrate, used in the food and beverage industry. The price fluctuates with the demand and supply. 2022 and 2023 prices were around R 2800 per ton.

Export Market: South African guava has gained recognition in the international market due to its excellent quality and unique flavour. Exports occur during local harvest seasons, with major export destinations including the United Kingdom, Netherlands, Germany, and the United Arab Emirates.

Market Development: The South African government and agricultural authorities support the development of the guava export market by strengthening phytosanitary measures, improving post-harvest handling, and complying with international regulations to expand market access for South African guava growers and exporters.

For more than plants

Visit duroi.co.za



Disclaimer

The information and recommendations set forth in this document are provided for general information and guideline purposes only. Du Roi Multiplant cannot be held liable to any party for any damages, direct or indirect, incurred as a result of such party's use or application of information in this document in any manner.