

#### (i) GENERAL INFORMATION

Breeder	Zaiger's Genetics
Variety owner South Africa	Zaiger SA
Managing agent:	Custom Plum Company
Fruit kind	Inter-specific plum
Marketing restrictions	Apply
Royalty structure	
» Tree	\$1/Tree on planting
» Hectare	Year 3 = \$750/ha Year 4+ = \$950/ha

### $\bigcirc$ TREE CHARACTERISTICS

Chilling requirement	450-500 Richardson
Growth habit	Apical dominant and semi-spreading
Vigour	Medium vigour depending on the soil and rootstock.
Flowering date	Full bloom week 39 - week 41 in warm areas.
Bears fruit on	One-year old shoots and spurs.

## **Constant of the second second**

Harvest date warm areas	Week 3 - week 4
Harvest date colder areas	Week 4 - week 5
Control variety	Laetitia
Sizing	32-40mm with optimum size 35mm
Skin colour	Bi-coloured
Flesh colour	Yellow
Fruit Shape	Round
Texture	Crisp and fine

#### 🗂 STORAGE & SHIPPING

Storage ability	Very good
Shipping	Single temperature and steri
Storage trials	Independently evaluated

# **Ö PRODUCTION**

Excellent production, but bearing units needs to be renewed 25% per annum. Stony soils and dry areas produce higher brix, and dark black soils produce lower brix. Optimum harvest period is when the fruit is fully coloured with a pressure of 2.5kg - 3.5kg. There is an optimal number of fruit per tree which is necessary to produce optimum tonnage, uniform size fruit, quality fruit and high brix, but if there is to many fruit left per tree during thinning it will impact the fruit size, quality and brix. The number of fruit per tree is dependent on the type of trellis system. Regular fruit counts is extremely important to ensure the right number of fruit is left per tree.



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# SWEET PIXIE 7 FACTSHEET

# $\overleftarrow{\oplus}$ **POLLINATION**

Beehive requirement	10 Beehives per hectare
Flowering date: 10%	10% Flowering in warm areas: Week 36-37 10% Flowering in colder areas: Week 38-39
Pollinator 1	<i>Sweet Pixie 4 –</i> First flowers Compatibility: 50%
Pollinator 2	<i>Honey Punch</i> - First to mid flowers Compatibility: 50%
Pollinator 3	<i>Sweet Pixie 2 –</i> First to late flowers Compatibility: 100%
Pollinator 4	<i>Flavoour Fall</i> - Mid to late flowers Compatibility: 100%
Pollinator 5	<i>Sunkiss</i> - Late flowers Compatibility: 50%
% Pollination required	» If planted in rows of example two rows Pixie 2 and two rows Pixie 7, only 10-15% pollination is necessary.
	» Planting two rows Pixie 7 and one row Pixie

» Planting two rows Pixie 7 and one row Pixie 2 will also need just 10-15% pollination.

## ↔ OTHER REMARKS:

Very high fruit set so early thinning is required. Fruit needs to be spaced 2cm to ensure optimum balance between size of fruit and brix. A second thinning is needed when the fruit had enough time for fruit enlargement whereby the fruit is spaced 2cm between the fruit. Planting on a double pole trellis system with high density or a high density trellis system is recommended to ensure optimum tonnage and easy renewal of bearing units. Very resilient against sunburn. Only an early natural fruit drop have been experienced.

Prone to Xanthomonas on the leaves as well as Magnesium and Manganese deficiencies on the leaves. Summer pruning to be done twice to ensure optimum sunlight distribution throughout the trees for optimum colour and brix.

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