



FACT SHEET

Festiva

Breeder	Zaiger's Inc. Genetics
Fruit Kind	Inter-specific Plum
Variety Owner South Africa	Zaiger SA
Managing Agent	Custom Plum Company
Date of Entry South Africa	2016
Marketing Restrictions:	Apply
PBR	Yes
Hectares planted to date	Semi-commercial
Tree Royalty Structure	\$1/tree on planting

Tree Characteristics

Chilling Requirement	450-550 Richardson
Growth Habit	Apical dominant growth. Produces just enough breaks on the main leader. Leaves are big.
Vigour	Medium Vigour
Flowering date	Full Bloom Week 36 - Week 38 in warm areas
Bears fruit on	Two-year-old bearing units and spurs
Other	

Production Characteristics

Harvest date warm areas	Week 8 - Week 9
Harvest date colder areas	Week 10 - Week 11
Control Variety	Fall Fiesta
Sizing	AA, AAA
Skin Colour:	Red and Yellow Bi-Colour
Flesh Colour:	Yellow
Fruit Shape:	Round
Texture:	Crisp

Pollination

Bee hive requirement	10 Beehives per ha
Flowering date: 10%	10% Flowering in warm areas - Week 34 10% Flowering in colder areas - Week 36
Pollinator 1	Harry Pickstone - First Flowers
Pollinator 2	Fortune - First to Mid Flowers
Pollinator 3	Pixie 2 - Mid Flowers
Pollinator 4	Sunkiss - Late Flowers
Pollinator 6	Ruby Star - Mid to Late Flowers - Compatibility - 50%
% Pollination required	25 - 30%

Other remarks:

Stimulating leaf buds after planting is going to be essential to ensure all wires are filled optimally. Strong straight growing shoots that are produced limits the stimulation of leaf buds throughout the leader, so managing the growth during the first growing years is going to be essential to have full bearing trees. Excellent production with good fruit size. Early thinning is needed to ensure optimal fruit size and by reducing the fruit load at an early stage will stimulate new growth. Trees can easily handle good yields and still produce the optimum fruit size of AA. Due to medium vigour, summer pruning needs to be done very early to ensure optimal regrowth and to make sure the fruit to leaf ratio stays optimal as well as to stimulate the 1-year-old shoots into spur forming which is beneficial for yearly sustainable productions. Early summer pruning also ensures optimum sunlight and fertility. Minimum rub marks when fruit is not thinned and spaced optimally.

Production:

Very good, but bearing units needs to be renewed 25% per annum. The spurs have a high number of flower buds present. Each spur have between 20-30 potential flower buds. Managing inter-flowering competition is going to be important to minimise natural fruit drop. Fruit set is the best on the 2 and 3-year-old bearing units so to ensure yearly optimal flowering and fruit set, it is going to be important to manage the bearing units throughout the trees to be no older than 4 years.

Hectare Royalty Year 1	Year 2	Year 3	Year 4 onwards for life of orchard
\$0	\$0	\$750/ha	\$950/ha