



 **GENERAL INFORMATION**

Breeder	Zaiger's Genetics
Variety owner South Africa	Zaiger SA
Managing agent	Custom Plum Company
Fruit kind	Inter-specific plum
Marketing restrictions	No restrictions
Royalty structure	
» Tree	\$1/Tree on planting
» Hectare	Year 3 = \$750/ha Year 4+ = \$950/ha

 **TREE CHARACTERISTICS**

Chilling requirement	250 Richardson
Growth habit	Semi-spreading. Produces a lot of side shoots when topped.
Vigour	Medium vigour
Flowering date	Full bloom week 34 - week 35.
Bears fruit on	One-year-old bearings units, two-year old bearing units and spurs.

 **PRODUCTION CHARACTERISTICS**

Harvest date warm areas	Week 47
Harvest date colder areas	Week 49
Control variety	African Rose / Pioneer
Sizing	A
Skin colour	Red
Flesh colour	Red
Fruit shape	Round
Texture	Firm

Make sure that strong thick shoots are used to tie onto the wire or is used as bearing units as these bearing units will produce strong quality flower buds and spurs which is beneficial for optimal fruit size.

Very good production, but bearing units needs to be renewed 25% per annum.

 **STORAGE & SHIPPING**

Storage ability	Very good
Shipping	Single temperature
Storage trials	Independently evaluated



SIERRA ROSE

FACTSHEET

 **POLLINATION**

Beehive requirement	10 Beehives per hectare
Flowering date: 10%	10% Flowering in warm areas: Week 33 10% Flowering in colder areas: Week 35
Pollinator 1	African Rose – First flowers Compatibility: 100%
Pollinator 2	Black Splendor - First to mid flowers Compatibility: 50%
Pollinator 3	Pioneer – Mid flowers Compatibility: 100%
Pollinator 4	Ruby Dawn - Mid to late flowers Compatibility: 50%
Pollinator 5	African Delight - Late flowers Compatibility: 100%
Pollinator 6	Songold - Mid to late flowers Compatibility: 100%
% Pollination required	» If planted in rows of example two rows Sierra Rose and 1 row Black Splendor, only 10% pollination is necessary. » Pollinators will then only be planted in the Black Splendor rows. » If planted as a single cultivar then 25% pollination is needed.

 **OTHER REMARKS:**

The trees produces a lot of side shoot growth when topped, so continues tree manipulation throughout the growing season is going to be important to ensure the wires is filled optimally and the trees reaches the top wire. Being an early cultivar, it will be beneficial to plant high density to increase the production without compromising optimal brix levels and fruit size.

Very good production with good fruit size for an early cultivar. Early thinning and optimal fruit numbers per tree will ensure optimal fruit size. The fruit stays firm even if it is close to being harvested at the optimal stage. The fruit have very good flavour when harvested at optimal ripeness.Only an early natural fruit drop have been experienced. Due to medium vigour, summer pruning needs to be done very early to ensure optimal regrowth as well as spur forming for next season's production.

Due to the low chilling requirements, post-harvest pruning needs to be implemented directly after harvest to prevent any stimulation of growth or flowering during the reserve building period.