



**STARKE
AYRES®**

SERENITY TOMATO



**AN INDETERMINATE SALADETTE VARIETY WITH
VIRUS RESISTANCE AND LARGE SIZE FRUIT OF VERY
HIGH QUALITY**

- Early maturing
- Attractive shape and size
- Vigorous and balanced plant
- Ability to keep its size to the top

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SEEDS OF SUCCESS

SERENITY

TOMATO



Type	An indeterminate long shelf life saladette tomato hybrid suited to greenhouse and open-field production.
Maturity	Medium maturing variety. In Summer plantings the first fruit will mature in 80 - 85 days after transplanting. The date of harvesting may vary by as much as 10 days between early and late season plantings. This needs to be taken into consideration when planning planting schedules under different growing conditions. SERENITY is classed as a medium cycle variety that produces over six to eight months.
Plant Characteristics	SERENITY has a vigorous plant habit with large leaves that helps with protecting fruit against sunburn. Plant development is vigorous and very fast to the top of the trellising structure.
Fruit Characteristics	SERENITY has very high quality tapered blocky fruit with an average mass of 140 - 160g and exceptional fruit quality with thick walls. SERENITY combine long shelf life with superior taste. Fruit colour is red to deep red, and green shoulders are present. The fruit are very uniform on the truss with a high marketable yield potential; a high percentage of large first grade fruit can be expected. The variety is jointed and has a very small calyx scar compared to the fruit size. Nutrient placements should be monitored carefully as excess nitresen might cause fruit shape formation to be more round.
Plant Population	<p>SERENITY was selected for open field and greenhouse production as a trellised type. Although highly recommended to be pruned to, the variety could be grown un pruned. For optimal results, plants should be pruned to between 1-3 stems in open field production. Pruning will lead to earlier setting and better fruit uniformity. Attention should be given as not to prune too severely during summer as foliage might be reduced leading to possible sun burn damage.</p> <p>Open Field: planting density should be 12 - 18 000 plants per hectare. The row spacing should not be less than 35cm between plants.</p> <p>Under protection: the plants could either be trained to a single stem on a supporting string and then layered down, or pruned to two stems and stopped at the desired height. The planting density should be 2-3 plants / stems per m².</p>
Disease Resistance	<p>HR – Verticillium Wilt (Va), Fusarium Wilt (Fol 1, 2), Tobacco Mosaic Virus (TMV)</p> <p>IR – Root-knot Nematodes (Ma, Mi,Mj), Tomato spotted wilt virus (TSWV), Late Blight (Pi)</p>
Climate Requirements	<p>The earliest period for seedling establishment would be when the soil and air temperatures at least meet the minimum requirements for plant growth.</p> <p>The latest seedling establishment period would be after allowance has been made for the growth and harvest periods to be completed before adverse conditions sets in.</p> <p>Establishment periods for main production areas in the southern hemisphere:</p> <ol style="list-style-type: none"> 1. Lowveld / Subtropical (frost free areas) – Feb to May 2. Middleveld (moderate areas) – Sept to Dec 3. Highveld (cold areas) – Oct to Nov 4. Western Cape – Oct to Dec
Features and Benefits	SERENITY provides the grower with large attractive fruit, with virus resistance. The variety is highly adaptable to various climatic conditions and produces some of the most attractive uniform fruit of a very high quality.

* Submitted for registration on the national variety list.

INDEMNITY

All technical advice and/or production guidelines given by STARKE AYRES or any of its personnel with reference to the use of its products, is based on the company's best judgement. However, it must be expressly understood that STARKE AYRES does not assume responsibility for any advice given or for the results obtained.

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