



**STARKE  
AYRES®**

# **SLENDER STAR BUNCHING ONION**



## **WIDELY ADAPTABLE HIGH QUALITY BUNCHING ONION**

- Early maturing type for prepacking and fresh market industry
- Single stem variety resulting in higher pack out
- Tight leaf attachment ensures highly attractive end product
- Dark green leaves presents well in pre-packed packaging
- Resistance to Red Rust

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**SEEDS OF SUCCESS**

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Climatic Requirements	<p>Soil temperatures for germination:</p> <p>minimum : 10°C</p> <p>optimum : 24°C</p> <p>maximum : 35°C</p> <p>Air temperatures for plant growth:</p> <p>minimum : 12°C</p> <p>optimum : 24°C</p>
Soil requirements	<p>Sandy loam to loam soils with good drainage characteristics.</p> <ul style="list-style-type: none"> <li>- Well drained and light textured soils produce clean and well presented end product.</li> <li>- Avoid soils with &lt; pH 6 - nutrient uptake is affected at these pH levels.</li> <li>- Spring onions in general are sensitive to saline soils.</li> </ul>
Plant spacing	<p>Optimal plant population is 850 000 - 1 000 000 plants/ha.</p> <ul style="list-style-type: none"> <li>- Allow for in-row spacing of 20 - 40 mm between plants in the row.</li> <li>- Inter-row spacing of 450 - 500 mm between rows.</li> <li>- For best results spring onions must be produced on raised beds.</li> </ul>
Nutrient guidelines	<ul style="list-style-type: none"> <li>- N required / ton spring onions produced : 3.9 kg / ton product.</li> <li>- P required / ton spring onions produced : 0.7 kg / ton product.</li> <li>- K required / ton spring onions produced : 4.1 kg / ton product.</li> </ul> <p>Apply Ca as CaNO<sub>3</sub> top-dressing during the initial growth of young plants. Apply micro nutrients as foliar feed or as fertigation to plants. Do not over apply N as this may lead to quality problems with the end product.</p>
Irrigation guidelines	<ul style="list-style-type: none"> <li>- Keep soils moist, avoiding crust forming after planting to aid seedling emergence.</li> <li>- Bunching onions have shallow root systems - frequent irrigation if essential for the crop.</li> <li>- Water required from planting to emergence : 15 - 20 mm / week.</li> <li>- Water required from emergence to seedling establishment : 20 - 25 mm / week.</li> <li>- Water required from seedling establishment to maturity : 25 - 35 mm / week.</li> </ul>
Weed control	<ul style="list-style-type: none"> <li>- Bunching onions compete poorly against weeds in field as they take long to canopy.</li> <li>- Early field cultivation will kill off most weeds easing pressure on the growing crop.</li> <li>- Mechanical cleaning of fields are not advisable as this will cause damage to plants.</li> </ul>

## 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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