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
**Climatic Requirements**

<table>
<thead>
<tr>
<th>Minimum</th>
<th>Optimum</th>
<th>Maximum</th>
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<tr>
<td>Soil temperatures for germination:</td>
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<td></td>
</tr>
<tr>
<td>minimum</td>
<td>10°C</td>
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<tr>
<td>optimum</td>
<td>24°C</td>
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<tr>
<td>maximum</td>
<td>35°C</td>
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<tr>
<td>Air temperatures for plant growth:</td>
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<tr>
<td>minimum</td>
<td>12°C</td>
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<tr>
<td>optimum</td>
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**Soil requirements**

- Sandy loam to loam soils with good drainage characteristics.
- Well drained and light textured soils produce clean and well presented end product.
- Avoid soils with < pH 6 - nutrient uptake is affected at these pH levels.
- Spring onions in general are sensitive to saline soils.

**Plant spacing**

- Optimal plant population is 850 000 - 1 000 000 plants/ha.
- Allow for in-row spacing of 20 - 40 mm between plants in the row.
- Inter-row spacing of 450 - 500 mm between rows.
- For best results spring onions must be produced on raised beds.

**Nutrient guidelines**

- N required / ton spring onions produced : 3.9 kg / ton product.
- P required / ton spring onions produced : 0.7 kg / ton product.
- K required / ton spring onions produced : 4.1 kg / ton product.

Apply Ca as CaNO3 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.

**Irrigation guidelines**

- Keep soils moist, avoiding crust forming after planting to aid seedling emergence.
- Bunching onions have shallow root systems - frequent irrigation if essential for the crop.
- Water required from planting to emergence : 15 - 20 mm / week.
- Water required from emergence to seedling establishment : 20 - 25 mm / week.
- Water required from seedling establishment to maturity : 25 - 35 mm / week.

**Weed control**

- Bunching onions compete poorly against weeds in field as they take long to canopy.
- Early field cultivation will kill off most weeds easing pressure on the growing crop.
- Mechanical cleaning of fields are not advisable as this will cause damage to plants.

**INDEMNITY**

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