

# CABBAGES

## Cultural Information

### General

<b>Climate Requirement:</b> Mild temperate climate with cool to cold nights (< 10 c) and warm days (18-22 c) will produce best results. Production outside of these conditions is possible by manipulating nutrition, irrigation scheduling and varietal selection.	
<b>Frost Sensitivity:</b> Purpling of the heads will occur if exposed to very low temperatures or prolonged wet conditions, levels will vary from variety to variety	
<b>Seed Requirement Direct Plant (kg/ha):</b> 1	<b>Seed Planting Depth (cm):</b> 1.5
<b>Seed Requirement Transplant (g/ha):</b> 300	<b>Seeds per gram (approx):</b> 250-320
<b>Plant Population:</b> 15000-25000 per Ha	
<b>Row spacing:</b> 2 rows on a 1.5 metre bed	<b>Plant Spacing:</b> 50-75 cm
<b>Potential Disease Problems:</b> Downy mildew and pythium in the seedling stage. Black rot, Club root and Black leg in the field and nursery,	

### Germination Information

<b>Germination Temperature:</b> Range 12-30 C, Optimum 20-23 C	
<b>Days to Emergence:</b> 7 days	<b>Emergence to Transplant:</b> 24-36 days
<b>Plant to Maturity:</b> Depending on variety 80-180 days	
<b>Transplant Recommendation:</b> Direct sowing into good field conditions will produce acceptable stands however transplanting of cell grown plants is strongly recommended.	

### Soil and Nutrition

<b>Salinity Sensitivity:</b> Moderately tolerant	<b>Optimum pH:</b> 6-6.8
<b>Nutrient Removal (kg/ha) (At average yield, greater if yield is higher)</b>	
<b>Vegetative:</b> N 35 Kg, P 10 Kg, K 14 Kg, Ca 5 Kg, Mg 2 Kg. per Ha	
<b>Harvested Product:</b> N 110 Kg, P 25 Kg, K 95 Kg, Ca 12 Kg, Mg 5 Kg. per Ha	
<b>Total Nutrient Removal</b>	
N 145 Kg, P 35 Kg, K 110 Kg, Ca 17 Kg, Mg 7 Kg. per Ha	
<b>Fertiliser Application:</b> Will vary with maturity of the selected variety long term crops will require up to twice the nutrients of some quick varieties. Care with N required when approaching maturity.	

### Irrigation Requirement

<b>Irrigation System:</b> Fixed or mobile over head sprinklers or trickle on suitable fields
<b>Water Usage (average):</b> 3.5-5 Ml per Ha

### Yield Potential

<b>Average Yield:</b> 85-90 % of heads harvested
<b>Packing:</b> Cabbages are usually delivered in bulk in cages and sold by the dozen, some of the specialist varieties are being packed in large cartons.

This information is subject to the following disclaimer.