

# CAPSICUMS, SWEET

## Cultural Information

### General

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| <b>Climate Requirement:</b> Like all peppers, Capsicum require a warm to hot climate with consistent mild nights >15 C and warm to hot days 25-40 C. High humidity and rainfall is not favourable and will cause quality and yield reductions. |   |
| <b>Frost Sensitivity:</b> Sensitive to cold temperatures at flowering, frost tender plants   |   |
| <b>Seed Requirement Direct Plant (kg/ha):</b> 2-3  | <b>Seed Planting Depth (cm):</b> 1.0    |
| <b>Seed Requirement Transplant (g/ha):</b> 450   | <b>Seeds per gram (approx):</b> 120-160 |
| <b>Plant Population:</b> 15000-35000 per Ha, Usually 25-32000  |   |
| <b>Row spacing:</b> Single or double rows on 1.5-2 M beds  | <b>Plant Spacing:</b> 3 -. 6 METRE      |
| <b>Potential Disease Problems:</b> Reasonably disease free, can sometimes be effected by bacterial and fungal infections in adverse conditions. Virus can also be a problem in some areas.   |   |

### Germination Information

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| <b>Germination Temperature:</b> Range 15-35 C, Optimum 23-28 C   |  |
| <b>Days to Emergence:</b> 8-12 days  | <b>Emergence to Transplant:</b> 35-45 days |
| <b>Plant to Maturity:</b> Depending on variety and season 75-120 days  |  |
| <b>Transplant Recommendation:</b> Transplanting of cell grown transplants is strongly recommended, direct seeding is possible in ideal conditions. |  |

### Soil and Nutrition

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| <b>Salinity Sensitivity:</b> Moderately tolerant   | <b>Optimum pH:</b> 5.7-6.8 |
| <b>Nutrient Removal (kg/ha) (At average yield, greater if yield is higher)</b>   |                            |
| <b>Vegetative:</b> N 45 Kg, P 9 Kg, K 39 Kg, Ca 50 Kg, Mg 37 Kg. per Ha  |                            |
| <b>Harvested Product:</b> N 35 Kg, P 11 Kg, K 25 Kg, Ca 8 Kg, Mg 4 Kg. per Ha  |                            |
| <b>Total Nutrient Removal</b>  |                            |
| N 90 Kg, P 18 Kg, K 64 Kg, Ca 58 Kg, Mg 41 Kg. per Ha  |                            |
| <b>Fertiliser Application:</b> All P and 60 % N and K should be as basal, balance as several side dress fertigations from flowering to crop completion |                            |

### Irrigation Requirement

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| <b>Irrigation System:</b> Flood or trickle irrigation is preferred, over head systems can increase incidence of fungal disease |
| <b>Water Usage (average):</b> 3.6-5.3 MI per Ha for average crop length  |

### Yield Potential

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| <b>Average Yield:</b> 1600 11 kg cases per ha   |
| <b>Packing:</b> Capsicums are usually packed into 6 kg, or volume filled into 11 kg, cartons. |

This information is subject to the following disclaimer.