

# PRODUCTION GUIDELINES FOR BEETROOT

Crop	Beetroot
Botanical Name	<i>Beta vulgaris var. conditiva</i>
Number of Seeds per kg	50000 - 60000
Number of Seeds for Direct Sowing (kg/ha)	4-8
Sowing Depth (cm)	1.5 - 2.5
Optimum Soil Temperature for Germination	20°C
Days to Emergence	7
In Row Spacing (cm)	5-10
Between Row Spacing (cm)	30 - 40
Population per Hectare	170 000-350 000
Temperature Range for Growth	15-20
Sensitivity to Frost	Low to Medium
Days to Maturity	60-110
Expected Yields (ton/ha)	25-40
Harvest Period	30 days
Effective Rooting Depth (cm)	45-60
Optimum Soil Type	Clay
Soil pH	6-6.8
Sensitivity to Salinity	Very Low
Total Water Requirement (mm)	340
Weekly Water requirement (mm)	20-40
Storage Temperature (°C)	5
Ideal Humidity for Storage	90
Storage Duration	2 weeks
Perishability	Medium
Pests	Cutworm, Mice
Diseases	<i>Cercospora</i> , Powdery Mildew, <i>Sclerotinia</i> , Scab
Suggested amount of: Nitrogen (N)	100-150kg/ha
Phosphorus (P)	40-60 kg/ha
Potassium (K)	100-150 kg/ha
Micro-element Sensitivity: Low	Manganese (Mn) , Zinc (Zn), Iron (Fe)
High	Copper (Cu), Boron (B), Molybdenum (Mo), Magnesium (Mg)