

PRODUCTION GUIDELINES FOR ZUCCHINI/SQUASH

Crop	Squash	
Botanical Name	<i>Cucurbita pepo</i>	
Number of Seeds per kg	8000	
Number of Seeds for Direct Sowing (kg/ha)	1.5 – 2	
Sowing Depth (cm)	2 - 3	
Optimum Soil Temperature for Germination	22°C	
Temperature Range for Germination	18 - 25°C	
Days to Emergence	7	
In Row Spacing (cm)	50 - 70	
Between Row Spacing (cm)	120 - 150	
Population per Hectare	10 000 - 17 000	
Temperature Range for Growth	20 - 24°C	
Sensitivity to Frost	High	
Days to Maturity	50	
Expected Yields (ton/ha)	20 - 25	
Harvest Period	2 months	
Effective Rooting Depth (cm)	90	
Optimum Soil Type	Sandy Loam, well drained	
Soil pH	5.5 - 6.8	
Sensitivity to Salinity	Medium	
Total Water Requirement (mm)	350	
Weekly Water requirement (mm)	25 - 40 (depending on age)	
Storage Temperature	4°C	
Storage Humidity	60 - 70%	
Duration	7 days	
Perishability	High	
Pests	Leafminer, aphids, thrips, m, fruitfly bollwor	
Diseases	Powdery Mildew, Downy Mildew , Damping Off. Anthracnose	
Physiological Disorders	Double fruit (Over N fertilisation, pollination), Blossom End Rot (C deficiency) Bad alcium	
Pollination	Bees	
Nutrient Withdrawal: Nitrogen (N)	7.09 kg/t Product	
Phosphorus (P)	0.43 kg/t Product	
Potassium (K)	5.53 kg/t Product	
Micro-element Sensitivity: Low	Manganese (Mn), Copper inc (Zn), Iron (Cu), Z (Fe)	
High	Boron (B), Molybdenum (Mo)	