

Crop: Gourds	
Package of Practices	
Soil	Well drained fertile sandy loam soils are best suited for crop growth. Avoid water logging soils.
Climate	Warm season crop. Optimum temperature range for good germination is 28 to 32* C.
Season	Varies widely from state to state within India. But the summer season is preferable.
Seed	Bitter Gourd: 600 to 700 gm per acre Bottle Gourd: 500 to 600 gm per acre Ridge Gourd: 400 to 500 gm per acre Sponge Gourd: 400 to 500 gm per acre
Spacing	180 cm x 60 cm for ground system 150 cm x 60 cm for stacking system
Manures & Fertilizers	8 to 10 tons of FYM per acre has to be incorporated into the soil before sowing. Green manuring crops before the main crop of gourds is also desirable. Fertilizer Dose: 32:20:30 NPK kg per acre First Top Dressing 20 DAS: 12 gm DAP + 7 gm MOP per plant. Second Top Dressing 45 DAS: 10 gm Urea + 5 gm MOP per plant
Irrigation	Irrigation is very critical during the growth and development of the plant but absolutely critical during the flowering and fruiting bearing stage

Disclaimer: The results of above mentioned agronomy practices may vary depending upon the weather, soil type, other biotic and abiotic stresses.