

6. FERTILIZER SCHEDULE FOR MEDICINAL CROPS

Aloe

Incorporate 10 t/ha of FYM during last ploughing. For fertile soils manuring is not required at all. But for low fertile soils, apply 30 kg/ha of Nitrogen + 120 kg/ha of Gypsum during field preparation. In addition, 30 kg N can be applied after 20 days of planting.

Digitalis

Apply FYM 10t/ha and NPK 20:30:30 kg/ha respectively as basal dose. Again N 150 kg/ha is applied as top dressing in 4 equal splits at 3 months interval.

Glory lily

NPK at 120:50:75 kg/ha is applied in two split doses. Half of N and the entire P and K are applied as basal dressing. Remaining quantity of N is applied at one and two month after planting.

Medicinal coleus

Incorporate 15 t/ha of FYM during last ploughing. NPK at 30:60:50 kg/ha is applied in two split doses at 30 and 45 days after planting. Apply 10 kg ZnSo₄/ha to avoid micronutrient deficiency.

Medicinal dioscorea

In addition to basal application of FYM 20t/ha, NPK 300:150:150 kg/ha is also recommended. The entire dose of P is applied as basal dose. N and K can be applied in 4 equal splits at 2, 4, 6 and 8 months after planting.

Medicinal solanum

Apply FYM 10 t/ha and N, P and K at 25, 40 and 80 kg/ha respectively as basal dose. 25 kg of N at second month after planting is required as top dressing.

Periwinkle

Apply FYM at 20 t/ha and N, P and K at 25:50:75 kg/ha as basal dose. On 60 days after transplanting apply 50 kg N as top dressing.

Pyrethrum

Apply N, P and K at 20, 50 and 50 kg/ha as basal dose. 20 kg of N is applied in 2 split doses as top dressing.

Senna

Apply FYM 10 - 15 t/ha and N, P and K at 40:40:40 kg/ha as basal. Apply 40 kg N at 40 days after sowing.

Tippili

Incorporate 20 – 25 (plains) and 10 t/ha (hills) of FYM