

LIVE FENCING

The farmer's fields often face the threat of wild animals and grazing. To overcome these problems temporary or permanent fences are made using different plants. Plant grown as live bio fences have strong soil binding capacity and are efficient enough to strengthen the boundaries of crop fields. These fences not only protect the fields but also play an important role in the conservation of some plants. The presence of thorns, spines, prickles, stinging hairs and profuse branching makes the bio fences strong and highly effective. The plants with thick foliage cause obstruction to sight of cattle, there by preventing grazing. *Adhadoda zeylanica*, *Duranta erecta*, *Euphorbia tirucalli*, *Hibiscus* spp., *Jatropha* spp., *Justicia gendarussa*, *Pedilanthus tithymaloides* are preferred due to their unpalatability to cattle. *Acacia caesia*, *A.torta*, *Caesalpinia mimosoides*, *Lantana camara*, *Mucuna pruriens*, *Pandanus* spp. make their presence as they form impenetrable thickets. Bamboos, Cacti, *Jatropha* spp. and *Pandanus* spp. prevent soil erosion. *Bambusa arundinace*, *Bombax ceiba*, *Pandanus* spp., *Terminalia travancorensis* and *Vitex* spp. act as wind breakers and also increase the firmness of the fences. Ornamental plants are often planted along these fences to impart attraction to eyes while in some areas these were supplemented with many fruit yielding climbers to make them economically important.



Sl. No.	Description		Qty.	Rate	Amount
1	3 No's of Green cutting of glyricedia, muringa or any other Easily available vegetative cutting 1 m length having approximate 3 to 5 cm dia. required to plant at a spacing of 20 cm between to two cutting including conveyance from source to side.				
	Green cutting	LS	5 Nos	3.00/E	15.00
2	Reapers required for cross fencing Stabilization of plants				
	Cutting	LS	2 Nos	1.50/Rm	3.00
3	Coring yarn for tying reapers and planted cuttings				
	Cuttings	LS	0.05 kg	30/Kg	1.50
4	Labour charges for planting the cuttings at a depth of 20 cm and filling the holes with earth completing and cross typing the green cutting etc. complete.				
			0.04	125/Rm	5.00
Total					5.00
Rs. 24.50/Rm					24.50