

Technology Profile for (Name) : Rice Variety RCPL1-76

Description of technology	Lowland fine grain rice variety
Area of application	Lowland rice variety for mid-hill areas
Equipment required	Normal equipment for rice cultivation. No specific equipment required
Space requirement	No specific space requirement. But, to get a profitable yield, cultivation in at least 0.5 ha should be done
Raw material and production cost	Seed input is one of the raw material available @ Rs.25/kg. Cost of seeds for 1ha will be Rs.1250/ha. In addition, NPK @ 60:60:40 is preferred. Cost of NPK will vary depending on the fertilizer used. Approximate cost of cultivation Rs.14,000/ha.
Risks/opportunities involved in adopting the technology	Risk of complete crop loss is not apprehended. However, normal risk of rainfed cultivation is applicable in this case.
Cost of available alternate technologies to similar products	Are similar to the proposed technology
Expected cost of technology	Rs.14,000 / ha with full package
Details of benefits of the technology/process developed	Approximately Rs.31,000/ ha of paddy and yield of 3.5 - 4.0t/ha with full package calculated on the basis of Rs.15/ kg



Scope

RCPL1-76 is suitable for Meghalaya, Mizoram, Manipur and Nagaland. About 89 % area is in the low mid altitude of which 55% is low land. Considering 35% of the low land as potential for this variety, total area would be approximately 55,000 ha. Total seed requirement is 137 t/year.

This variety may be found suitable for other hill states and may have wider market.