

Maize Variety RCM 1-3

Description of technology	Maize variety (White Kernal)
Area of application	Upland for mid-hill areas
Equipment required	Normal equipment for maize 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.33/kg. Cost of seeds for 1ha will be Rs.660. In addition, NPK @ 100:60:40 is preferred. Cost of NPK will vary depending on the fertilizer used. Approximate cost of cultivation Rs.15,000/ ha.
Risks/opportunities involved in adopting the technology	Risk of complete crop loss is not apprehended. However, normal risk of heavy rainfall during cultivation is applicable in this case.
Cost of available alternate technologies to similar products	Cost of available alternate technological inputs are similar to the proposed technology
Expected cost of technology	Rs.15,000/ ha with full package
Details of benefits of the technology / process	Approximately Rs. 21,000 / ha calculated developed on the basis of Rs 6/kg of maize and yield of 6 t/ha with full package



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

Scope

RCM 1-3 is suitable for all states of Northeast. Considering 40% of maize area as potential for this genotype, total potential area is 69000 ha. Seed requirement is 172 t/year.