Maize Variety RCM 1-1

Head : Seed and Planting Material
Technology Profile for Maize Variety RCM 1-1

1.	Name of the Institute	ICAR Research Complex for NEH Region
2.	Address	Umroi Road, Umiam, Meghalaya
3.	Name of P.I. & Co.P.I.	Dr. V. Mahajan, Dr. J. Mitra, Dr. S. Gupta
4.	Description of technology	Maize variety
5.	Flow chart of technology/process	
6.	Area of application	Upland for mid-hill areas
7.	Patent number & Date of filing	No patent filed
8	If patent is not filed, mention in which year the technology was developed?	1996
9	Did any entrepreneur has shown interest on this technology? If yes, please provide the name, address of the entrepreneur.	Not yet
10.	Equipment required	Normal equipment for m cultivation. No specific equipment required
11.	Space requirement	No specific space requirement. But, to get a profitable yield, cultivation in at least 0.5 ha should be done
12.	Plant set up cost	Nil
13.	Raw material and production cost	Seed input is one of the raw material avaialabe @ Rs.33.00 per kg. Cost of seeds for 1ha will be `660.00. In addition, NPK @ of 100:60:40 is preferred. Cost of NPK will vary depending on the fertilizer used. Approximate cost of cultivation ` 15,000.00
14.	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.
15.	Cost of available alternate technologies to similar products	Cost of available alternate technological inputs are similar to the proposed technology
16.	Expected cost of technology	Rs. 15,000.00 / ha with full package
17.	Details of benefits of the technology/process developed	Approximately Rs 21,000.00 / ha calculated on the basis of Rs 6.00 per kg of maize and yield of 60q/ha with full package
18.	Any suggestion from Project leader or commercializing this technology.	This variety may be found suitable for other hill states and may have wider market.

Maize Variety RCM 1-2

Head : Seed and Planting Material
Technology Profile for (Name): Maize Variety RCM 1-2 (Pop Corn)

1.	Name of the Institute	ICAR Research Complex for NEH Region
2.	Address	Umroi Road, Umiam, Meghalaya
3.	Name of P.I. & Co.P.I.	Dr. V. Mahajan, Dr. J. Mitra and Dr. S. Gupta
4.	Description of technology	Maize variety
5.	Flow chart of technology/process	
6.	Area of application	Upland for mid-hill areas
7.	Patent number & Date of filing	No patent filed
8	If patent is not filed, mention in which year the technology was developed?	1996
9	Did any entrepreneur has shown interest on this technology? If yes, please provide the name, address of the entrepreneur.	Not yet
10.	Equipment required	Normal equipment for m cultivation. No specific equipment required
11.	Space requirement	No specific space requirement. But, to get a profitable yield, cultivation in at least 0.5 ha should be done
12.	Plant set up cost	Nil
13.	Raw material and production cost	Seed input is one of the raw material available @ Rs. 33.00 per kg. Cost of seeds for 1ha will be `660.00. In addition, NPK @ of 100:60:40 is preferred. Cost of NPK will vary depending on the fertilizer used. Approximate cost of cultivation ` 15,000.00
14.	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.
15.	Cost of available alternate technologies to similar products	Cost of available alternate technological inputs are similar to the proposed technology
16.	Expected cost of technology	Rs.15,000.00 / ha with full package
17.	Details of benefits of the technology/process developed	Approximately ` 21,000.00 / ha calculated on the basis of Rs 6.00 per kg of maize and yield of 60q/ha with full package
18.	Any suggestion from Project leader or commercializing this technology.	This variety may be found suitable for other hill states and may have wider market.

Maize Variety RCM 1-3

Head : Seed and Planting Material
Technology Profile for (Name): Maize Variety RCM 1-3

1.	Name of the Institute	ICAR Research Complex for NEH Region
2.	Address	Umroi Road, Umiam, Meghalaya
3.	Name of P.I. & Co.P.I.	A. Pattanayak
4.	Description of technology	Maize variety (White Kernal)
5.	Flow chart of technology/process	
6.	Area of application	Upland for mid-hill areas
7.	Patent number & Date of filing	No patent filed
8	If patent is not filed, mention in which year the technology was developed?	1996
9	Did any entrepreneur has shown interest on this technology? If yes, please provide the name, address of the entrepreneur.	Not yet
10.	Equipment required	Normal equipment for m cultivation. No specific equipment required
11.	Space requirement	No specific space requirement. But, to get a profitable yield, cultivation in at least 0.5 ha should be done
12.	Plant set up cost	Nil
13.	Raw material and production cost	Seed input is one of the raw material avaialabe @ Rs. 33.00 per kg. Cost of seeds for 1ha will be `660.00. In addition, NPK @ of 100:60:40 is preferred. Cost of NPK will vary depending on the fertilizer used. Approximate cost of cultivation ` 15,000.00

14.	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.
15.	Cost of available alternate technologies to similar products	Cost of available alternate technological inputs are similar to the proposed technology
16.	Expected cost of technology	Rs. 15,000.00 / ha with full package
17.	Details of benefits of the technology/process developed	Approximately Rs. 21,000.00 / ha calculated on the basis of Rs 6.00 per kg of maize and yield of 60q/ha with full package
18.	Any suggestion from Project leader or commercializing this technology.	This variety may be found suitable for other hill states and may have wider market.