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	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	No patent filed
	filing	
8	If patent is not filed, mention	1996
	in which year the technology	
	was developed?	
9	Did any entrepreneur has	Not yet
	shown interest on this	
	technology? If yes, please	
	provide the name, address of	
10.	the entrepreneur.	Normal equipment for m cultivation. No specific
10.	Equipment required	equipment required
11.	Space requirement	No specific space requirement. But, to get a profitable
11.	Space requirement	yield, cultivation in at least 0.5 ha should be done
12.	Plant set up cost	Nil
13.	Raw material and production	Seed input is one of the raw material available @ Rs.
	cost	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	Risk of complete crop loss is not apprehended.
	in adopting the technology	However, normal risk of heavy rainfall during
		cultivation is applicable in this case.
15.	Cost of available alternate	Cost of available alternate technological inputs are
	technologies to similar	similar to the proposed technology
1.6	products	D 15 000 00 /1
16.	Expected cost of technology	Rs. 15,000.00 / ha with full package
17.	Details of benefits of the	Approximately 21,000.00 / ha calculated on the basis
	technology/process developed	of Rs 6.00 per kg of maize and yield of 60q/ha with
10	Any suggestion from Project	full package This variety may be found suitable for other hill states.
18.	Any suggestion from Project leader or commercializing	This variety may be found suitable for other hill states and may have wider market.
	this technology.	and may have wider market.
	uns technology.	<u> </u>



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 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	Risk of complete crop loss is not apprehended.
	adopting the technology	However, normal risk of heavy rainfall during cultivation is applicable in this case.
15.	Cost of available alternate	Cost of available alternate technological inputs
	technologies to similar products	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	Approximately Rs. 21,000.00 / ha calculated
	technology/process developed	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	This variety may be found suitable for other
	commercializing this technology.	hill states and may have wider market.

