

Commercialization of technology

Head: Seed and planting material

Technology profile for (Name): Tomato Cultivar- Megha Turmeric-1

1	Name of the institute	ICAR Research complex for NEH Region, Umiam – 793103, Meghalaya
2	Address	Division of Horticulture, ICAR Research complex for NEH Region, Umiam – 793103, Meghalaya
3	Description of technology	Good in vegetative growth Curcumin content 6.8%. Dry matter content: 16.40 % Maturity: 300-315 days Average yield: 27-30 t/ha. Tolerant to leaf blotch and leaf spot
5	Flow-chart of technology/ process	Clonal selection from the local genotype Lakadong
6	Area of application	Crop improvement
7	Patent number and date of filing	Not filed
8	If patent is not filed, mentioned in which year the technology was developed?	Technology was developed in the year 2000-04
9	Did any entrepreneur has shown interest on this technology? If yes, please provide the name, address of entrepreneur	Farmers of Meghalaya
10	Equipment required	Nil
11	Space required	Area for production of crops
12	Plant setup cost	Nil
13	Raw material and production cost	Rs.One lakh /ha (Approx.)
14	Risk/opportunities involved in adopting the technology	Risk from adverse weather / good agricultural practices
15	Cost of available alternate technologies to similar products	Similar cast
16	Expected cost of technology	Rs. 10.0 lakh
17	Details of benefits of the technology/ process developed	Higher yielding, rich in curcumin content

18	Any suggestion from project leader for commercializing this technology	Extension of technology for entrepreneurship development and investment
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Photographs:



Associated Scientist in the development of cultivar:

- Dr. Ram Chandra
- Dr. D. S. Yadav
- Dr. A.K.Singh

Salient features of Turmeric cultivars: Megha Turmeric-1

1. Quality parameters:

- Curcumin content 6.8%.
- Dry matter content: 20 %

2. Site characterization

- Suitable for plain as well as hilly region of north eastern states

3. Varietal characteristics:

- Maturity: 300-315 days
- Average yield: 27-30 t/ha.
- Tolerant to leaf blotch and leaf spot

4. Commercial aspects:

- High yielding
- Suitable for processing like extraction of oleoresin etc.
- Wider adoptability and can grow from plain to higher altitude
- Suitable for rainfed as well as irrigated conditions