



NEH component, 2020-21

Title: Popularization of rice Variety Swarna Sub 1 and MTU 1010

Variety	Area (ha)	No of Farmers	Yield (q/ha)	Gross Cost (Rs/ha)	Gross Income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
Swarna Sub 1	20	94	42	34300	58800	24500	1.71
MTU 1010	2.2	10	40.5	34300	56700	22400	1.65



Title: Popularization of Blackgram Variety PU31

Variety	Area (ha)	No of Farmers	Yield (q/ha)	Gross Cost (Rs/ha)	Gross Income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
PU 31	30	65	6.5	19000	39000	20000	2.05
Local	-	-	4.8	15800	28800	13000	1.82



Title: Popularization of Greengram Variety IPM-02-03

Variety	Area (ha)	No of Farmers	Yield (q/ha)	Gross Cost (Rs/ha)	Gross Income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
IPM-02-03	5	25	7.8	19000	50700	31700	2.66
Local		-	6.5	18000	42250	24250	2.34



Title: Popularization of Toria Variety Uttara

Variety	Area (ha)	No of Farmer s	Yield (q/ha)	Duratio n (days)	Gross Cost (Rs/ha)	Gross Income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
Uttara	10	25	7.9	95	16900	31600	14700	1.86
Local	-		6.9	90	16000	27600	11600	1.72



Title: Popularization of Potato Variety Khufri Jyoti

Variety	Area (ha)	No of Farmers	Yield (q/ha)	Gross Cost (Rs/ha)	Gross Income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
Kufri Jyoti	10	15	84	59800	151200	91400	2.52
Local	-		69	52000	124200	72200	2.38



Title: Popularization of Maize Variety Bio 9637

Variety	Area (ha)	No of Farmers	Yield (q/ha)	Gross Cost (Rs/ha)	Gross Income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
Bio 9637	177	50	44.5	32000	62300	30300	1.9



Title: Popularization of Mustard Variety NRCHB 101



Variety	Area (ha)	No of Farmers	Yield (q/ha)	Duration (days)	Gross Cost (Rs/ha)	Gross Income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
NRCHB 101	5	15	9.0	110	16900	36000	19100	2.13
Local	-		6.9	90	16000	27600	11600	1.72

FLD(NEH Component)

Title: Popularization of cabbage cultivation Variety NSC 103 B

Variety	Yield(q/ha)	No of farmers	Gross cost	Gross income(Rs/ha)	Net income(rs/ha)	B: C (Ratio)
NSC 103 B	220	25	51500	183500	132000	2.56



FLD(NEH Component)

Title: Popularization of broccoli cultivation Variety

Variety	Yield(Q/ha)	No of farmers	Gross cost	Gross income (Rs/ha)	Net income (Rs/ha)	B: C (Ratio)
NSC 105 B	129.7	25	56000	185700	129700	2.31



FLD(NEH Component)

Title: Popularization of pea cultivation Variety AP 3

Variety	Yield(Q/ha)	No of farmers	Gross cost	Gross income (Rs/ha)	Net income (Rs/ha)	B: C (Ratio)
AP 3	32	28	22500	86500	64000	2.84



FLD(NEH Component)

Title: Popularization of radish cultivation Variety

Variety	Yield (Q/ha)	No of farmers	Gross cost	Gross income (Rs/ha)	Net income (Rs/ha)	B: C (Ratio)
Pusa Chetki	159.6	25	35000	114800	79800	2.28



FLD(NEH Component)

Title: Popularization of French bean cultivation

Variety	Yield (Q/ha)	No of farmers	Gross cost	Gross income (Rs/ha)	Net income (Rs/ha)	B: C (Ratio)
AK	112.3	25	52000	186760	134760	2.59



FLD(NEH Component)

Title: Popularization of Bottle Gourd cultivation

Variety	Yield (Q/ha)	No of farmers	Gross cost	Gross income (Rs/ha)	Net income (Rs/ha)	B: C (Ratio)
Sree Long	250	25	52000	177000	125000	2.40



NEH Component: Milky Mushroom

Crop : Milky Mushroom,
No of beds: 200 beds,

Area: 1 Unit
Location: Raidung Balugarah vill

Results:

Crop Enterprise	Technology demonstrated	Demonstration Yield (Kg/Unit)			Yield of local Check (Kg/Unit)	% increase/ change in avg. yield over local %	Gross Cost (Rs./ unit)	Gross Return / (Rs./ unit)	Net Return /(Rs./ Unit)	B:C Ratio
		H	L	A						
Mushroom	Cultivation of Milky mushroom	136	102	119	-	-	8850/ unit	50500/ unit	41650/ unit	4.70



Title of the OFT	Demonstration on Mechanical harvesting of Tea by hand shears
Problem Identified	Shortage of labour during peak season time due to paddy cultivation.
Source of Technology	TES, Jorhat
Area/ Trial	1.3 / 10 nos
Treatments/ Intervention	Hand shears @ 1 no for each bigha.

Parameters	Leaf plucked /hour	Mandays/ Bigha	Plucking Round	Net return (Rs./ha)	B:C ratio	Feedback from farmers
Hand Shears	23 kgs	1 .0	14	136125	3.0	Farmers Satisfied only during peak season
Farmers Practice	11.5 Kgs	2.5	7	130125	2.55	



Input Distribution



Harvesting using shears



Plucking in field using hand shears

NEH Component: Production of Vermicompost in low cost vermicompost



No. of Units	18
No. of village covered	2
No. of farmers	18