ON FARM TESTING FOR THE YEAR 2021-22

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ON FARM TESTING (2021-22)

Sl. No.	Subject/Title	Source of Technology	Proposed target	Target achieved	No. of framers covered	Name of farmers	Name of location	Remarks on performance of technology	Assessment required/not required (mention specific area)	CB ratio
1	Assessment of High yielding Sali paddy var. Numali	RARS, Titabar, AAU	2	2	2	Jitu Gogoi, Debojit Changmai	Chinaichuk, Mathadang	Double cropping was possible due to the cultivation of short duration Numali var.	Required	1: 1.70
2	Performance assessment of local Kharif black gram variety Telia Maah	ITK	3	3	3	Purna Phukan, Pradip Phukan, Nanda Gogoi	Gohain Gaon	Though the seed quality is good in case of telia maah, but the production is low as compared to PU31	Required	1:2.32
3	Assessment of rice varieties TTB-1041-204-1 and TTB-1048-60-1 high yielding long duration genotype.	RARS, Titabar, AAU	1	1	1	Nikesh Kutum	No.1 Chekaimaj Gaon	The production of the two long duration paddy variety was less in comparison to Ranjit sub 1	Required	T1 = 1:1.57 T2 = 1:1.57
4	Assessment of sweet potato var. Dergaon red with Bhu sona, Sree Bhadra and ST-56	AAU (under pipeline)	2	2	5	Sachindra Dutta, Pranjal Pratim Bhuyan, Diganta Bhuyan, Jitul Bhuyan and Bhaben Haloi	Matikhula & Kamargaon	The market demand of Bhu Sona is less as compared to the other two varieties.	Required	**Variety** / **C:B** ***Bhu sona*** / 1: 3.54 ***Bhu Krisna*** / 1:3.14 ***Dergaon red*** / 1:4.18

5	Organic cultivation of Carrot	AAU	3	3	3	Dimbeswar Hazarika, Krisna Kanta Doley, Suren Haloi	Matikhula, Santipur Jengrai and Nilakh Tarani Pothar	Production was found to be higher when cultivated by organic method and also the size was uniform	Required	1:3.50
6	Assessment of two Lai xaak varieties AAUJLP 1 & AAUJLP 2 with local check	AAU (Under Pipeline)	1	1	1	Budheswar Pame	Dimow	Pungency was more in AAUJLP2 while leaf production was more in AAUJLP1	Required	1:2.65
7.	Validation of Trimming of branches in Pumpkin	Technical programme approved at TCM- Rabi 2021	1	1	1	Manoj Borah	Naharani Balijan	-	Required	1:4.95
8	Assessment of bacterial blight resistant Sali paddy var. AAU 238 & AAU 241	AAU	2	2	2	Manoj Borah and Jayanta Sonowa;	Borbam Bhebeli & Balijaan	The BLB infestation was found to be at par with the check varieties.	Required	T1 = 1:1.45 T2 = 1:1.46
9	Assessment of KSB in reduction of Potassic Fertilizers on Sali paddy	AAU, Jorhat-13	3	3	3	Mukunda Baruah, Tulan Sonowal, Bijoy Deori	Sumoni, Kololuwa, Barbam Deuri	Application of KSB consortia resulted in increased yield	Required	T1=1:1.74 T2=1:1.65 T3=1:1.55
10	Need based fertilizer nitrogen	RARS-North Lakhimpur,	3	3	3	Kalpana Sonowal, Noor Jama	Mesu, Phulbari, Gelua	Judicious use of chemical fertilizer was possible due to	Required	T1=1:2.59 T2=1:2.36

	management using leaf colour chart in winter Rice to improve N use efficiency	AAU, Under pipeline				nans Ajay Kumar Pegu		the use of this technology		
11	Fertilizer prescription equation under AICRP on STCR	AAU, Jorhat-13	3	3	3	Rita Taye, Dinesh Doley and Nirmal Borah	Pipalguri, Kulajan Tiniali, Borpathar	Using soil test data, targeted yield could be achieved	Required	T1=1:1.7 T2=1:1.8 T3=1:2.1
12	Fertilizer Prescription Equations for Normal Sown Rapeseed	AAU Year of release:2017	1	1	1	Dalim Borgohain	Geluwa	Using soil test data, targeted yield could be achieved	Required	T1=1:2.19 T2=1:2.20 T3=1:2.12
13	Assessment of improved processing method for reeling of Muga Cocoon	ITK	3	3	3	Sunu Dihingia, Jamuna Panging, and Mohan Hazarika	Batghoria, Mothadang and Boikunthapur	Processing was easier and uniform colour was obtained	Required	Colour: Black shades are observed in T2 Shining: Shining is better in T1 Farmers preference: Baking soda No. of filament: 8-10 Water quality: More easy maintain

										cleanliness in T1 Cocoon required for 1 kg muga yarn: 5000 nos Max. cocoon can be reeled in a day: 500 nos