

GOVERNMENT OF ASSAM
DIRECTORATE OF AGRICULTURE

No.ADA(CC)/ASM/NFSM(Jute)/311/2017-18/ 17

Date.19/04/2017.

From : Director of Agriculture, Assam,
Khanapara, Guwahati-22.
To : The Commissioner & Secretary, to the Government of Assam, Department of
Agriculture, Dispur, Guwahati-6
Sub : Submission of Annual Action Plan of Jute crops under NFSM (CC), 2017-18, under
90:10 sharing pattern.
Ref : Govt. of India letter No.2-1/2017-NFSM dtd.9th March/2017

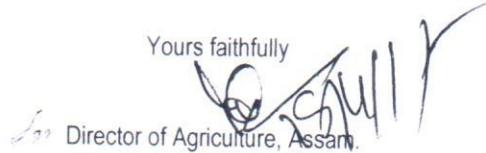
Sir,

With reference to the subject and reference cited above I have the honour to submit herewith the Annual Action Plan of NFSM (CC) Jute crop during 2017-18 on the 90:10 sharing pattern, as desired by GOI.

Accordingly the draft Annual Action Plan for NFSM (CC) Jute Crop during 2017-18 has been submitted for favour of your kind perusal & onward submission to Ministry of Agriculture & Farmers Welfare, Department of Agriculture & Co-operation, New Delhi, Govt. of India.

Encl: As stated.

Yours faithfully



Director of Agriculture, Assam,
Khanapara, Guwahati-22.

Memo No.ADA(CC)/ASM/NFSM(Jute)/311/2017-18/ 18-19

Date.19/04/2017.

Copy to :-

- 1. The Additional Commissioner (Commercial crops) Government of India, Ministry of Agriculture, Department of Agriculture & Co-operation Krishi Bhavan, New-Delhi- 110001 for favour of information.
- 2 The Director, Directorate of Jute Development, Government of India, Ministry of Agriculture, Department of Agriculture & Co-operation, Nizam Palace Campus, 234/4 Jagadish Chandra Bose Road, Kolkata-700020. for favour of information & necessary action. E-mail : djd @ nic.in



Director of Agriculture, Assam,
Khanapara, Guwahati-22.

NFSM –JUTE 2017-18 IN ASSAM

During the period of 1960 to 1970, the area of Jute in Assam was around 1,36,000 ha., but gradually the area declined to the level of 60,000 ha. during 2009-10. The reduction of area is due to the various factors like-

1. Lack of demand for fibre
2. Competition with synthetic fibre.
3. Non- receipt of remunerative price.
4. Lack of availability of good quality Seeds in time to the farmers.


But due to the introduction of Jute Technology Mission since 2008-09, the area slowly started coming up and now the area has reached about 1,05,000 ha in Assam. From 2015-16 onward, the Jute Technology Mission has been discontinued and the Jute seed production programme etc. in Assam has been taken up under NFSM-Commercial crop. In the current financial year, Rs.250.00 Lakh has been earmarked for Assam under four different components -

- I. Seed village Programme and production of seeds in Govt. Farms.
- II. Field level demonstration (FLD) on production technology/ intercropping.
- III. State level training of Jute growers.

Assam mostly depends upon quality seeds from outside of the State. Moreover, recently developed seed variety is very important to maintain/ increase the production level and quality of seeds. The target of jute area is fixed at 105000 ha. and to cover this target area certified seed requirement is more than 16800 qtls. Tarun, a new Oliterious variety developed by Assam Agricultural University with resistant to stem and root rot disease will be taken up in seed production programme with an aim to produce 570 qtl of seeds in farmers field as well as in Govt. farms with the financial involvement of Rs.31.35 Lakh, which will fill up the 11.29% of State requirement for 2017-18. It is expected that it will ensure supply of quality seeds at proper time and at reasonable price. The seed producing farmers of the state will also gain monetary benefit. The yield potential of 'Tarun' variety goes up to 3500 kg/ha whereas the average production of fibre in Assam is 2300 kg/ha. Another advantage of Tarun, is that it may be sown up to the last part of May for fibre production also. So, our thrust will be to popularise the Tarun variety in NFSM- Jute districts to reach 3,000 kg/ha. level within 2-3 years through NFSM (CC) -Jute Programme.

FLD has been taken up to motivate / attract the farmers to modern technology of Jute with an involvement of Rs.157.63 Lakh. The highest percent of fund allotment (56.75%) has been made in case of FLD so that the farmers can equip themselves with modern technologies acquiring practical experiences which in turn will help to achieve the our productivity target, i.e., 3,000 kg/ha within 2-3 years. Training of farmers will be another component with the involvement of Rs.88.80 Lakh under the NFSM- Jute in Assam for the year 2017-18 for capacity building of jute growers.

Accordingly an Action Plan has been prepared with the involvement of Rs.277.78 Lakh for the year 2017-18 with State Share.

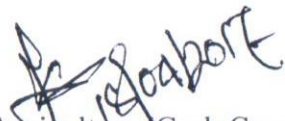

 Asstt. Director of Agriculture (cash Crop)
 Assam, Khanapara, Guwahati-22


**ANNUAL ACTION PLAN FOR RS. 277.78 LAKH ALLOCATION MADE BY GOVT. OF INDIA UNDER NFSM-
Commercial Crops (Jute), for the year 2017-18 (Assam)**

State: Assam

Sl. No.	Component	Unit cost approved by GOI	Area / No. of Demo.	Fund Required (Rs. in Lakh)	Percent of Fund Allotment	Where to Implement
						Name of District
1.	Seed Village programme and Production of seed in government farm (ha)	Rs.16500/ha	190 Ha.	31.35	11.29 %	Barpeta, Baksa, Goalpara, Dhubri, Kokrajhar, Bongaigaon, Kamrup, Darrang, Morigaon, Nagaon, Nalbari, Udalguri, Sonitpur & Large Size Mechanized Farm, Kheroni.
2.	FLDs on Production technologies/ Intercropping (ha)	Rs.8000/ha (0.4 ha/unit)	1970.375 Ha. (4925.93 Nos)	157.63	56.75 %	Barpeta, Baksa, Goalpara, Dhubri, Kokrajhar, Bongaigaon, Kamrup, Darrang, Morigaon, Nagaon, Nalbari, Udalguri, Sonitpur Dist.
3.	State level training during current year (Nos.)	Rs.40000 per training	222 Nos.	88.80	31.96 %	Department of Agriculture, Assam, Khanapara covering Jute growers of all the Jute growing Districts.

Total= Rs.277.78 Lakh 100 %


Asstt. Director of Agriculture (Cash Crop)
Assam, Khanapara, Guwahati-22.


Director of Agriculture, Assam,
Khanapara, Guwahati-22.

**ANNUAL ACTION PLAN FOR RS. 277.78 LAKH ALLOCATION MADE BY GOVT. OF INDIA UNDER NFSM-
Commercial Crops (Jute), for the year 2017-18 (Assam) (Sharing Pattern- 90:10)**

State: Assam

Sl. No.	Component/Intervention	Physical target (Area in Ha.)	Financial target (Rs. in lakh)	Target proposed				Total Amount (Rs. in lakh)
				Central Share		State Share		
				Physical	Financial (Rs. in lakh)	Physical	Financial (Rs. in lakh)	
1.	Seed Village programme and Production of seed in government farm (ha)	190 Ha.	31.35	171 Ha.	28.215	19 Ha.	3.135	31.35
2.	FLDs on Production technologies/ Intercropping (ha)	1970.375 Ha. (4925.93 Nos)	157.63	1773.34 Ha. (4433.34 Nos)	141.867	197.035 Ha. (492.59 Nos)	15.763	157.63
3.	State level training during current year (Nos.)	222 Nos.	88.80	199.8 Nos.	79.92	22.2 Nos.	8.88	88.80
Total=			277.78		250.00		27.78	277.78

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Khanapara, Guwahati-22.

Detail Cafeteria for Front Line Demonstration (Jute) under NFSM (CC), 2017-18

Cost Norm per Ha.		
Sl. No.	Name of Activity / Input	Cost per ha. (Rs.)
1	Certified Jute Seed @Rs.150/- per kg for 6.25 kg. ✓	938.00
2	Vermicompost @ Rs.8/- per kg. for 463 kg.	3704.00
3	Chloropyriphos 50 EC @ Rs.322/- per litre for 3 litre	966.00
4	Carbendizim 12% + Mancozeb 63% @ Rs.396/- per kg for 1 kg.	396.00
5	Back Pack Sprayer (50% subsidy) @Rs.836/- per No for 1No.	836.00
6	Contingency (for Field day, Visit by Officers/Scientist, Seminar, POL etc.)	1000.00
7	Publicity materials etc.	160.00
Total=		8000.00

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Assam. Khanapara, Guwahati-22

Director of Agriculture, Assam.
Khanapara, Guwahati-22.

1. Seed Village Programme & Production of Seeds in Govt. farm:

The seed village Programme & production of seeds in Govt. farm will be undertaken to ensure availability of quality seeds. The target of seed production per ha. is 3.0 qtl/ha. A minimum of 10 ha. per unit will be covered including Govt. farms also. The unit cost for production of seeds in 1 ha. will be as follows-

Sl. No.	Item	Quantity/ Number	Rate per Kg/Lit (In Rs.)	Cost (In Rs.)		Remarks
					Govt.Share	
1.	Certified Jute Seed	7.5 kg.	100.00	750.00		
2.	Vermicompost -	1000 kg.	7.00	7000.00		
3.	Herbicide- Pendimethilin 30 EC	1 Litre.	635.00	635.00		
4.	Back Pack Sprayer-	1 No.	836.00	836.00		
5.	Steel Khurpi-	2 Nos.	70.00	140.00		
6.	Garden spade-	2 Nos.	155.00	310.00		
7.	Contingency: i)Seed Certification,inspection, tag and bagging etc. ii)Publicity materials and Training to farmers iii)Scientists/ Officers visit iv)Sign board Flax etc. v)Consultancy service etc.	-	-	6829.00		
Total= Rs.16,500.00						

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2. Front Line Demonstration on production Technologies:

Front Line Demonstrations on production technologies of Jute will be conducted in farmers field to demonstrate improved technologies on nutrient efficiency, weed management, efficient use of water along with performance of new variety. For each farmer at least 0.4 ha. area will be covered in a demonstration. The unit cost for 1.0 ha. will be as follows-

Sl. No.	Item	Quantity/ Number	Rate Kg/Lit(In Rs.)	Cost (In Rs.)	
					Govt.Share
1.	Certified Seeds	6.25 kg.	150.00		938.00
2.	Vermicompost-	463 kg.	8.00		3704.00
3.	Chloropyriphos- 50 EC	3 litre.	322.00		966.00
4.	Carbendizim 12% + Mancozeb 63%	1 kg.	396.00		396.00
5.	Back Pack Sprayer- (50% subsidy)	1 No.	836.00		836.00
6.	Contingency (for Field day , Visit by Officers/ Scientist, Seminar, POL etc.)	-	-		1000.00
7.	Publicity material etc.	-	-		160.00

Total= Rs.8000.00

18.4.2017
Asstt. Director of Agriculture (Cash Crop)
Assam, Khanapara, Guwahati-22.

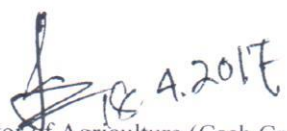
for
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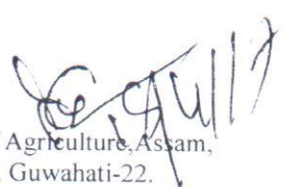
3. State Level Training :

State level training of 2 days for 20 participants will be conducted in Head Quarter to augment skills on improved technologies of Jute fibre production. Participants will be Jute growers of different districts. The unit cost for a training of 2 days as follows-

Sl. No.	Item	Amount
1.	Honorarium to Resource Person @ Rs.500/- per lecture for 10 lectures	5,000.00
2.	Refreshment for inaugural session for 50 persons @ Rs.50/- per head	2,500.00
3.	Boarding & Lodging for training @ Rs.500/- per head per day for 20 participants.	20,000.00
4.	Training kit including publication @ Rs.400/- Trainee for 20 participants.	8,000.00
5.	Contingencies including audio visual arrangements, field visit etc.	4,500.00

Total = Rs.40,000.00

 4.2017
Asstt. Director of Agriculture (Cash Crop)
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Director of Agriculture, Assam,
Khanapara, Guwahati-22.

Impact of NFSM (Commercial crop) Jute in the state of Assam:

Due to introduction of the National Food Security Mission (Commercial crop) during 2014-15 in Assam, the Jute growing area gradually coming up and targeted 105455 Ha. in 2017-18. Various interventions like Bio- fertilizer, Bio- pesticides, Consultancy service, Seminar, Scientists visits, Workshop have been included in the action plan to attract the jute growers of the state of Assam. As a result various promising cropping sequence like Jute- Lentil, Jute- Black Gram and Jute- Rice –Toria have been suggested under rainfed and irrigated condition. By adopting above sequences of the crop, intensification and diversification have significantly increased in the jute growing districts. Jute based cropping system have been implemented in the major jute growing districts of Assam. The seed village programme with Departmental Farm have been pioneered in the State in the field of seed production. The farmers will know the latest technology for producing quality seed and it will make a remarkable stand to save the revenue to go outside the state and ultimately farmers will be more gainer of the State.

The State Agriculture University is requested to provide the latest technology for retting which is of utmost necessity for the time for quality production of fibre and hope farmers will get its benefit soon.

 18.4.2017
Asstt. Director of Agriculture (Cash Crop)
Assam, Khanapara, Guwahati-22.

Annexure-IITemplates for NFSM- Commercial crops Action Plan 2017-18

1. Brief report of NFSM- Commercial crops implementation during 2016-17 including
 - a) Area covered under cropping system approach.
 - (i) Jute – Lentil : 20,000 ha.
 - (ii) Jute- Black gram: 35,000 ha.
 - (iii) Jute –Rice-Toria: 26,739 ha.
 - Total =81,739 ha.
 - b) Cafeteria of intervention undertaken under cluster demonstration of various crops
 - Cafeteria of intervention of Jute Crop have been attached.
 - c) Analysis on the contribution of various interventions for up-scaling in succeeding year
 - i) Seed production : 90 Qtl. seed of Tarun variety at Large Size Mechanized Farm, Kheroni. West Karbi-Anglong District.
 - ii) FLD : 1645 nos of FLD conducted to transfer modern technology to Jute growers in field situation & achieved the productivity i.e. 3,000 kg/ha.
 - iii) Training of Jute growers: 5.5 nos. for building up the capacity of the farmers.
 - d) Outcomes of NFSM-Commercial Crops.
 - Farmers starts cultivation of Jute with new interventions like Vermicompost, Bio-fertilizer, Bio-pesticides to produced good quality fibre and eco-environmental crop.
2. Suggestions for inclusion of new interventions (Crop wise)
 - (a) Jute – (i) Vermicompost (ii) Fungicides (iii) Consultancy service/seminar (iv) Certification. (v) Scientists visit etc.
3. Attached cafeteria of intervention for each type of demonstration.
4. Attached physical and financial targets of action plans for each crop component.


 18.4.2017
 Asstt. Director of Agriculture (cash Crop)
 Assam, Khanapara, Guwahati-22