

GOVT. OF ASSAM
DIRECTORATE OF AGRICULTURE
KRISHI BHAWAN:: KHANAPARA::GUWAHATI-22

Date: 29/04/2020

No. Agri//Fert/SOF/701/2020-21/01

From Mr. J H Choudhary
Joint Director Agriculture (C&F), Assam
Directorate of Agriculture
Khanapara, Guwahati-22

✓ To The General Manager, (i/c)
DAAA
The Assam Cooperative Apex Bank Limited
Head Office, Panbazar, Guwahati-1

Sub. Scale of Finance for Field Crops for the year 2020-21.

Sir,

With reference to the subject cited above I am enclosing herewith the Scale of Finance for Field Crops for the Year 2020-21. This is for favour of your information and needful action.

Enclo.: As stated.

Yours faithfully,

JDA (C&F)

Directorate of Agriculture
✓ Khanapara, Guwahati-22
Date: 29/04/2020

Memo No. Agri//Fert/SOF/701/2020-21/01

Copy to:-

1. P.A. to the Director of Agriculture, Assam, Khanapara for information.
2. Office copy.

JDA (C&F)

Directorate of Agriculture
Khanapara, Guwahati-22

Scale of Finance of different Crops for FY 2020-21

(Cost per hectare)

1) Summer Paddy (Boro)

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	40	42.00	1680.00	
2	FYM or Compost	Kg.	10,000	1.30	13000.00	
3	Azotobacter	Kg.	5	50.00	250.00	
4	PSB	Kg.	5	50.00	250.00	
5	Urea	Kg.	40	5.90	236.00	
6	DAP	Kg.	33	27.50	907.50	
7	MOP	Kg.	22	17.80	391.60	
8	Land Preparation			LS	4000.00	
9	PP Chemicals			LS	1800.00	
10	Irrigation			LS	3600.00	
11	Wages	Nos.	150	250	37500.00	
12	Misc.			LS	2000.00	
13	Insurance @ 1.5%				984.23	
	Total:				66599.33	62986.00
				Say=	66600.00	

Total Cost : Rs. 66,600.00
 Expected production per ha : 7.00 MT/Ha.
 Expected price : Rs. 1,815.00/Qtl.
 Expected income : Rs. 1,27,050.00/Ha.
 Cost Benefit Ratio : 1: 1.91

N.B.: 10% variation in input costs may be accepted.

2) Winter Paddy (Sali)

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	40	42.00	1680.00	
2	FYM or Compost	Kg.	10000	1.30	13000.00	
3	Azotobacter	Kg.	5	50.00	250.00	
4	PSB	Kg.	5	50.00	250.00	
5	Urea	Kg.	40	5.90	236.00	
6	DAP	Kg.	33	27.50	907.50	
7	MOP	Kg.	22	17.80	391.60	
8	Land Preparation			LS	4000.00	
9	PP Chemicals			LS	1500.00	
10	Irrigation			LS	2000.00	
11	Wages	Nos.	150	250	37500.00	
12	Misc.			LS	2000.00	
13	Insurance @ 2.2%				1274.30	
	Total:				64989.40	62276.00
				Say=	64990.00	

Total cost per ha : Rs. 64,990/-
 Expected production per ha : 6.50 MT/Ha.
 Expected price : Rs. 1,815.00/Qtl.
 Expected income : Rs. 1,17,975.00/Ha.
 Cost Benefit Ratio : 1: 1.82

N.B.: 10% variation in input costs may be accepted.

Scale of Finance of different Crops for FY 2020-21

(Cost per hectare)

3) Autuman Paddy (Ahu)

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	40	42.00	1680.00	
2	FYM or Compost	Kg.	10000	1.30	13000.00	
3	Azotobacter	Kg.	5	50.00	250.00	
4	PSB	Kg.	5	50.00	250.00	
5	Urea	Kg.	40	5.90	236.00	
6	DAP	Kg.	33	27.50	907.50	
7	MOP	Kg.	22	17.80	391.60	
8	Land Preparation			LS	4000.00	
9	PP Chemicals			LS	1500.00	
10	Irrigation			LS	3500.00	
11	Wages	Nos.	150	250	37500.00	
12	Misc.			LS	2000.00	
13	Insurance @ 2%				1304.30	
	Total:				66519.40	63296.00
				Say=	66520.00	

Total cost per ha : Rs. 66,520.00

Expected production per ha : 7.00 MT/Ha.

Expected price : Rs. 1,815.00/Qtl

Expected income : Rs. 1,27,050.00/Ha.

Cost Benefit Ratio : 1:1.91

1.909951894

N.B.: 10% variation in input costs may be accepted.

4) Sugarcane

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Qtls.	70	400.00	28000.00	
2	FYM or Compost	Kg.	10000	1.30	13000.00	
3	Azotobacter	Kg.	8	50.00	400.00	
4	PSB	Kg.	8	50.00	400.00	
5	Urea	Kg.	150	5.90	885.00	
6	SSP	Kg.	330	8.80	2904.00	
7	MOP	Kg.	100	17.80	1780.00	
8	Land Preparation			LS	6000.00	
9	PP Chemicals			LS	2000.00	
10	Irrigation			LS	3000.00	
11	Wages	Nos.	173	250.00	43250.00	
12	Misc.			LS	3000.00	
13	Insurance @ 5 %				5230.95	
	Total:				109849.95	107225.00
				Say=	109850.00	

Total cost per ha : Rs. 1,09,850.00

Expected production per ha : 80.00 MT/Ha.

Expected price : Rs. 400.00/Qtl

Expected income : Rs. 3,20,000.00 /Ha.

Cost Benefit Ratio : 1:2.91

2.913063268

N.B.: 10% variation in input costs may be accepted.

Scale of Finance of different Crops for FY 2020-21

(Cost per hectare)

5) Blackgram / Greengram

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	22.54	83.00	1870.82	
2	FYM or Compost	Kg.	5000	1.30	6500.00	
3	Rhizobium Culture	Kg.	0.4	50.00	20.00	
4	PSB	Kg.	0.4	50.00	20.00	
5	Urea	Kg.	16	5.90	94.40	
6	SSP	Kg.	165	8.80	1452.00	
7	Land Preparation			LS	1500.00	
8	PP Chemicals			LS	500.00	
9	Irrigation			LS	0.00	
10	Wages	Nos.	80	250.00	20000.00	
11	Misc.				1300.00	
12	Insurance @ 2 %				665.14	
	Total:				33922.36	33412.00
				Say=	33922.00	

Total cost per ha :Rs. 33,922.00

Expected production per ha : 9.00Qtl/Ha.

Expected price :Rs. 7600.00/Qtl

Expected income :Rs. 68400.00/Ha 684000

Cost Benefit Ratio : 1:1.96

N.B.: 10% variation in input costs may be accepted.

6) Pea

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	52.5	63.00	3307.50	
2	FYM or Compost	Kg.	5000	1.30	6500.00	
3	Rhizobium Culture	Kg.	1.1	50.00	55.00	
4	PSB	Kg.	1.1	50.00	55.00	
5	Urea	Kg.	22	5.90	129.80	
6	SSP	Kg.	210	8.80	1848.00	
7	Land Preparation			LS	1500.00	
8	PP Chemicals			LS	500.00	
9	Irrigation			LS	0.00	
10	Wages	Nos.	80	250.00	20000.00	
11	Misc.			LS	1300.00	
12	Insurance @1.5%				527.93	
	Total:				35723.23	35216.00
				Say=	35723.00	

Total cost per ha :Rs. 35,723.00

Expected production per ha : 10.00 Qtl/Ha.

Expected price :Rs.5,600.00/Qtl

Expected income : Rs. 56,000.00/Ha

Cost Benefit Ratio : 1:1.52

N.B.: 10% variation in input costs may be accepted.

Scale of Finance of different Crops for FY 2020-21

(Cost per hectare)

7) Lentil

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	30	82.00	2460.00	
2	FYM or Compost	Kg.	5000	1.30	6500.00	
3	Rhizobium Culture	Kg.	0.6	50.00	30.00	
4	Phosphatka	Kg.	0.6	50.00	30.00	
5	Urea	Kg.	16	5.90	94.40	
6	SSP	Kg.	165	8.80	1452.00	
7	Land Preparation			LS	1500.00	
8	PP Chemicals			LS	500.00	
9	Irrigation			LS	0.00	
10	Wages	Nos.	80	250.00	20000.00	
11	Misc.			LS	1500.00	
12	Insurance @1.5%				511.00	
				Total	34577.40	33867.00
				Say=	34577.00	

Total cost per ha :Rs. 34,577.00

Expected production per ha : 9.00qtl

Expected price :Rs. 7,800.00/qtl

Expected income : Rs. 60,000.00/Ha

Cost Benefit Ratio : 1: 1.74

1.735257541

N.B.: 10% variation in input costs may be accepted.

8) Rape & Mustard

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Qtls.	10	56.00	560.00	
2	FYM or Compost	Kg.	5000	1.30	6500.00	
3	Azotobacter	Kg.	0.2	50.00	10.00	
4	PSB	Kg.	0.2	50.00	10.00	
5	Urea	Kg.	44	5.90	259.60	
6	SSP	Kg.	165	8.80	1452.00	
7	MOP	Kg.	25	17.80	445.00	
8	Borax	Kg.	10	80.00	800.00	
9	Land Preparation			LS	2500.00	
10	PP Chemicals			LS	1000.00	
11	Irrigation			LS	1000.00	
12	Wages	Nos.	80	250.00	20000.00	
13	Misc.			LS	1000.00	
14	Insurance @ 1.5 %				533.05	
	Total:				36069.65	35359.00
				Say=	36070.00	

Total cost per ha : Rs.36,070.00

Expected production per ha : 11.50qtl/Ha.

Expected price : Rs.5,000.00/qtl

Expected income : Rs.57,500.00/Ha

Cost Benefit Ratio : 1: 1.6

1.59412254

N.B.: 10% variation in input costs may be accepted.

Scale of Finance of different Crops for FY 2020-21

(Cost per hectare)

9) Jute

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	6	78.00	468.00	
2	FYM or Compost	Kg.	5000	1.30	6500.00	
3	Azotobacter	Kg.	0.1	50.00	5.00	
4	Phosphatka	Kg.	0.1	50.00	5.00	
5	Urea	Kg.	33	5.90	194.70	
6	SSP	Kg.	117	8.80	1029.60	
7	MOP	Kg.	42	17.80	747.60	
8	Land Preparation			LS	1500.00	
9	PP Chemicals			LS	2000.00	
10	Irrigation			LS	0.00	
11	Wages	Nos.	170	250.00	42500.00	
12	Misc.			LS	1500.00	
13	Insurance @ 2%				1129.00	
	Total:				57578.90	57061.00
				Say=	57579.00	

Total cost per ha :Rs. 57,579.00

Expected production per ha : 30.00qtl/Ha.

Expected price :Rs. 4,800.00/qtl

Expected income :Rs.1,44,000.00/Ha.

Cost Benefit Ratio :1:2.5

2.500911791

N.B.: 10% variation in input costs may be accepted.

10) Wheat

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	120	28.00	3360.00	
2	FYM or Compost	Kg.	10000	1.30	13000.00	
3	Azotobacter	Kg.	2.4	50.00	120.00	
4	PSB	Kg.	2.4	50.00	120.00	
5	Urea	Kg.	44	5.90	259.60	
6	SSP	Kg.	90	8.80	792.00	
7	MOP	Kg.	30	17.80	534.00	
8	Land Preparation			LS	1500.00	
9	PP Chemicals			LS	500.00	
10	Irrigation			LS	1000.00	
11	Wages	Nos.	100	250.00	25000.00	
12	Misc.			LS	1500.00	
13	Insurance @ 1.50%				715.28	
	Total:				48400.88	47386.00
				Say=	48400.00	

Total cost per ha : Rs. 48,400.00

Expected production per ha : 28.00qtl/Ha.

Expected price : Rs. 2,300.00/qtls.

Expected income : Rs. 64,400.00/Ha.

Cost Benefit Ratio : 1:1.33

N.B.: 10% variation in input costs may be accepted.

Scale of Finance of different Crops for FY 2020-21

(Cost per hectare)

11) Maize

Sl. No.	Item	2020-21				2019-20 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	22.5	89.00	2002.50	
2	FYM or Compost	Kg.	5000	1.30	6500.00	
3	Azotobacter	Kg.	0.5	50.00	25.00	
4	Phosphatka	Kg.	0.5	50.00	25.00	
5	Urea	Kg.	49	5.90	289.10	
6	DAP	Kg.	62	27.50	1705.00	
7	MOP	Kg.	65	17.80	1157.00	
8	Land Preparation			LS	1500.00	
9	PP Chemicals			LS	800.00	
10	Irrigation			LS	1000.00	
11	Wages	Nos.	100	250.00	25000.00	
12	Misc.			LS	1500.00	
13	Insurance @ 1.5%				622.55	
	Total:				42126.15	
				Say=	42127.00	41619.00

Total cost per ha : Rs.42,127.00

Expected production per ha : 50.00qtl/Ha.

Expected price : Rs.1,800.00/qtl

Expected income : Rs.90,000.00/Ha.

Cost Benefit Ratio : 1: 2.14

N.B.: 10% variation in input costs may be accepted.

Subir Neog
29/04/2020
(MR. DEBJIT NEOG)

Astt. Director of Agriculture (SHC)
Guwahati-22

LD
29/04/2020

Joint Director of Agriculture (C&F): Assam
Guwahati-22