

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

No. Agri//Fert/SOF/701/2020-21/.....²⁵

Date: 27.04.2021

From Sri Akash Deep, IAS
Director Agriculture, Assam
Directorate of Agriculture
Khanapara, Guwahati-22

✓ To Sri D. Saikia
Managing Director
DAAA
The Assam Cooperative Apex Bank Limited
Head Office, Panbazar, Guwahati-1

Sub.: Scale of Finance for Field Crops for the year 2021-22.

Sir,

With reference to the subject cited above I am enclosing herewith the Scale of Finance for Field Crops for the Year 2021-22.

This is for favour of your information and needful action.

Encl.: As stated.

Yours faithfully,


(Akash Deep, IAS)
Director of Agriculture, Assam
Khanapara, Guwahati-22

Date: 27.04.2021

Memo No. Agri//Fert/SOF/701/2020-21/.....^{25-A}

Copy to:-

1. P.S. to the Principal Secretary to the Govt. of Assam & APC, Agriculture Department for kind appraisal of Principal Secretary & APC.
2. Office copy.

sd/-
Director of Agriculture, Assam
Khanapara, Guwahati-22

GOVT. OF ASSAM
DIRECTORATE OF AGRICULTURE
KRISHI BHAWAN:: KHANAPARA:: GUWAHATI-22
Scale of Finance of different Crops for FY 2021-22

(Cost per hectare)

1) Summer Paddy (Boro)

Sl. No.	Item	2021-22				2020-21 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	40	42.00	1680.00	
2	FYM or Compost	Kg.	10,000	1.50	15000.00	
3	Azotobacter	Kg.	5	65.00	325.00	
4	PSB	Kg.	5	65.00	325.00	
5	Urea	Kg.	40	6.00	240.00	
6	SSP	Kg.	135	10.00	1350.00	
7	MOP	Kg.	37.5	17.80	667.50	
8	Land Preparation			LS	4000.00	
9	PP Chemicals			LS	1800.00	
10	Irrigation			LS	3600.00	
11	Wages/ Mandays	Nos.	150	250	37500.00	
12	Misc.			LS	2000.00	
13	Insurance @ 1.5%				1027.31	
Total:					69514.81	
Say=					69500.00	66600.00

Total Cost : Rs. 69,500.00
 Expected production per ha : 7.20 MT/Ha.
 Expected price : Rs. 1,868.00/Qtl.
 Expected income : Rs. 1,34,496.00/Ha.
 Cost Benefit Ratio : 1: 1.94

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

2) Winter Paddy (Sali)

Sl. No.	Item	2021-22				2020-21 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	40	42.00	1680.00	
2	FYM or Compost	Kg.	10000	1.50	15000.00	
3	Azotobacter	Kg.	5	65.00	325.00	
4	PSB	Kg.	5	65.00	325.00	
5	Urea	Kg.	40	6.00	240.00	
6	SSP	Kg.	135	10.00	1350.00	
7	MOP	Kg.	37.5	17.80	667.50	
8	Land Preparation			LS	4000.00	
9	PP Chemicals			LS	1500.00	
10	Irrigation			LS	2000.00	
11	Wages/ Mandays	Nos.	150	250	37500.00	
12	Misc.			LS	2000.00	
13	Insurance @ 2.0%				1331.75	
Total:					67919.25	
Say=					67920.00	64990.00

Total cost per ha : Rs. 67,920/-
 Expected production per ha : 6.80 MT/Ha.
 Expected price : Rs. 1,868.00/Qtl.
 Expected income : Rs. 1,27,024.00/Ha.
 Cost Benefit Ratio : 1: 1.87

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

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Scale of Finance of different Crops for FY 2021-22

(Cost per hectare)

3) Autuman Paddy (Ahu)

Sl. No.	Item	2021-22				2020-21 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg	40	42.00	1680.00	
2	FYM or Compost	Kg	10000	1.50	15000.00	
3	Azotobacter	Kg	5	65.00	325.00	
4	PSB	Kg	5	65.00	325.00	
5	Urea	Kg	40	6.00	240.00	
6	SSP	Kg	135	10.00	1350.00	
7	MOP	Kg	37.5	17.80	667.50	
8	Land Preparation			LS	4000.00	
9	PP Chemicals			LS	1500.00	
10	Irrigation			LS	3000.00	
11	Wages/ Mandays	Nos.	140	250	35000.00	
12	Misc.			LS	2000.00	
13	Insurance @ 2%				1301.75	
	Total:				66389.25	
				Say=	66390.00	66520.00

Total cost per ha : Rs. 66,390.00

Expected production per ha : 6.50 MT/Ha.

Expected price : Rs.1,868.00/Qtl

Expected income : Rs. 1,21,420.00/Ha.

Cost Benefit Ratio : 1:1.83

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

4)Hybrid Paddy

Sl. No.	Item	2021-22				2020-21 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg	10	200.00	2000.00	
2	FYM or Compost	Kg	10,000	1.50	15000.00	
3	Azotobacter	Kg	5	65.00	325.00	
4	PSB	Kg	5	65.00	325.00	
5	Urea	Kg	180	6.00	1080.00	
6	SSP	Kg	270	10.00	2700.00	
7	MOP	Kg	75	17.80	1335.00	
8	Land Preparation			LS	4000.00	
9	PP Chemicals			LS	1800.00	
10	Irrigation			LS	4000.00	
11	Wages/ Mandays	Nos.	150	250	37500.00	
12	Misc.			LS	2000.00	
13	Insurance @ 2%				1441.30	
	Total:				73506.30	
				Say=	73506.00	NA

Total Cost : Rs. 73,506.00

Expected production per ha : 8.20 MT/Ha.

Expected price : Rs.1,868.00/Qtl.

Expected income : Rs. 1,53,176.00/Ha.

Cost Benefit Ratio : 1: 2.08

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

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Scale of Finance of different Crops for FY 2021-22

(Cost per hectare)

5) Sugarcane

Sl. No.	Item	2021-22				2020-21 (Rs.)	
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)		
1	Seeds	Qtls.	70	400.00	28000.00		
2	FYM or Compost	Kg.	10000	1.50	15000.00		
5	Urea	Kg.	300	6.00	1800.00		
6	SSP	Kg.	350	8.80	3080.00		
7	MOP	Kg.	100	17.80	1780.00		
8	Land Preparation			LS	6000.00		
9	PP Chemicals			LS	2500.00		
10	Irrigation			LS	2500.00		
11	Wages	Nos.	173	250.00	43250.00		
12	Misc.			LS	3000.00		
13	Insurance @ 5 %				5345.50		
Total:					112255.50		
Say=					112256.00		109850.00

Total cost per ha : Rs. 1,12,256.00

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 : 1:2.85

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

6) Blackgram / Greengram

Sl. No.	Item	2021-22				2020-21 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	22.54	100.00	2254.00	
2	FYM or Compost	Kg.	5000	1.50	7500.00	
3	Rhizobium Culture	Kg.	1	100.00	100.00	
4	PSB	Kg.	1	100.00	100.00	
5	Urea	Kg.	22	6.00	132.00	
6	SSP	Kg.	220	10.00	2200.00	
7	MOP	Kg.	25	17.80	445.00	
8	Gypsum	Kg.	133	28.00	3724.00	
9	Land Preparation			LS	1500.00	
10	PP Chemicals			LS	500.00	
12	Wages	Nos.	80	250.00	20000.00	
13	Misc.				1500.00	
14	Insurance @ 2 %				799.10	
Total:					40754.10	
Say=					40754.00	33922.00

Total cost per ha :Rs. 40,754.00

Expected production per ha : 11.00Qtl/Ha.

Expected price :Rs. 8000.00/Qtl

Expected income :Rs. 88000.00/Ha

Cost Benefit Ratio : 1:2.16

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

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Scale of Finance of different Crops for FY 2021-22

(Cost per hectare)

7) Pea

Sl. No.	Item	2021-22				2020-21 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	60	100.00	6000.00	
2	FYM or Compost	Kg.	5000	1.50	7500.00	
3	Rhizobium Culture	Kg.	1	50.00	50.00	
4	PSB	Kg.	1	50.00	50.00	
5	Urea	Kg.	22	6.00	132.00	
6	SSP	Kg.	287	10.00	2870.00	
	Borax	Kg.	10	80.00	800.00	
7	Land Preparation			LS	1875.00	
8	PP Chemicals			LS	500.00	
10	Wages	Nos.	80	250.00	20000.00	
11	Misc.			LS	1500.00	
12	Insurance @1.5%				619.16	
Total:					41896.16	35723.00
Say=					41896.00	

Total cost per ha :Rs. 41896.00
 Expected production per ha : 10.00 Qtl/Ha.
 Expected price :Rs.6,700.00/Qtl
 Expected income : Rs. 67,000.00/Ha
 Cost Benefit Ratio : 1:1.60

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

8) Lentil

Sl. No.	Item	2021-22				2020-21 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	30	130.00	3900.00	
2	FYM or Compost	Kg.	2500	1.50	3750.00	
3	Rhizobium Culture	Kg.	1.5	50.00	75.00	
4	PSB	Kg.	1.5	50.00	75.00	
5	Urea	Kg.	22	6.00	132.00	
6	SSP	Kg.	220	10.00	2200.00	
	MOP	Kg.	25	17.80	445.00	
7	Land Preparation			LS	1875.00	
8	PP Chemicals			LS	500.00	
10	Wages	Nos.	80	250.00	20000.00	
11	Misc.			LS	1500.00	
12	Insurance @1.5%				516.78	
Total					34968.78	34577.00
Say=					34969.00	

Total cost per ha :Rs. 34,969.00
 Expected production per ha : 9.00qtls
 Expected price :Rs. 8,000.00/qtl
 Expected income : Rs. 72,000.00/Ha
 Cost Benefit Ratio : 1: 2.05

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

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Scale of Finance of different Crops for FY 2021-22

(Cost per hectare)

9) Rape & Mustard

Sl. No.	Item	2021-22				2020-21 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Qtls.	10	100.00	1000.00	
2	FYM or Compost	Kg.	5000	1.50	7500.00	
3	Azotobacter	Kg.	0.4	50.00	20.00	
4	PSB	Kg.	0.4	50.00	20.00	
5	Urea	Kg.	110	6.00	660.00	
6	SSP	Kg.	200	10.00	2000.00	
7	MOP	Kg.	35	17.80	623.00	
8	Borax	Kg.	10	80.00	800.00	
	Gypsum	Kg.	60	25.00	1500.00	
9	Land Preparation			LS	3000.00	
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 %				601.85	
Total:					40724.85	36070.00
Say=					40725.00	

Total cost per ha : Rs.40,725.00

Expected production per ha : 12.00qtl/Ha.

Expected price : Rs.6,000.00/qtl (Excluding price of oil cake)

Expected income : Rs.72,000.00/Ha

Cost Benefit Ratio : 1: 1.77

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

10) Jute

Sl. No.	Item	2021-22				2020-21 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	6	78.00	468.00	
2	FYM or Compost	Kg.	5000	1.50	7500.00	
3	Azotobacter	Kg.	0.3	50.00	15.00	
4	Phosphatka	Kg.	0.3	50.00	15.00	
5	Urea	Kg.	70	6.00	420.00	
6	SSP	Kg.	156	10.00	1560.00	
7	MOP	Kg.	45	17.80	801.00	
8	Land Preparation			LS	1500.00	
9	PP Chemicals			LS	2000.00	
11	Wages	Nos.	170	250.00	42500.00	
12	Misc.			LS	1500.00	
13	Insurance @ 2%				1165.58	
Total:					59444.58	
Say=					59445.00	

Total cost per ha :Rs. 59,445.00

Expected production per ha : 30.00qtl/Ha.

Expected price :Rs. 5,300.00/qtl

Expected income :Rs.1,59,000.00/Ha.

Cost Benefit Ratio :1:2.67

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

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Scale of Finance of different Crops for FY 2021-22

(Cost per hectare)

11) Wheat

Sl. No.	Item	2021-22				2020-21 (Rs.)
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)	
1	Seeds	Kg.	120	28.00	3360.00	
2	FYM or Compost	Kg.	10000	1.50	15000.00	
3	Azotobacter	Kg.	2.4	50.00	120.00	
4	PSB	Kg.	2.4	50.00	120.00	
5	Urea	Kg.	44	6.00	264.00	
6	SSP	Kg.	90	10.00	900.00	
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%				746.97	
Total:					50544.97	
Say=					50545.00	48400.00

Total cost per ha : Rs. 50545.00
 Expected production per ha : 28.00qtl/Ha.
 Expected price : Rs. 2,300.00/qtls.
 Expected income : Rs. 64,400.00/Ha.
 Cost Benefit Ratio : 1:1.27

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

12) Maize

Sl. No.	Item	2021-22				2020-21 (Rs.)	
		Unit	Quantity	Rate (Rs.)	Amount (Rs.)		
1	Seeds	Kg.	20.5	89.00	1824.50		
2	FYM or Compost	Kg.	5000	1.50	7500.00		
5	Urea	Kg.	134	6.00	804.00		
6	SSP	Kg.	250	10.00	2500.00		
7	MOP	Kg.	67	17.80	1192.60		
8	Land Preparation			LS	1875.00		
9	PP Chemicals			LS	1000.00		
10	Irrigation			LS	1000.00		
11	Wages	Nos.	100	250.00	25000.00		
12	Misc.			LS	1500.00		
13	Insurance @ 1.5%				662.94		
Total:					44859.04		
Say=					44890.00		42127.00

Total cost per ha : Rs. 44,890.00
 Expected production per ha : 40.00qtl/Ha.
 Expected price : Rs. 2,000.00/qtl (From Corn only)
 Expected income : Rs. 80,000.00/Ha.
 Cost Benefit Ratio : 1: 1.78

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

Debjit Neog
27/4/24

(Debjit Neog)

Astt. Director of Agriculture (S/S)
 Directorate of Agriculture, Assam
 Khanapara, Guwahati-22

Akash Deep

(Akash Deep, IAS)

Director of Agriculture, Assam
 Khanapara, Guwahati-22