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No. F. 5(33) Agri (S)/2019-20/ 5075-5133
Government of Tripura
Department of Agriculture & Farmers' Welfare

Dated, Agartala, the 21/05/2020

MEMORANDUM

The "Scale of Finance" (SOF) in respect of Agriculture & Horticulture crops, ARDD and Fishery activities for the year 2020-21 has been finalized by the State Level Committee for considering issuance of Kisan Credit Card (KCC) by the Banks with immediate effect until further revision.

Encl: As Stated


(Dr. D.P. Sarkar)
Director of Agriculture
State Nodal Officer for SOF
Tripura

To

1. The Director, Horticulture & Soil Conservation, Govt of Tripura, paradise Chowmuhani, Agartala for information.
2. The Director, Institutional Finance, Gurakhabasti, P.N Complex, Agartala, for information please.
3. The Director, Fisheries, Govt of Tripura, Gurakhabasti, Nehru Complex, Agartala.
4. The Director, ARDD, Govt of Tripura, Gurakhabasti, Nehru Complex, Agartala
5. The General Manager, NABARD, Tripura Regional Office, TIDC Complex, Agartala.
6. The DGM & Circle Head, Agartala Circle, (SLBC Convener), Punjab National Bank, Durgabari Road, Agartala.
7. The General Manager, (North) State Bank of India, Near Chandramahal, Agartala.
8. The General Manager, (South) State Bank of India, Bijoy Kr Chowmahani, Agartala.
9. The Chairman, Tripura Gramin Bank, Head Office, Abhoynagar, Agartala.
10. The Managing Director, Tripura State Co-Operative Bank Head Office, Agartala.
11. The Joint Director of Agriculture, SARS, A.D. Nagar, Tripura
12. The Soil Survey Officer, Directorate of Horti & SC, Paradise Chow, Agartala.
13. The Dy. Director of Agriculture (S&QC), Directorate of Agri & FW, Agartala.
14. The Dy. Director of Agriculture (Seed), Directorate of Agri & FW, Agartala.
15. The Dy. Director of Agriculture, SARS, A.D. Nagar, Tripura
16. The Dy. Director of Agriculture, North Tripura, District for information & circulation to all SAs, & Sector Officers under the respective Jurisdiction.
17. The Dy. Director of Agriculture, Unokuti District for information & circulation to all SAs, & Sector Officers under the respective Jurisdiction.
18. The Dy. Director of Agriculture, Dhalai District for information & circulation to all SAs, & Sector Officers under the respective Jurisdiction.
19. The Dy. Director of Agriculture, Khowai District for information & circulation to all SAs, & Sector Officers under the respective Jurisdiction.

20. The Dy. Director of Agriculture, West Tripura District for information & circulation to all SAs, & Sector Officers under the respective Jurisdiction.
21. The Dy. Director of Agriculture, Sepaijala District for information & circulation to all SAs, & Sector Officers under the respective Jurisdiction.
22. The Dy. Director of Agriculture, Gomati District for information & circulation to all SAs, & Sector Officers under the respective Jurisdiction.
23. The Dy. Director of Agriculture, South Tripura District for information & circulation to all SAs, & Sector Officers under the respective Jurisdiction.
24. The Nodal Officer, IT, Directorate of Agri & FW, for uploading in the portal of Department portal.
25. The Chief Manager, UCO, Central Road, Kaman Chowmahani, Agartala.
26. The Sr. Manager, CBI, Central Road, opposite Kolkata Bazaar, Agartala.
27. The Chief Manager, Allahabad Bank, H.G.B Road, Agartala.
28. The Br. Manager, Andhra Bank, Old Thana Road, Agartala.
29. The Br. Manager, Axis Bank, Welcome Palace, Agartala.
30. The Br. Manager, Bank of Borada, HGB Road, Kaman Chow, Agartala.
31. The Br. Manager, Bank of India, BK Road, Agartala.
32. The Br. Manager, Bank of Maharashtra, Nagerjala, Agartala.
33. The Chief Manager, Canara Bank, BK Road near Rajdhani Hotel, Agartala.
34. The Br. Manager, HDFC Bank, Netaji Chow, Agartala.
35. The Br. Manager, Indian Bank, HGB Road, Agartala.
36. The Cluster Br. Manager, ICICI Bank, HGB Road, Agartala.
37. The Br. Manager, IDBI Bank, HGB, Near Mahendra Basratralay, Agartala.
38. The Chief, Manager, Indian Overseas Bank, Old Motor Stand Agartala.
39. The Br. Manager Indusland Bank, Mantribari road, Agartala.
40. The Br. Manager Punjab & Sind Bank, Central Road, Agartala.
41. The Sr. Manager Syndicate Bank, Dugrabari Road, Agartala.
42. The Br. Manager South Indian Bank, Amulya Market, Agartala.
43. The Chief Manager, Union Bank, HGB Road, Agartala.
44. The Br. Manager, OBC Bank, HGB Road, Agartala.
45. The Chief Manager, Vijaya Bank, Central Road, Agartala.
46. The Br. Manager Yes Bank, Netaji Subhas Road, Agartala.
47. The Br. Manager Kotak Mahindra Bank, HGB Road, Agartala.
48. The Manager, Federal Bank, Jaganathbari Road, Agartala.
49. The General Manager, TCARDB Bank, Office Lane, Agartala.

Copy to:

1. The PS to the Addl. Chief Secretary (Agri), Tripura for kind appraisal of the ACS, Agri.
2. The District Magistrate & Collector, North Tripura / Unokuti / Dhalai / Khowaja / West Tripura / Sepaijala / Gomati & South Tripura District, Tripura

D.P. Sarkar
20/5/2020

(Dr. D.P. Sarkar)
Director of Agriculture
State Nodal Officer for SOF
Tripura

SCALE OF FINANCE ON MAJOR AGRICULTURAL & HORTICULTURAL CROPS FOR THE YEAR 2020-21.

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SL. NO.	Name of the crop	COST OF CULTIVATION 2020-21.(Rs.) Per Ha.	Scale of Finance (Rs per Ha)			Benchmark (yield Kg per Ha).	Gross Return (Rs.) per Ha	Net Return (Rs.) per Ha	BC Ratio
			Cost of Inputs	Cost of labour	Total				
Agricultural crops									
1	Paddy	80897	21617	47424	69041	5000	90750	9853	1.12
2	Wheat	51942	17769	27960	45729	2500	62500	10558	1.20
3	Maize	51942	17742	27960	45702	3000	75000	23058	1.44
4	Sugarcane	171464	51464	96600	148064	60000	420000	248536	2.45
5	Ground Nut	86437	27278	47928	75206	1800	99000	12563	1.15
6	Rape/Mustard	40015	8935	25464	34399	950	52250	12235	1.31
7	Pulses	45411	24154	18036	42190	763	58829	18988	1.30
Horticultural crops									
1	Potato	108248	52288	44928	97216	18100	181000	72752	1.67
2	Cauliflower	131999	73359	47408	120767	18000	180000	48001	1.36
3	Brinjal	120764	68364	42416	110780	20000	240000	119236	1.99
4	Tomato	173180	114540	47408	161948	24260	363900	190720	2.10
5	Water Melon	168156	137908	24694	162602	25770	450000	281844	2.68
6	Other Vegetables	114869	69341	42400	111741	19000	311878	215333	2.72
7	Marigold	228923	104483	101040	205523	13500	297000	68077	1.30
8	Tube Rose	500797	337358	132240	469598	18500	1156250	655453	2.31
9	Gladiolus	642202	447562	157200	604762	225000	1170000	527798	1.82
10	Mango	82262	29861	42416	72277	6000	180000	97738	2.19
11	Banana	125704	63944	49904	113848	30000	651000	525296	5.18
12	Guava (Highdensity)	106421	66501	32432	98933	6000	180000	73579	1.69
13	Papaya	121261	45461	61136	106597	40000	600000	478739	4.95
14	Musambi	90848	31584	47907	79491	18000	720000	629152	7.93
15	Lime/Lemon	91576	23577	54896	78473	16000	320000	228424	3.49
16	Orange	98392	30392	54896	85288	18000	540000	441608	5.49
17	Litchi	60006	16030	35677	51707	6000	300000	239994	5.00
18	Pineapple	128414	58854	56144	114998	30000	490000	361586	3.82
19	Ginger	153435	94463	47740	142203	8000	560000	406565	3.65
20	Turmeric	141825	76613	52732	129345	8000	280000	138175	1.97
21	Betel Vine	142862	72242	41820	114062	1353000	400000	257138	2.80

Prepared by *[Signature]*

Checked by *[Signature]*

[Signature]
(Dr. D. P. Sarkar)
Director of Agriculture
Tripura

UNIT COST ESTIMATE FOR COMPOSITE FISH CULTURE FOR 12 MONTHS CULTURE PERIOD IN PERRENIAL WATER BODIES
(Financial year 2020-21)

Unit Area-0.16 Ha.

Sl. No.	Item of expenditure	Quantity of inputs	Rate of inputs	Total amount (In Rs.)
1	Renovation of old pond (Dewatering of water, De-siltation of pond bottom and maintenance of embankment)	--	Lump-sum (Labour cost)	16000/-
2	Quick lime (Basal dose & monthly dose)	80 Kg.	Rs. 15/- per Kg. (As per prevailing market rate)	1200/-
3	Cow dung (Manure for basal & monthly dose)	1000 kg	Lump-sum	1000/-
4	Mustard Oil cake (Manure) (Basal dose & monthly)	100 Kg.	Rs.32/- per Kg. (As per prevailing market rate)	3200/-
5	MC Fish seed of 50 gm size (including transportation charge)	1200 nos. (Survival 90%)	Rs.20/- per no. (As per prevailing market rate)	24000/-
6	Pellet Fish feed floating & sinking (conversion ratio 1.5)	1493.1 kg	Rs.30/- per Kg. (As per prevailing market rate)	44793/-
7	Medicines etc.	--	Lump-sum	600/-
8	Total (Expenditure)			90793/-

Expected Fish Production

Sl no	Species	Stocked (in nos)	Survival (90%)	Growth in year (gram/Sps) approx	Production (in gram)
1	Catla	300	270	1500	405000
2	Rohu	360	324	800	259200
3	Mrigal	200	180	500	90000
4	Carpio	200	180	800	144000
5	SilvarCarp	140	126	1200	151200
	TOTAL	1200	1080		1049400
					=1049.4 Kg

Cost Benefit Analysis

Fish Production	1049.4 kg
Expenditure (A)	Rs. 90793/-
Income from sale of fishes (B) (@ Rs.200/- per Kg. approx as per market rate)	Rs. 209880/-
NET INCOME (B-A)	Rs. 119087/-
Benefit- Cost Ratio (BCR)	1.311632

Note:-

- The cost of minor renovation/repairing of pond dykes & dewatering of pond (as per requirement) has been included in the project cost.
- All the fish feed items are available in Tripura Apex Fisheries Cooperative Society Ltd. collegetilla Agartala/ local market as per above mentioned rate.
- Fish seeds are available with Fishery based entrepreneurs in all the sub-divisions of the state throughout the year.
- There are readily available fish market/fish consumers across the state.
- The fish disposal rate/market rate of fishes shown in the column above @ Rs.200/- per Kg. is as per Govt. approved rate taken in average for Major carp fish sizes below 1 Kg. up to 2 Kg.

Handwritten signature and date: 15/5/2020
N.G. NOATIA
Suptd. of Fisheries (C&D)
Dept. of Fisheries, Tripura
99086

Handwritten signature and date: 15/5/2020
FOCO

Handwritten signature and date: 15/5/2020
SMT. D. ROY
Fisheries (Plan)

**SCALE OF FINANCE FOR FISHERIES SCHEME FOR THE YEAR 2020-21 FOR 12 MONTHS CULTURE
PERIOD IN PERENNIAL WATER BODIES**

Name of the Scheme	Cost of cultivation 2020-21 (Rs.)	Scale of Finance (Rs. Per 0.16 ha water bodies/unit)			Expected yield from perennial water bodies (as per local production of fish in Tripura Kg/ha/yr)	Gross return (Rs.)	Net return (Rs.)	BC ratio
		Cost of inputs (Rs.)	Cost of labour at prevailing rate (80% of total labour)	Total (Rs.)				
1	2	3	4	5	6	7	8	9
Composite fish culture	90,793	74,793	12,800	87,593	1049	209880	119087	1.311

22/10/2020
15/10/2020
Suptd. of Fisheries (C&D)
 Directorate of Fisheries, Tripura
 D.D.C. Code No-09086

Smt. Dis/20
FOLCO

15/10/20

15/10/2020
(SMT. D. ROY)
 Suptd. of Fisheries (Plan)
 Directorate of Fisheries,
 Agartala, Tripura (W).

SCALE OF FINANCE FOR DIFFERENT ANIMAL HUSBANDRY ACTIVITIES FOR THE YEAR 2020-2021

SL. NO	Name of Activity	Per unit size	Working capital cost per unit for one month or per batch(Scale of Finance)						Gross Income (in Rs) per month /batched	Net income (in Rs) per month or per batch	Gross income per year	Net income per year	
			Cost of chick (in Rs)	Cost of feed/unit /month or per batch (in Rs)	Cost of Veterinary Aid/unit/month or per batch(in Rs)	Insurance(in Rs)	Electricity (in Rs)	Part time Labour (in Rs)					Total working capital cost(in Rs)
1	Duck rearing	50 no's bird	-	5,400/-	250/-	-	-	2250/-	7,900/-	12600/-	4,700/-	Rs.151200/	Rs.56400/
2	Broiler poultry rearing	1000 no's bird	45,000/-	1,20,000/-		5000/-		6300/-	1,76,300/-	193500/-	17,200/-	1354500/	1,20,400/
3	Pig farming (cross bred/Improved bred)	(3 F+1 M)	-	7980/	200/	600/	-	-	8780/	-	-	Rs.170160/	Rs.64800/
4.	Milch cow rearing	1 no cow	Repairing of cattle shed component has been included under working capital cost & other component will be remained same as fixed during 2019-20.										


 (D.K Chakma)
 Director

Animal Resources Development

ANNEXURE-A

WORKING CAPITAL COST FOR 50 (Fifty) NOS LAYER DUCK FOR ONE MONTH PERIOD

Assumption:

1. Feed requirement per duck @120 gm/day
2. Cost of feed including transportation @Rs.30/-per Kg.
3. Number of egg production per duck per year 280 Nos.
4. Daily 70 % duck in production.
5. Selling price of egg @ Rs.12/egg.
6. Part time labour cost @Rs.75/day considering per day agriculture labour wages Rs.300/ all India as per the Price policy Report of Commission for Agriculture Cost and Price, the marketing Season 2019-20.

A) OPERATIONAL COST OF 50 NOS LAYER DUCKS FOR ONE MONTH PERIOD.

Sl. No.	Particulars	Amount in Rs.
1	Feed for 50 birds @ 120gm/day/bird , 180kg/month @ Rs. 30 per kg	5400/-
2	Misc. Cost of Expenditure on medicines etc. (insurance, litter, electricity, water) @ Rs. 5 per bird/month	250/-
	Labour charge (Part time) @Rs.75 per day for one month	2,250/-
	Total	7,900/-

(Total operational cost Rupees seven thousand nine hundred only)

B) GROSS RETURNS PER MONTH

Sl. No.	Particulars	Amount in Rs.
1	By sale of 35 Nos. eggs x 30 days = 1050 nos. eggs, @ Rs. 12(considering 70 % female in production i.e. 35 no's eggs per day))	12,600/-
	Total	12,600/-

C) TECHNO-ECONOMICS ANALYSIS FOR ONE MONTH

Sl. No.	Particulars	Amount in Rs.
1	Gross returns in one month	12,600/-
2	Operational cost for one month	7,900/-
	Net Returns per Month	4700/-

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WORKING CAPITAL FOR ONE BATCH BROILER BIRD UNIT WITH AN OUTFLOW OF 1000 NOS BIRD.

ASSUMPTION:

1	Batch strength	1000 No's
2	Birds purchased per batch	1000 Nos
3	Birds considered for recurring expenditure	1000 Nos
4	Floor space per bird (s.ft)	1
6	Cost of day old chick (Rs. Per bird)	Rs. 45.00
7	Cost of feed (average price Rs. Per kg)	Rs. 40.00
9	Misc. Expenditure on medicines etc. (saw dust, electricity, water) per bird.	Rs. 5.00
10	Feed requirement per bird (kg)	3 kg
11	Live weight of bird (kg per bird)	1.6kg
12	Selling price of live birds per kg	Rs. 125.00
13	Batches to be reared per annum(nos)	7

OPERATIONAL COST FOR ONE BATCH:

Sl. No.	Particulars	Amount in Rs.
1	Cost of 1000 DOC @ Rs.45 per chick	45000.00
2	Feed for 1000 birds @ 3 kg per bird = 3000kgs @ Rs. 40 per kg	120000.00
3	Misc. Expenditure on medicines etc. (insurance, saw dust, electricity, water) @ Rs. 5 per bird.	5,000.00
4	Part time labour cost @ Rs.150/day for 42 days Rs. 6300/	6300
	Total	1,76,300

(Total operational cost is Rupees one lakh seventy six thousand three hundred only) per batch.

GROSS RETURNS PER BATCH

Sl. No.	Particulars	Amount in Rs.
1	By sale of 950 broiler bird (5% mortality margin) after 35 days, each weight about 1.6 kgs = 1520 kgs @ Rs. 125 per kg (Avg. Cost)	1,90,000.00
2	By sale of empty Gunny bags and mature lump sum.	3,500.00
	Total	193,500

TECHNO-ECONOMICS ANALYSIS FOR ONE BATCH

Sl. No.	Particulars	Amount in Rs.
1	Gross returns per batch	193500.00
2	Operational cost of per batch	176300.00
	Net Returns per batch	17,200.00

TECHNO-ECONOMICS ANALYSIS FOR ONE YEAR

Sl. No.	Particulars	Amount in Rs.
1	Gross returns per year(considering 7 nos batch per year)	1354500
2	Operational cost of per year	1234100
	Net Returns per batch	120400/

ANNEXURE-C

Working Capital cost for Pig breeding (Cross breed/improved breed) with unit size of 4 no pig (3 sow+1 Boar)

Assumptions:-

1. Feed requirement of breeding boar @ 2.0kg/head /day
2. Feed requirement of lactating sow @ 2.5 kg/head /day
3. Cost of feed including transportation @Rs.35/-per Kg.
4. Numbers of piglet per sow/weaning -8.
5. Litter will be sold after weaning.
6. Expected farrowing number is 1.5 per year.
7. After one month of weaning the piglets, all the sows are expected to be pregnant.
8. Mortality up to @ 5 % till weaning.
9. Insurance charge 6% of the value of the adult animal. [Lump sum].

A Operational cost /Working Capital cost						
Monthly						Yearly
	Cost of feed	Requirement of feed/day	Quantity	Rate	Total Per month	Total per year.
1	Concentrate feed	@2kg/boar/day @2.5kg/sow/day	228 kg considering 20% supplementation with tapioca & kitchen waste.	@Rs.35/per kg.	Rs.7980/	Rs.95760/
2	Veterinary Aid & miscellaneous expenditure			@Rs.50/pig/month	Rs.200/	Rs.2400/
3	Cost of Insurance	6% of the total value of pigs.(Annually)	4 no's	@Rs.2100/adult pig /year @Rs.150/pig/month	Rs.600/	Rs. 7200/
Total					Rs.8780/	1,05360/

Working capital cost per month Rupees eight thousand seven hundred only)

B. Gross returns per unit/year

Sl. no	Particulars	Total Amount
1	Sale of piglet 34 no's (considering 12 no piglet/sow/farrowing/year & 5 % piglet mortality up to weaning) @ Rs 5000/ piglet.	Rs. 170,000/
2.	Sale of manure	Rs.160
Return Total		Rs .170160/

C. Net returned per unit/year

Sl.No	Particulars	Total Amount
1.	Gross returns per year	Rs. 170160/
2.	Operational cost /Working Capital/year	Rs. 1,05360/
Total Net Return per year		Rs. 64800/

SCALE OF FINANCE FOR 01 NO. COW FOR 1 MONTH DURING LACTATION PERIOD FOR THE YEAR 2020-20

Working capital for 01 no. Cow for 1 month during lactation period

Assumption:

1. Cost of green fodder:- Rs. 2.00 Per kg
2. Cost of dry fodder:- Rs. 2.000 per kg
3. Cost of concentrate ration:- Rs. 30.33 per kg.
4. Selling price of milk:- Rs. 40.00 per lit.

Milk yield (in lit per cow) per day	No of cow	Working capital for 01 no. Cow for 1 month during lactation period.						Gross Income/ month (in Rs.)	Net Income /month (in Rs.)
		Feed In Rs.	Insurance In Rs.	Veterinary. Aid in Rs	Labour(pa rt time) in Rs.	Cattle shed repairing cost	Total working capital cost in Rs.		
10	1	4810	800	600	1800	Repairing cost of cattle shed will determine based on self estimate of owner not exceeding to Rs.20,000/(Rupees twenty thousand)only	8010	12000	3990
9	1	3960	800	600	1800		7160	10800	3640
8	1	3660	700	500	1200		6060	9600	3540
7	1	3420	600	500	1200		5720	8400	2680
6	1	2910	600	500	1200		5210	7200	1990
5	1	2400	-	500	-		2900	6000	3100
4	1	1500	-	400	-		1900	4800	2900
3	1	1200	-	300	-		1500	3600	2100
2	1	900	-	200	-		1100	2400	1300
1	1	600	-	100	-		700	1200	500