

Proposal/suggestion for Unit Cost of Investment activities under Farm Sector for Madhya Pradesh for 2018-19

Sr. No	Activity	Unit Size	Unit Cost 2017-18 (Rs)	Proposed/suggestive Unit Cost for 2018-19	Repayment period upto
A ANIMAL HUSBANDRY					
1	Cow (Desi)	2 animals	78100	84200	7 years
2	Cow (Crossbred)	2 animals	132400	169500	7 years
3	Buffalo (graded murah)	2 animals	149200	194000	7 years
4	Mini dairy unit (GMB)	5 animals	461700	573200	7 years
5	Mini dairy unit (GMB)	10 animals	873000	1099000	7 years
6	Heifer buffalo (1 yr. old)	1 animal	47500	47500	7 years (Including one year gestation period)
7	Heifer buffalo (3 yr. old)	1 animal	--	60500	7 years (Including one year gestation period)
8	Electric Chaff Cutter	1 unit	45800	45800	7 years
9	Hand Chaff Cutter	1 unit	9500	9500	7 years
10	Salvaging of male buffalo calves	25 calves		5,40,100	6 years (Including one year gestation period)
B POULTRY FARMING					
1	Commercial poultry farm (broilers)	2000 birds	757100	7,57,100	7 years
3	Poultry Rearing	100LIT Birds	--	33700	7 years
C ANIMAL HUSBANDRY					
1	Goatery	10 + 1	84700	84700	6 years (Including one year gestation period)
2	Sheep	10 + 1	71600	71600	6 years (Including one year gestation period)
3	Rabbit unit	10 + 3	236300	236300	6 years (Including one year gestation period)
4	Piggery	3+1	83100	83100	6 years (Including one year gestation period)
5	Piggery	20 +4	630000	630000	6 years (Including one year gestation period)
D WATER RESOURCES					
1	Dug well (hard rock) 5 mtr width/ 12mtr depth	1	112900	112900	11 years (Including gestation period of 23 months)
2	Dug well (Alluvial) 5mtr width/12mtr depth	1	83250	83250	11 years (Including gestation period of 23 months)
a) Bore well					
1	i) 30 metre depth with diameter-162-175mm	1	23400	23400	11 years (Including gestation period of 11 months)
2	ii) 50 metre depth with diameter -162-175mm	1	32100	32100	11 years (Including gestation period of 11 months)
3	iii) 80 metre depth with diameter-162-175mm	1	45500	45500	11 years (Including gestation period of 11 months)
b) Tube well					
1	i) 50 metre depth with diameter-162-175mm	1	107000	107000	11 years (Including gestation period of 11 months)
2	i) 80 metre depth with diameter-162-175mm	1	169700	169700	11 years (Including gestation period of 11 months)
c) Pump Sets					
1	1 HP	1 HP	6000	6000	7 years (Including gestation period of 11 months)
2	3 HP	3 HP	11000-15800	11000-15800	7 years (Including gestation period of 11 months)
3	5 HP	5 HP	30000-41200	30000-41200	7 years (Including gestation period of 11 months)
4	8 HP	8 HP	32500-46500	32500-46500	7 years (Including gestation period of 11 months)
d) Submersible pumpsets					
1	3 HP	3 HP	13000-25300	13000-25300	7 years (Including gestation period of 11 months)

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2	5 HP	5 HP	15000-28500	15000-28500	7 years (Including gestation period of 11 months)
3	6 HP	6 HP	15500-30200	15500-30200	7 years (Including gestation period of 11 months)
4	8 HP	8 HP	19500-32400	19500-32400	7 years (Including gestation period of 11 months)
5	10 HP	10 HP	22000-35300	22000-35300	7 years (Including gestation period of 11 months)
e) Generators					
1	5 KVA	5 KVA	50000	50000	9 years (Including gestation period of 11 months)
2	7.5 KVA	7.5 KVA	54000	54000	9 years (Including gestation period of 11 months)
3	10 KVA	10 KVA	61000	61000	9 years (Including gestation period of 11 months)
4	Alternators	Per unit	35000	35000	9 years (Including gestation period of 11 months)
5	Pipeline	1 ha.	19300	19300	9 years (Including gestation period of 06-11 months)
6	Drip irrigation	1 ha.	60000-120000	60000-120000	9 years (Including gestation period of 11 months)
7	Sprinkler set-HDPE	1ha. model	46200	46200	9 years (Including gestation period of 06 months)
8	Sprinkler set -Steel	1 ha model	71400	71400	9 years (Including gestation period of 06 months)
9	Lift irrigation	1 ha.	140000	140000	9 years (Including gestation period of 11 months)
10	Renovation of dug well		35000	35000	11 years (Including gestation period of 6-11 months)
11	Rain water harvesting structure-Farm pond (black soil)	825 cubic meter	80000	80000	9 years (Including gestation period of 06 months)
E PLANTATION & HORTICULTURE					
a) Fruit Crops					
1	Mango (7.5m x 7.5m)	Ha	134400	134400	12-15 years (including 6-7 yrs gestation)
2	Mango High Density (5m x 5m)	Ha	278700	278700	12-15 years (including 6-7 yrs gestation)
3	Banana (2.1 m x 2.1 m)	Ha	134300	134300	3 years (including 6 months gestation)
4	Papaya (2.25 m x 2.25m)	Ha	97500	97500	3 years (including 1 yrs gestation)
5	Guava (5 m x 5 m)	Ha	118700	118700	10-15 years (including 4-5 yrs gestation)
6	Lemon (6 m x 6 m)	Ha	144200	144200	10-15 years (including 5-7 yrs gestation)
7	Orange (6m x 6 m)	Ha	144200	144200	10-15 years (including 5-7 yrs gestation)
8	Ber (6 m x 8 m)	Ha	29500	29500	10-15 years (including 4-5 yrs gestation)
9	Pomegranate (4 m x 4 m)	Ha	145800	145800	10-15 years (including 5-6 yrs gestation)
10	Aonla (6 m x 6 m)	Ha	104800	104800	7 years (including 5 yrs gestation)
11	Sapota (8m x 8 m)	Ha	97700	97700	10-15 years (4 yrs gestation)
12	Grapes (4 m x 4 m)	Ha	382900	382900	8 years (including 1 yrs gestation)
13	Betel leaf	Ha	120000	120000	5-10 years (1 yrs gestation)
b) Floriculture					
1	Cut flowers	Ha	223300	223300	8 years (including 6 months gestation)

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2	Bulbs	Ha	260400	260400	8 years (including 6 months gestation)
3	Loose flowers	Ha	162300	162300	8 years (including 6 months gestation)
5	Poly House (Naturally Ventilated System)	1000 sq mtr	935000	935000	5 years (including 06 month gestation)
6	Shade Net House (Tubular Structure)	1000 sq mtr	710000	710000	5-7 years (including 06 month gestation)
7	Bird Net	1000 sq mtr	71000	71000	5-7 years (including 06 month gestation)

F FARM MECHANISATION

a) New Tractors					
1	15 HP	1 unit	240000	240000	9 years (including 6 month gestation)
2	30 HP	1 unit	500000	500000	9 years (including 6 month gestation)
3	35 HP	1 unit	550000-600000	550000-600000	9 years (including 6 month gestation)
4	40 HP	1 unit	600000-675000	600000-675000	9 years (including 6 month gestation)
5	45 HP	1 unit	660000-810000	660000-810000	9 years (including 6 month gestation)
6	50HP	1 unit	745000-820000	745000-820000	9 years (including 6 month gestation)
7	60 HP	1 unit	8.00 to 8.20 lakh	8.00 to 8.20 lakh	9 years (including 6 month gestation)
8	75 HP	1 unit	Rs. 11.75 lakh	Rs. 11.75 lakh	9 years (including 6 month gestation)
9	90 HP	1 unit	Rs 15.75 lakh	Rs 15.75 lakh	9 years (including 6 month gestation)
b)	Old tractors	1 unit	273000-446250	273000-446250	9 years (including 6 month gestation)
c)	Combine harvester	1 unit	1795000	18.00 - 22.00 lakh	9 years (including 6 month gestation)
d)	Power tiller	1 unit	200000	200000	9 years (including 6 month gestation)
e)	Thresher (8 to 15 Q/hr.)	1 unit	--	1.50 - 2.50 lakh	9 years (including 6 month gestation)
f)	Thresher (16 to 25 Q/hr.)	1 Unit	--	3.25 - 3.60 lakh	9 years (including 6 month gestation)
g)	Rotavator (5ft to 7ft)	1 unit	95000-120000	80000-120000	9 years (including 6 month gestation)
h)	Potato planter	1 unit	94500	65000-95000	9 years (including 6 month gestation)
i)	Paddy Transplanter (4 row)	1 unit	150000-250000	150000-225000	9 years (including 6 month gestation)
j)	MB plough (2 bottom)/Disc Plough (2 disc)	1 unit	35000-55000	35000-55000	9 years (including 6 month gestation)
k)	Reversible plough (2 bottom mechanical)	1 unit	45000-55000	50000-65000	9 years (including 6 month gestation)
l)	Reversible plough (2 bottom hydraulic)	1 unit	70000-85000	65000-85000	9 years (including 6 month gestation)
m)	Cultivator (11 tynes)	1 unit	25000-35000	32000-40000	9 years (including 6 month gestation)
n)	Harrow (7/11 disc)	1 unit	50000-75000	50000-75000	9 years (including 6 month gestation)
o)	Power harrow	1 unit	160000-180000	130000-180000	9 years (including 6 month gestation)
p)	Seed drill (9-13 tyne - single box)	1 unit	30000-35000	35000-55000	9 years (including 6 month gestation)
q)	Seed Cum fertilizer drill (9-13 tynes - double box)	1 unit	40000-60000	40000-60000	9 years (including 6 month gestation)
r)	Seed Cum fertilizer drill (9-11 tynes)	1 unit	55000-60000	55000-65000	9 years (including 6 month gestation)

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s)	Raised bed Planter with inclined plate hopper and shapper (4-6 row)	1 unit	85000-95000	90000-120000	9 years (including 6 month gestation)
t)	Raised bed Planter (4-6 row)	1 unit	85000-95000	75000-85000	9 years (including 6 month gestation)
u)	Straw Reaper	1 unit	225000-275000	250000-300000	9 years (including 6 month gestation)
v)	Reaper Cum Binder (Tractor mounted 3/4 wheel)	1 unit	280000-450000	280000-450000	9 years (including 6 month gestation)
w)	Laser Land Leveler	1 unit	450000	450000	9 years (including 6 month gestation)
x)	Mulcher	1 unit	--	175000-200000	9 years (including 6 month gestation)
y)	Shredder	1 unit	--	160000-200000	9 years (including 6 month gestation)
z)	Hey Rake	1 unit	--	250000-350000	9 years (including 6 month gestation)
aa)	Baler (Round)	1 unit	--	350000-450000	9 years (including 6 month gestation)
ab)	Baler (Square)	1 unit	--	100000-1700000	9 years (including 6 month gestation)
FISHERY DEVELOPMENT					
1	Construction of new fish pond - Intensive fish culture	Per ha.	850000	8,50,000	7 years (including one year gestation)
2	Renovation of existing fish pond	Per ha.	200000	200000	7 years (including one year gestation)
3	Fresh water fish culture	Per ha.	150000	150000	7 years (including one year gestation)
4	Re-circulatory Aquaculture Systems (RAS)	Per ha.	5000000	53,64,000	7 years (including one year gestation)
5	Fish Seed Rearing Unit	Per ha.	600000	7,50,000	7 years (including one year gestation)
6	Establishment of fish seed hatcheries	Per ha.	2500000	30,00,000	7 years (including one year gestation)
7	Establishment of fish feed Mills/Plants	01-05 qtls/day	10,00,000	10,00,000	7 years (including one year gestation)
8	Setting up of Mobile/Retail fish outlet	per kiosk	10,00,000	10,00,000	7 years (including one year gestation)
9	Cage culture	96 cubic meter		3,00,000	7 years (including one year gestation)
H LAND DEVELOPMENT					
1	Land levelling (av.slope 2%)	Per ha.	20500	20500	7 years (Including gestation period of 11 months)
2	NADEP/Vermi Compost	3 tonne capacity	23400	23400	5 years (Including gestation period of 11 months)
3	Vermi hatchery	150 MT/yr.	745500	745500	5 years (Including gestation period of 11 months)
4	Tiny vermi compost unit	1.8 tonne	25700	25700	5 years (Including gestation period of 11 months)
5	Reclamation of soil (saline/Alkaline)	Per ha.	31500- 81900	31500- 81900	7 years (Including gestation period of 11 months)
6	Watershed development (Post development treatment)	Per ha.	65100	65100	7 years (Including gestation period of 11 months)
I AGRO FORESTRY					
1	Bamboo Cultivation	Per ha.	136000	136000	7 years (including gestation period of 11 months)
J OTHER INVESTMENTS					
1	Biogas unit	1 cub mtr	16300	16300	5 years (including 06 month gestation)
		2 cub mtr	25000-32000	25000-32000	5 years (including 06 month gestation)
		3 cub mtr	30000-44000	30000-44000	5 years (including 06 month gestation)
		4 cub mtr	36000-49000	36000-49000	5 years (including 06 month gestation)

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		6 cub mtr	42000-57000	42000-57000	5 years (including 06 month gestation)
		Prefab. portable	27300	27300	5 years (including 06 month gestation)
Sericulture					
1	Mulberry Plantation and silk worm rearing	1 Acre	365000	365000	5 years
2	Establishment of chawki rearing unit	2 Acre	800000	800000	7 years
3	Others – Bullock	1 Pair	50000	50000	
4	Bullock carts (Pneumatic tyres)	1	54600	54600	