

Cost of Production Honey Report by Region

2024

Done by:
Agricultural Economic
Planning Section



Region	South Eastern		
Enterprise	BEEKEEPING		
Number of Colonies	50		
Man-Day Charge (Excluding Lunch)	\$5,000		
Projected Marketable Yield (Kg)	1,360	952	1,632
Cost of Production \$/Kg	\$783	\$1,118	\$652

Operating Cost - Labour	Unit	No. of Units	Cost/Unit	Total Cost
General Apiary Work	MD	48	5,000	240,000
Apiary Maintenance	MD	6	7,500	45,000
Honey Extraction	MD	4	10,000	40,000
Post-Harvest Care	MD	4	5,000	20,000
SUBTOTAL				345,000
Operating Cost - Material	Unit	No. of Units	Cost/Unit	Total Cost
Bees (Replacement Bees)	Queen	25	3,000	75,000
Foundation Wax	Lb	50	3,500	175,000
Feed (Sugar)	Bag (50kg)	3	10,500	31,500
Pest & Disease Control	Per Treatment	1	3,250	3,250
Poly Bags	Pack	2	350	700
Food Grade Buckets with Cover	5 Gallons	25	1,500	37,500
SUBTOTAL				322,950

Fixed Costs (Depreciated)	Useful life	No. of Units	Cost/Unit	Annual Depreciation
Hive with Bees (Single)-Amortization	10	50	25,000	125,000
Hive Bodies with Frames	10	100	5,400	54,000
Hive Cover	10	10	1,300	1,300
Building (Tent)	5	1	34,000	6,800
Fencing	10	1	32,000	3,200
Hive Stand	5	10	8,500	17,000
Protective Clothing	5	2	6,600	2,640
Gloves	5	2	7,000	2,800
Smoker	10	2	18,000	3,600
Hive Tool	10	2	2,500	500
Honey Gate	5	1	2,500	500
Bee Brush	5	2	1,700	680
Uncapping Knife	10	1	5,000	500
Uncapping Tank (Small)	5	1	38,000	7,600
Queen Excluder	10	50	700	3,500
Extractor (Manual, 4-Frame)	10	1	190,000	19,000
Storage Drums (55 Gallon)	10	2	20,000	4,000
Insect Fogging Machine	10	1	17,000	1,700
Sanitization Bucket	5	1	1,500	300
Double Sieve/Strainer	5	1	12,000	2,400
SUBTOTAL				257,020

Other Costs

Tools Repair & Maintenance : (5 % Fixed Cost)				12,851
Land Charges	1		20,000	20,000
Food Handlers Permit	1		500	500
Memberships & Associations	1		3,000	3,000
Fuel (Fogger)	1		3,000	3,000
Transportation Cost (Material)	1		50,000	50,000
Transportation Cost (Workers)	1		50,000	50,000
SUBTOTAL				139,351
TOTAL OPERATING EXPENDITURE PER HONEY CYCLE				1,064,321

Establishment costs: Site Cleaning \$15000 |Fencing \$10000|Stand Installation \$5000

General Apiary Work: Fogging (where applicable), Cleaning, Inspection, Queen Health Check, etc.,

1 Gal=5.44 Kg and 750ml=1 Kg | Training Cost: \$8000/Person |<https://www.foxhoundbeecompany.com/products/uncapping-tank-set>

Region	North Eastern		
Enterprise	BEEKEEPING		
Number of Colonies	50		
Man-Day Charge (Excluding Lunch)	\$3,000		
Projected Marketable Yield (Kg)	1,360	952	1,632
Cost of Production \$/Kg	\$685	\$978	\$571

Operating Cost - Labour	Unit	No. of Units	Cost/Unit	Total Cost
General Apiary Work	MD	48	3,000	144,000
Apiary Maintenance	MD	6	3,000	18,000
Honey Extraction	MD	4	7,000	28,000
Post-Harvest Care	MD	4	3,000	12,000
SUBTOTAL				202,000

Operating Cost - Material	Unit	No. of Units	Cost/Unit	Total Cost
Bees (Replacement Bees)	Queen	25	3,000	75,000
Foundation Wax	Per Sheet	450	300	135,000
Feed (Sugar)	Bag (50kg)	6	15,000	90,000
Pest & Disease Control	Per Treatment	1	3,150	3,150
Herbicide	Litre	2	1,500	3,000
Poly Bags	Pack	4	350	1,400
Food Grade Buckets with Cover	5 Gallons	25	1,450	36,250
SUBTOTAL				343,800

Fixed Costs (Depreciated)	Useful life	No. of Units	Cost/Unit	Annual Depreciation
Hive with Bees (Single)-Amortization	10	50	29,000	145,000
Hive Bodies with Frames	10	100	5,500	55,000
Hive Cover	10	10	2,000	2,000
Building (Tent)	5	1	45,000	9,000
Fencing	10	1	32,000	3,200
Hive Stands	5	200	120	4,800
Protective Clothing	5	2	6,600	2,640
Gloves	5	2	7,000	2,800
Smoker	10	1	15,000	1,500
Hive Tool	10	1	2,500	250
Honey Gate	5	1	4,500	900
Bee Brush	5	1	1,700	340
Uncapping Knife	10	1	5,600	560
Uncapping Tank (Small)	5	1	38,000	7,600
Queen Excluder	10	50	700	3,500
Extractor (Manual, 4-Frame)	10	1	150,000	15,000
Storage Drums (55 Gallon)	10	2	20,000	4,000
Sanitization Bucket	5	1	1,450	290
Double Sieve/Strainer	5	1	5,000	1,000
SUBTOTAL				259,380

Other Costs

Tools Repair & Maintenance : (5 % Fixed Cost)				12,969
Land Charges	1		7,000	7,000
Food Handlers Permit	1		1,000	1,000
Memberships & Associations	1		5,000	5,000
Transportation Cost (Material)	1		50,000	50,000
Transportation Cost (Workers)	1		50,000	50,000
SUBTOTAL				125,969
TOTAL OPERATING EXPENDITURE PER HONEY CYCLE				931,149

Establishment costs: Site Cleaning \$15000 |Fencing \$10000|Stand Installation \$5000

General Apiary Work: Fogging (where applicable), Cleaning, Inspection, Queen Health Check, etc.,

1 Gal=5.44 Kg and 750ml=1 Kg | Training Cost: \$8000/Person |<https://www.foxhoundbeecompany.com/products/uncapping-tank-set>

Region	South Central		
Enterprise	BEEKEEPING		
Number of Colonies	50		
Man-Day Charge (Excluding Lunch)	\$5,000		
Projected Marketable Yield (Kg)	1360	952	1,632
Cost of Production \$/Kg	\$899	\$1,284	\$749

Operating Cost - Labour	Unit	No. of Units	Cost/Unit	Total Cost
General Apiary Work	MD	48	5,000	240,000
Apiary Maintenance	MD	7	5,000	35,000
Honey Extraction	MD	6	10,000	60,000
Post-Harvest Care	MD	4	4,000	16,000
SUBTOTAL				351,000

Operating Cost - Material	Unit	No. of Units	Cost/Unit	Total Cost
Bees (Replacement Bees)	Queen	25	5,000	125,000
Foundation Wax	Lb	50	3,500	175,000
Feed (Sugar)	Bag (50kg)	10	14,200	142,000
Pest & Disease Control	Per Treatment	1	3,150	3,150
Herbicide	Litre	1	1,500	1,500
Poly Bags	Pack	2	400	800
Food Grade Buckets with Cover	5 Gallons	25	2,000	50,000
SUBTOTAL				497,450

Fixed Costs (Depreciated)	Useful life	No. of Units	Cost/Unit	Annual Depreciation
Hive with Bees (Single)-Amortization	10	50	25,000	125,000
Hive Bodies with Frames	10	100	5,500	55,000
Hive Cover	10	20	1,800	3,600
Building (Tent)	5	1	35,000	7,000
Fencing	10	1	31,500	3,150
Hive Stands	5	200	150	6,000
Protective Clothing	5	2	6,000	2,400
Gloves	5	2	3,000	1,200
Smoker	10	1	15,000	1,500
Hive Tool	10	1	1,500	150
Honey Gate	5	1	2,500	500
Bee Brush	5	1	1,500	300
Uncapping Knife	10	1	3,000	300
Uncapping Tank (Small)	5	1	38,000	7,600
Queen Excluder	10	50	2,000	10,000
Extractor (Manual, 4-Frame)	10	1	180,000	18,000
Storage Drums (55 Gallon)	10	2	20,000	4,000
Sanitization Bucket	5	1	2,000	400
Double Sieve/Strainer-Metal	5	1	9,000	1,800
SUBTOTAL				247,900

Other Costs

Tools Repair & Maintenance : (5 % Fixed Cost)				12,395
Land Charges	1		10,000	10,000
Food Handlers Permit	1		1,000	1,000
Memberships & Associations	1		3,000	3,000
Transportation Cost (Material)	1		50,000	50,000
Transportation Cost (Workers)	1		50,000	50,000
SUBTOTAL				126,395
TOTAL OPERATING EXPENDITURE PER HONEY CYCLE				1,222,745

Establishment costs: Site Cleaning \$15000 | Fencing \$10000 | Stand Installation \$5000

General Apiary Work: Fogging (where applicable), Cleaning, Inspection, Queen Health Check, etc.,

1 Gal=5.44 Kg and 750ml=1 Kg | Training Cost: \$8000/Person | <https://www.foxhoundbee.com/products/uncapping-tank-set>

Region	Central		
Enterprise	BEEKEEPING		
Number of Colonies	50		
Man-Day Charge (Excluding Lunch)	\$7,000		
Projected Marketable Yield (Kg)	952	1,360	1,632
Cost of Production \$/Kg	\$1,337	\$936	\$780

Operating Cost - Labour	Unit	No. of Units	Cost/Unit	Total Cost
General Apiary Work	MD	48	7,000	336,000
Apiary Maintenance	MD	6	7,000	42,000
Honey Extraction	MD	4	10,000	40,000
Post-Harvest Care	MD	2	4,000	8,000
SUBTOTAL				426,000

Operating Cost - Material	Unit	No. of Units	Cost/Unit	Total Cost
Bees (Replacement Bees)	Queen	25	5,000	125,000
Foundation Wax	Lb	63	3,000	189,000
Feed (Sugar)	Bag (50kg)	13	6,000	78,000
Pest & Disease Control	Per Treatment	1	3,150	3,150
Herbicide	Litre	2	1,450	2,900
Poly Bags	Pack	2	300	600
Food Grade Buckets with Cover	5 Gallons	25	2,000	50,000
SUBTOTAL				448,650

Fixed Costs (Depreciated)	Useful life	No. of Units	Cost/Unit	Annual Depreciation
Hive with Bees (Single)-Amortization	10	50	30,000	150,000
Hive Bodies with Frames	10	100	5,500	55,000
Hive Cover	10	10	1,800	1,800
Building (Tent)	5	1	45,000	9,000
Fencing	10	1	20,875	2,088
Hive Stand	5	200	120	4,800
Protective Clothing	5	2	5,500	2,200
Gloves	5	1	4,500	900
Smoker	10	1	14,300	1,430
Hive Tool	10	1	1,500	150
Honey Gate	5	1	4,500	900
Bee Brush	5	1	1,500	300
Uncapping Knife	10	1	2,500	250
Insect Fogging Machine	10	1	17,000	1,700
Uncapping Tank (Small)	5	1	38,000	7,600
Queen Excluder	10	50	1,200	6,000
Extractor (Manual, 4-Frame)	10	1	140,000	14,000
Refractometer	10	1	12,500	1,250
Storage Drums (55 Gallon)	10	2	20,000	4,000
Sanitization Bucket	5	1	1,800	360
Double Sieve/Strainer-Metal	5	1	5,000	1,000
SUBTOTAL				264,728

Other Costs

Tools Repair & Maintenance : (5 % Fixed Cost)				13,236
Land Charges (Square)	1		10,000	10,000
Fuel (Fogger)	1		3,000	3,000
Food Handlers Permit	1		1,000	1,000
Water	1		3,050	3,050
Memberships & Associations	1		3,000	3,000
Transportation Cost (Material)	1		50,000	50,000
Transportation Cost (Workers)	1		50,000	50,000
SUBTOTAL				133,286
TOTAL OPERATING EXPENDITURE PER HONEY CYCLE				1,272,664

Establishment costs: Site Cleaning \$15000 |Fencing \$10000|Stand Installation \$5000

General Apiary Work: Fogging (where applicable), Cleaning, Inspection, Queen Health Check, etc.,

1 Gal=5.44 Kg and 750ml=1 Kg | Training Cost: \$8000/Person |<https://www.foxhoundbeecompany.com/products/uncapping-tank-set>

Region	North Central		
Enterprise	BEEKEEPING		
Number of Colonies	50		
Man-Day Charge (Excluding Lunch)	\$4,000		
Projected Marketable Yield (Kg)	1,632	952	1,360
Cost of Production \$/Kg	\$937	\$1,606	\$1,125

Operating Cost - Labour	Unit	No. of Units	Cost/Unit	Total Cost
General Apiary Work	MD	48	4,000	192,000
Apiary Maintenance	MD	6	4,000	24,000
Honey Extraction	MD	4	7,000	28,000
Post-Harvest Care	MD	4	4,000	16,000
SUBTOTAL				260,000

Operating Cost - Material	Unit	No. of Units	Cost/Unit	Total Cost
Bees (Replacement Bees)	Queen	25	3,000	75,000
Foundation Wax	Lb	100	4,000	400,000
Feed (Sugar)	Bag (50kg)	20	14,000	280,000
Pest & Disease Control	Per Treatment	10	2,950	29,500
Herbicide	Litre	1	1,500	1,500
Poly Bags	Pack	2	200	400
Food Grade Buckets with Cover	5 Gallons	25	1,800	45,000
SUBTOTAL				831,400

Fixed Costs (Depreciated)	Useful life	No. of Units	Cost/Unit	Annual Depreciation
Hive with Bees (Single)-Amortization	10	50	35,000	175,000
Hive Bodies with Frames	10	100	6,000	60,000
Hive Cover	10	12	1,800	2,160
Building (Tent)	5	1	30,000	6,000
Fencing	10	1	32,200	3,220
Hive Stand	10	17	7,000	11,900
Protective Clothing	5	2	7,500	3,000
Gloves	5	1	2,500	500
Smoker	10	1	17,500	1,750
Hive Tool	10	1	2,500	250
Honey Gate	5	1	1,000	200
Bee Brush	5	1	1,500	300
Uncapping Knife	10	2	2,000	400
Uncapping Tank (Small)	5	1	38,000	7,600
Queen Excluder	10	50	700	3,500
Extractor (Manual, 4-Frame)	10	1	120,000	12,000
Insect Fogging Machine	10	1	17,000	1,700
Storage Drums (55 Gallon)	10	2	20,000	4,000
Sanitization Bucket	5	1	1,800	360
Double Sieve/Strainer-Metal	5	1	3,000	600
SUBTOTAL				294,440

Other Costs

Tools Repair & Maintenance : (5 % Fixed Cost)				14,722
Land Charges	1		20,000	20,000
Fuel (Fogger)	1		3,000	3,000
Food Handlers Permit	1		1,000	1,000
Memberships & Associations	1		3,000	3,000
Water	1		1,800	1,800
Transportation Cost (Material)	1		50,000	50,000
Transportation Cost (Workers)	1		50,000	50,000
SUBTOTAL				143,522
TOTAL OPERATING EXPENDITURE PER HONEY CYCLE				1,529,362

Establishment costs: Site Cleaning \$15000 | Fencing \$10000 | Stand Installation \$5000

General Apiary Work: Fogging (where applicable), Cleaning, Inspection, Queen Health Check, etc.,

1 Gal=5.44 Kg and 750ml=1 Kg | Training Cost: \$8000/Person | <https://www.foxhoundbee.com/products/uncapping-tank-set>