



**Modern Bee Farmers**  
EST.2007

PROMOTING MODERN BEE  
APICULTURE IN KENYA

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## APICULTURE TRAINING, BEE KEEPING EQUIPMENT & NATURAL HONEY

### Cost Benefit Analysis - Annual Return

#### (1.) Apiary comprising 1 Bee Hive

Standard hive, cost of Kshs – 4,000/=

Expected honey yield

No of harvests per year = 3 times

Yield per hive per harvest = 10 Kg

Honey yield 1 hive = 10 kg \* 3 times = 30 kg (ANNUAL)

Revenue = 30 Kg @ 300/= per Kg = Kshs 9,000/=

PROFIT = Kshs 5,000/=

#### (2.) Apiary comprising 10 Bee Hive

Hive Cost = 4000 \* 10 = 40000

Honey Yield = 3\*10hive\*10Kg=300Kg

Honey Value = 300kg \* Ksh 300 = 90,000Ksh

Profit = 50,000 Ksh

#### (3.) Apiary comprising 40 hives

Hive Cost = 4000 \* 40 = 160,000

Honey Yield = 3\*40hive\*10Kg=1,200Kg

Honey Value = 1,200kg \* 300 = 360,000Ksh

Profit = 200,000 Ksh

#### NOTE

Costs for purchase only included. Costs such as apiary set up, transportatio, other equipment (bee suits, extractor) not included

Please note that costs are only incurred during the first year during the set up.

Subsequent years do not incur the same costs thereafter.

The price of honey fluctuates according to changes in the market