

ADDITIONAL NOTES AND ASSUMPTIONS FOR TURKEY PRODUCTION COSTS (per brood)
SOUTHERN CALIFORNIA - 1980

Enterprise based on flock size of 30,000 birds with 50% toms; 50% hens; 2.75 broods per year; mortality rate of 8%; feed conversion ratio of 3.2; poult costs include net charges, 5 month cycle.

1) Growing Ration: Based on 3.2 feed conversion, total feed requirement is calculated as follows:

Hens: 16.5 lbs. x 15,000 birds x .92 (for death loss) = 227,700

Toms: 30.0 lbs. x 15,000 birds x .92 (for death loss) = 414,000

641,700 total lbs. meat

Total feed: 3.2 x 641,700 = 2,053,440 lbs. = 20,534 cwt.

On monthly basis:

Month	% of Ration	Cwt./27,600 birds
Jan.	3	616
Feb.	12	2,464
March	20	4,107
April	30	6,160
May	<u>35</u>	<u>7,187</u>
	100%	20,534

2) Hired Labor: 25 hrs/1000 turkeys x 27,600 turkeys = 690 total hours
Wage rate is \$4.50/hour.

3) Equipment:

	Cost/ Bird	Total Cost 30,000 Birds	Total Cost 1 Brood	Depr. # Years
Brooder House excluding equip.	\$2.20	\$66,000	\$24,024	20
Range House excluding equip.	2.76	82,800	30,139	20
Equipment in Brooder House	.65	19,500	7,098	10
Equipment in Range House	2.06	61,800	22,495	12
Sprayer. 100 gal.		800	291	10

Note: 4.35 month/12 months = .364 which is proportion of cost allocated to 1 brood.

4) Machinery:

- a. The manure scraper and the front end loader are both used for clean-up of manure at the end of the brood in May - each for a total of 5 (8 hour) work days (40 hours total). They are both pulled (scraper) or pushed (front end loader) by the tractor.
- b. The pickup is driven about 1500 miles per month for the operation.

The following table specifies machinery usage:

	<u>Years Owned</u>	<u>Annual Hours Used</u>	<u>Total Hours per Budget Unit (brood)</u>	<u>Investment Price</u>
Tractor	12	550	200	\$14,040
Manure Scraper	10	110	40	470
Front End Loader	10	110	40	2,880
Pickup	7	690	250	14,400