**Name**

** Address**

 **Club**

***DUE June 4, 2019 TO QUALIFY AS AN EDUCATIONAL***

 **2019 MARKET SHEEP FEEDING PLAN**

1. **FEEDING PROGRAM**

a. Breed of Animal

b. Date at the start of the feeding period

c. Average weight of all animals at start of feeding period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_lbs.

d. Date on which animal is to be at finished weight

e. Number of days in the feeding period (days from 1b to 1d) ..........….….. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ days

f. Planned finished weight (average) ....................................………………. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ lbs.

g. Net gain will be: (1f minus 1c) .....................................………………… \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ lbs.

1. Average daily gain needed (1g divided by 1e) ......................…………….\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_lbs./day

**2. GROWING PERIOD**

During the growing period, feed a ration that will allow development of muscle and skeleton without excessive fat deposition. Depending on the breed and individual characteristics, an animal may gain 0.45 to 0.95 pounds per day and will weigh 60 to 85 pounds when finished with the growing period. Grains and protein supplement should be used to balance any deficiencies in the roughage fed.

a. Weight when placed on the grower ration (average of 2 or).......……………...………\_\_\_\_\_\_\_\_\_\_\_\_lbs.

b. Intended weight at the end of the growing period (between 90 and 100 lbs.)………….\_\_\_\_\_\_\_\_\_\_\_\_lbs.

c.Net gain during the growing period (2b minus 2a).....................……………………...\_\_\_\_\_\_\_\_\_\_\_\_lbs.

d. Days planned for the growing period..................................…………………….…….\_\_\_\_\_\_\_\_\_\_\_\_day

1. Expected daily gain during the growing period....................………………………….\_\_\_\_\_\_\_\_lbs./days

 **Projected Feed Use and Cost for the Growing Period**

lbs. fed per day x no. of days x cost of feed (per lb.) = total cost of feed used

Roughage \_\_\_\_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_\_ x $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Grain Mix \_\_\_\_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_\_ x $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Protein \_\_\_\_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_\_ x $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other Feed \_\_\_\_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_\_ x $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Total Projected Feed Cost: $

 ===================

**3. FINISHING PERIOD**

During the finishing period, feed a ration that contains a balance of nutrients for continued growth of muscle tissue, plus extra energy feed for the animal to fatten and reach the desired finish on the target date. Animals should be at the desired condition depending on the breed and individual characteristics, but most should finish at about 130 pounds.

a. Days in the finishing period .....................................…………....… \_\_\_\_\_\_\_\_\_\_\_\_days

 (total feeding days minus days in growing period)

b. Pounds to gain in the finishing period (average) .…...........…......... \_\_\_\_\_\_\_\_\_\_\_\_lbs.

 (finished weight minus weight at the end of the growing period)

c. Rate of gain needed during the finishing period ...................…..…. \_\_\_\_\_\_\_\_\_\_\_\_lbs./day

 (lbs. to gain in finishing period divided by days in finishing period)

**4. PROJECT FEED USE AND COST FOR THE FINISHING PERIOD (PER ANIMAL)**

 lb. Fed Per Day x No. Days x Cost Per lb. = Cost of Feed Used

1. Roughage

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_lbs. x \_\_\_\_\_\_\_\_ x $\_\_\_\_\_\_\_\_\_\_\_ = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b. Grains

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_lbs. x \_\_\_\_\_\_\_\_ x $\_\_\_\_\_\_\_\_\_\_\_ = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c. Protein Supplement

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_lbs. x \_\_\_\_\_\_\_\_ x $\_\_\_\_\_\_\_\_\_\_\_ = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Other Feeds

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_lbs. x \_\_\_\_\_\_\_\_ x $\_\_\_\_\_\_\_\_\_\_\_ = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Total Project Feed Cost: $

 ==============

**5. TOTAL ESTIMATED FEED COST AND COST OF GAIN**

 Growing Period + Finishing Period = Total Cost

a. Roughage $ \_\_\_\_\_\_\_\_\_\_\_\_\_ + $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b. Grains $ \_\_\_\_\_\_\_\_\_\_\_\_\_ + $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c. Protein Supplement $ \_\_\_\_\_\_\_\_\_\_\_\_\_ + $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d. Other Feeds $ \_\_\_\_\_\_\_\_\_\_\_\_\_ + $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e. Total Feed Costs $

 ===============

f. Feed costs per pound of gain = total feed costs divided by pounds of net gain:

 $\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (5e) ÷ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_lb. (1g) = $\_\_\_\_\_\_\_\_\_\_\_\_\_\_per lb. gain