

## Beef - Beginning Planning & Record Sheet

Member's Name: \_\_\_\_\_

Weigh-in Date: \_\_\_\_\_ Weigh-in Location / Premises #: \_\_\_\_\_

Animal Tag Number: \_\_\_\_\_ Weight: \_\_\_\_\_ Hip Height (inches): \_\_\_\_\_

Animal Breed: \_\_\_\_\_

Estimate the correct finished weight for this animal by determining the appropriate Frame Score from the table below. Find the animal's age in the left column, and then the hip height within that row that most closely matches your animal. Where these intersect provides you the approximate **Frame Score** (top of the table) and **Estimated Finished Weight** range (bottom of the table) for your steer. *{Note: these are average projections; actual final weights may vary due to muscling, body type and condition.}*

Steer Age (months)	Frame Score 4	Frame Score 5	Frame Score 6	Frame Score 7
6	40.8"	42.9"	44.9"	46.9"
7	42.1"	44.1"	46.1"	48.1"
8	43.2"	45.2"	47.2"	49.3"
9	44.3"	46.3"	48.3"	50.3"
10	45.3"	47.3"	49.3"	51.3"
11	46.2"	48.2"	50.2"	52.2"
12	47.0"	49.0"	51.0"	53.0"
13	47.8"	49.8"	51.8"	53.8"
14	48.5"	50.4"	52.4"	54.4"
15	49.1"	51.1"	53.0"	55.0"
16	49.6"	51.6"	53.6"	55.6"
<b>Est. Finished Wt.</b>	<b>1050-1174 lbs</b>	<b>1175 - 1250 lbs</b>	<b>1251-1350 lbs</b>	<b>1351 - 1485 lbs</b>

### Estimated Average Daily Gain (A.D.G.) Required

$$\frac{\text{Est. Finished Weight} - \text{Beginning Weight}}{\text{Days in Feeding Period}} = \text{A.D.G. Required}$$

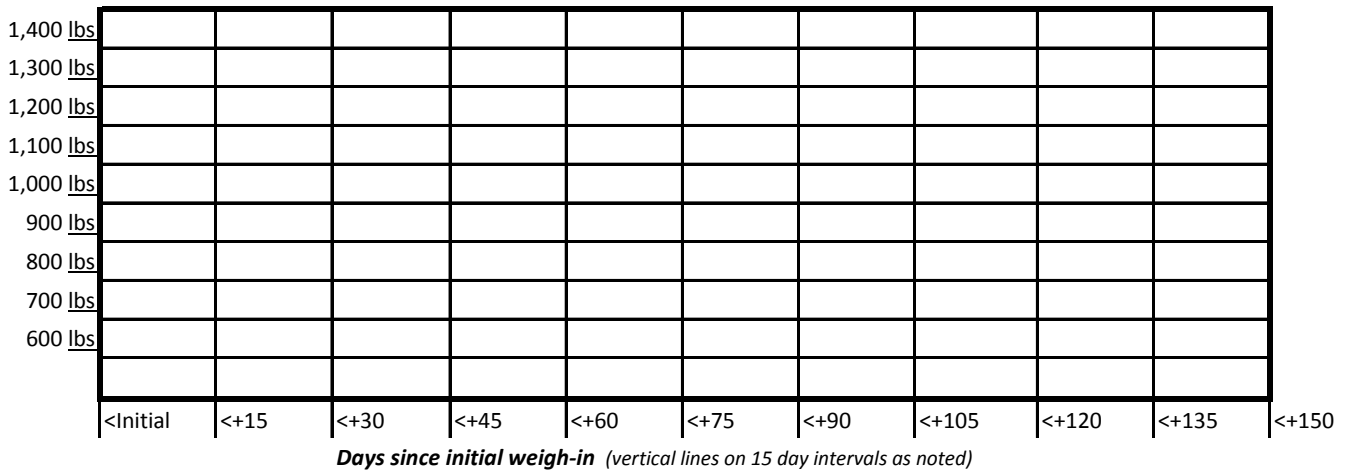
### Conformation / Usefulness Evaluation

Place an "X" in the appropriate space to indicate the rating you give this project animal for the following traits:

	Low	Fair	Average	Good	Excellent
Total Muscling					
Total Trimness					
Growth/Frame					
Structure/Balance					

## Market Beef Growth Chart

To achieve success with your 4-H Market Beef project, it is important you know the estimated final weight of your animal and your progress toward that goal throughout the feeding period. The chart below enables you to plot the **predicted** growth curve (immediately after the initial weigh-in) and then plot the **actual** weight of your animal at various times during the feeding period to determine if you are "on target." **If not, make appropriate adjustments!**



Initial weigh-in date: \_\_\_\_\_ Initial animal weight: \_\_\_\_\_ lbs

Number of days in feeding period: \_\_\_\_\_ Estimated final weight: \_\_\_\_\_ lbs

1. Mark the initial weight at the appropriate location on the left-hand side of the table above.
2. Mark the estimated final weight at the appropriate location based on the numbers of days in the feeding period.
3. Connect these two points with a straight line; this represents your **predicted** growth rate.
4. Record your animal's weight in the table below each time it is weighed during the feeding period; plot these weights at the appropriate location in the table above. Draw a line between this new point and the previous actual weight. Is the **actual** growth line above or below your **predicted** growth line? Why?

### Progressive Project Weight Record

Date weighed									
# Days from last weighing									
Current animal weight									
A.D.G (since last weighing)									
A.D.G. (since initial weight)									

Tracking animal weight can tell you where your animal is compared to your goal. After each weigh date, consider whether you need to adjust the amount of grain or hay being fed? Do you need to make other changes?

Typical factors which can influence average daily gain (A.D.G.) include feed, water, weather and animal health. Ask yourself if this animal's A.D.G. is normal and "on target?" If not, what is causing the difference?