



GENERAL PROJECT INFORMATION: (fill out one sheet per animal)

Youth Name: _____

Weigh-in Date: _____ Official 4-H/FFA Tag #: _____

Official 4-H/FFA Weight (lbs): _____ Hip Height (inches): _____

Estimated Final Weight (lbs): _____

Estimate the correct finished weight for your animal by determining the approximate Frame Score and proper finished weight for that score. Find the animal age in the left column, and the hip height in that row to determine approximate Frame Score. These are projections for average cattle. Actual weights will vary due to muscling, body length, and condition. Circle the measured Hip Height in the center of the chart based on the frame score and age of your steer. Also, circle your estimated finish weight range at the bottom of this chart.

	Frame Score					
Age (months)	4	5	6	7	8	Hip Height (inches)
6	40.8	42.9	44.9	46.9	48.9	
7	42.1	44.1	46.1	48.1	50.1	
8	43.2	45.2	47.2	49.3	51.3	
9	44.3	46.3	48.3	50.3	52.3	
10	45.3	47.3	49.3	51.3	53.3	
11	46.2	48.2	50.2	52.2	54.2	
12	47	49	51	53	55	
13	47.8	49.8	51.8	53.8	55.8	
14	48.5	50.4	52.4	54.4	56.4	
15	49.1	51.1	53	55	57	
16	49.6	51.6	53.6	55.6	57.5	
Estimated Finished Weight (lbs)	1050 - 1174 lbs	1175 - 1250 lbs	1251 - 1350 lbs	1351 - 1485 lbs	Over 1486 lbs	

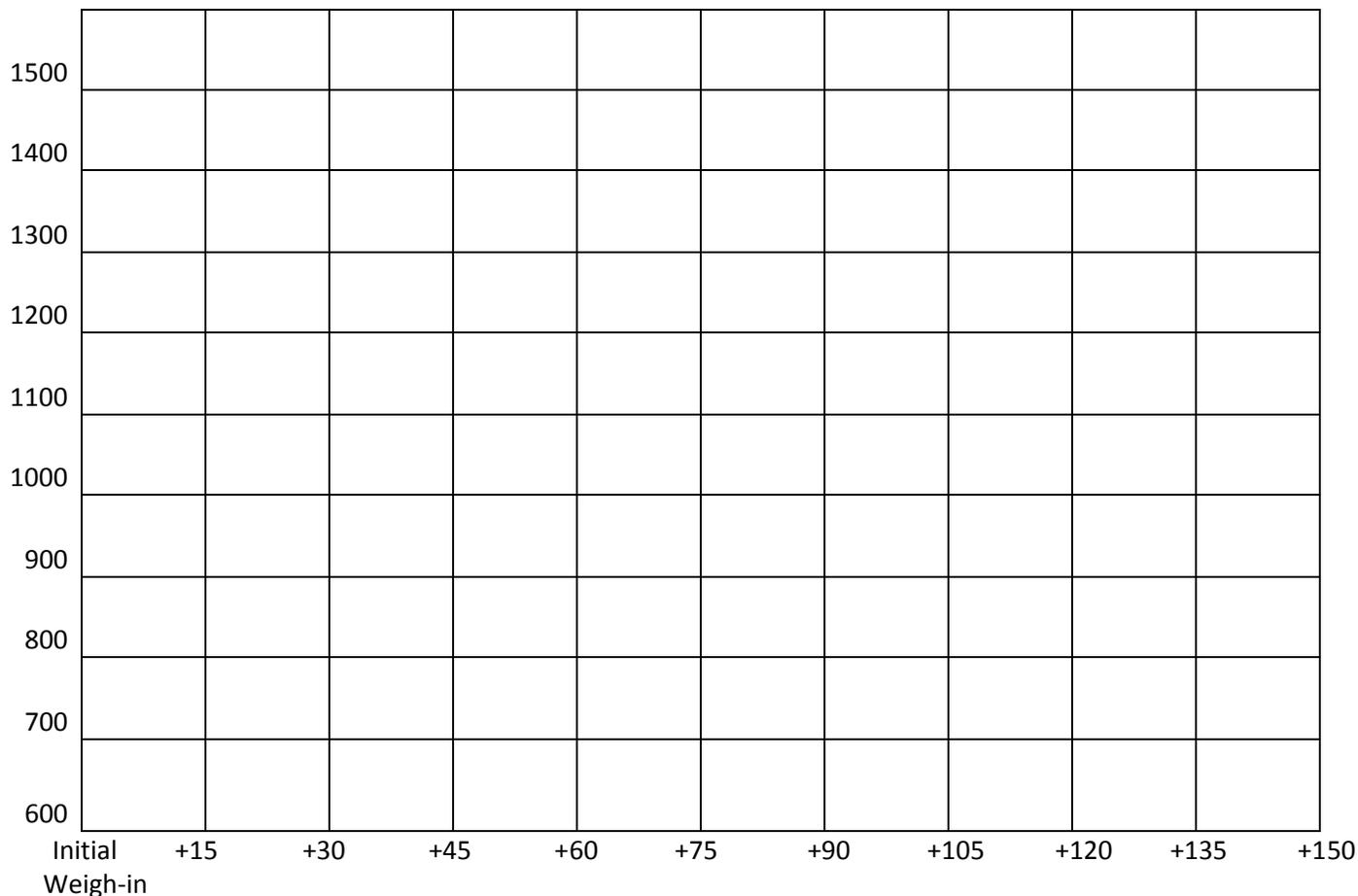
Conformation/Usefulness Evaluation:

Please circle what score (from low (1) to excellent (9)) on each trait below:

Trait	Low	Fair	Average	Good	Excellent
Total Muscling	1	3	5	7	9
Total Trimness	1	3	5	7	9
Growth/Frame	1	3	5	7	9
Structure/Balance	1	3	5	7	9

Market Beef Growth Chart

To achieve success with your 4-H Market Beef project, it is important that 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 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.” You should have two lines on this chart (a solid straight line, which is the predicted rate of growth AND a dotted line, which is the actual rate of growth).



Initial Weigh-in Date: _____ **Initial Weight:** _____

Final Weigh-out Date: _____ **Estimated Final Weight:** _____

Number of days in test period: _____

Instructions (Don't forget to answer the questions below):

1. Mark the initial weight at the appropriate location on the left hand side of the chart.
2. Mark the estimated final weight at the appropriate location for the number of days in the feed period (right hand side of chart).
3. Connect these two points with a solid, straight line. This is your predicted rate of growth.
4. Record your animal's weight in the chart above each time it is weighed during the feeding period. You must weigh (or estimate its weight) at least 1 time per month throughout the feeding period (so if Beef Weigh-in is in March, you would have a weight for March, April, May, June, July, and August, which is the final weigh-out).
5. Connect each point each time you weigh with the previous actual weight.
6. Is your actual growth curve above or below your predicted growth line (circle one)? Above Below
7. Why?