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."

1400 lbs										
1300 lbs										
1200 lbs										
1100 lbs										
1000 lbs										
900 lbs										
800 lbs										
700 lbs										
600 lbs										
	Initial	+15	+30	+45	+60	+75	+90	+105	+120	+135	+150

Days since initial weigh-in

Initial weigh-in date: _____ Initial animal weight: _____

Number of days in feeding period: _____ Estimated final weight: _____

1. Mark the initial weight at the appropriate location on the left-hand side of the table.
2. Mark the estimated final weight at the appropriate location for the number of days in the feeding period.
3. Connect these two points with a straight line. This is your predicted rate of growth.
4. Record your animal's weight in the table below and the chart above each time it is weighed during the feeding period. Connect this point with the previous actual weight. Is the actual growth curve above or below your predicted growth line? Why?

Progressive Project Weight Record

Weigh date									
Days since last weigh day	XXXXX								
Current weight									
A.D.G. (since last weigh date)	XXXXX								
Overall A.D.G.	XXXXX								

Tracking animal weight can tell you where your animal is compared to your goal. After each weigh day ask yourself; do you need to feed more grain or hay?

Typical influences in average daily gain (A.D.G.) can be feed, water, weather, and illness. Ask yourself is the A.D.G. normal? What caused any problems?