

Tag # \_\_\_\_\_

# 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 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".

1,500 lb.													1,500 lb.
1,400 lb.													1,400 lb.
1,300 lb.													1,300 lb.
1,200 lb.													1,200 lb.
1,100 lb.													1,100 lb.
1,000 lb.													1,000 lb.
900 lb.													900 lb.
800 lb.													800 lb.
700 lb.													700 lb.
600 lb.													600 lb.
500 lb.													500 lb.
	Initial weigh-in	+15 days	+30 days	+45 days	+60 days	+75 days	+90 days	+105 days	+120 days	+135 days	+150 days		final weigh-in

Initial weigh-in date: \_\_\_\_\_

Initial animal weight: \_\_\_\_\_

Number of days in feeding period: 157  
(August 29)

Desired final weight (from beginning weigh-in sheet): \_\_\_\_\_

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. (Note: This may fall at a point between the 15-day intervals shown on the chart.)
3. Make sure your actual line is —— (solid) and your estimated line is - - - - (dotted).
4. **Connect these two points with the lines shown above.**
5. Record your animal's weight in the table on the reverse side each time it is weighed during the feeding period. Also, each time you weigh your animal, record that weight on the chart above, and connect this point with the previous weight. Compare the actual growth curve with your predicted growth line. Are any adjustments needed?

Turn over

# PROGRESSIVE GROWTH WEIGHT RECORD

Minimum of three weights by August 1

Weigh date								
Days since <b>initial</b> weigh-in								
Days since <b>last</b> weigh-in								
Current weight								

Weigh date								
ADG since <b>initial</b> weigh-in								

Weigh date								
ADG since <b>last</b> weigh-in								

***Note:** If you don't have access to scales, you may use a tape and the following table to estimate your animal's weight.*

Inches	51	52	53	54	55	56	57	58	59	60	61	62
Thin	433	458	483	508	534	562	590	618	649	679	710	742
Medium	414	438	462	486	511	537	564	591	620	649	678	709
Fat	391	414	437	460	484	508	534	560	587	615	642	672
Extra Fat	371	392	414	436	458	481	506	530	556	582	608	636

Inches	63	64	65	66	67	68	69	70	71	72	73	74
Thin	774	809	842	876	893	948	986	1024	1052	1101	1141	1183
Medium	739	772	806	836	852	905	941	977	1013	1051	1089	1129
Fat	700	731	762	792	807	858	892	8926	960	997	1033	1071
Extra Fat	663	693	722	751	765	813	845	877	910	944	978	1014

Inches	75	76	77	78	79	80	81	82	83	84	85	86
Thin	1225	1265	1309	1352	1399	1443	1489	1536	1584	1633	1688	1733
Medium	1169	1207	1249	1288	1334	1374	1418	1463	1508	1557	1603	1650
Fat	1109	1145	1185	1224	1267	1305	1347	1390	1432	1477	1521	1565
Extra Fat	1050	1084	1122	1159	1201	1237	1279	1317	13557	1399	1441	1483