

Swine - Beginning Planning & Record Sheet

Member's Name: _____

Weigh-in Date: _____ Weigh-in Location / Premises # : _____

Animal Tag Number: _____ Weight: _____

Animal Breed: _____

Estimate the correct finished weight by determining the degree of muscling and frame size from the table below. Find the animal's degree of muscling in the right column, and then the frame size across the top that most closely matches your animal. Where these intersect provides you the approximate **Estimated Finished Weight** range for your pig - remember your goal should be to produce a USDA #1 pig. {Note: these are average projections; actual final weights may vary due to muscling, body type and condition.}

| USDA | Small Frame | Medium Frame | Large Frame | |
|------|--------------|--------------|-------------|-----------------|
| # 1 | 220-250 lbs | 260 -280 lbs | 280-310 lbs | |
| # 2 | 250-260 lbs | 270-280 lbs | 290-320 lbs | Thick Muscled |
| # 3 | 260 -270 lbs | 280 -290 lbs | 300-330 lbs | |
| # 1 | 220-230 lbs | 250 -260 lbs | 260-270 lbs | |
| # 2 | 230-240 lbs | 260-280 lbs | 280-300 lbs | Average Muscled |
| # 3 | 240-260 lbs | 270-280 lbs | 290-300 lbs | |
| # 1 | 200-220 lbs | 220 -240 lbs | 240-260 lbs | |
| # 2 | 220-240 lbs | 240-260 lbs | 260-280 lbs | Light Muscled |
| # 3 | 230-240 lbs | 260-280 lbs | 270-280 lbs | |

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

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

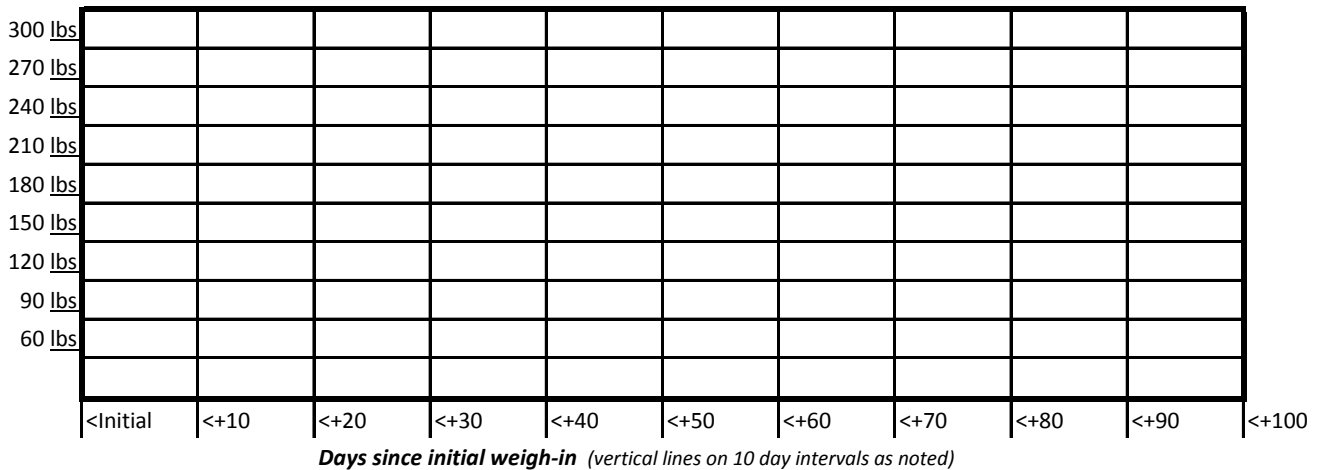
Conformation / Usefulness Evaluation

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 Swine Growth Chart

To achieve success with your 4-H Market Swine 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?