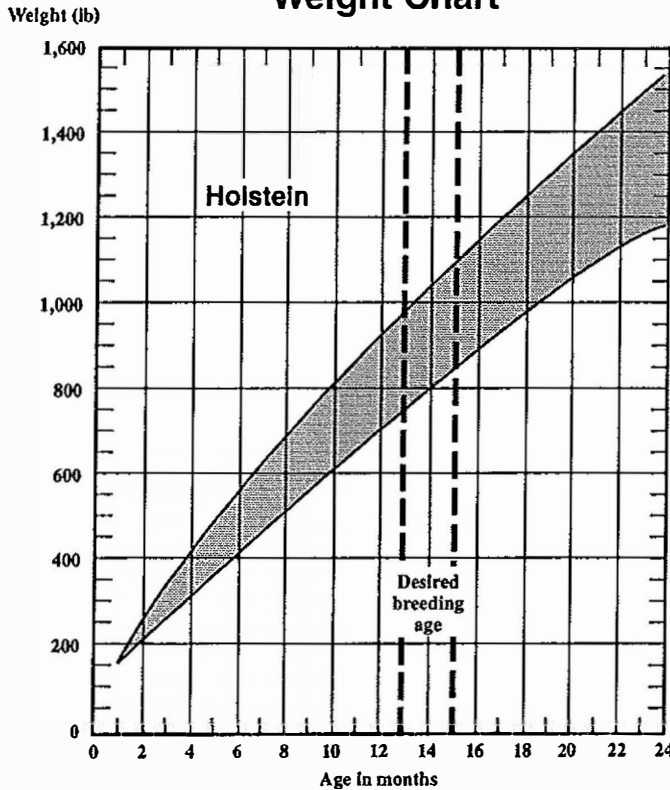


Dairy Heifer Performance

DAIRY HEIFER GROWTH CHART (Goal Setting)

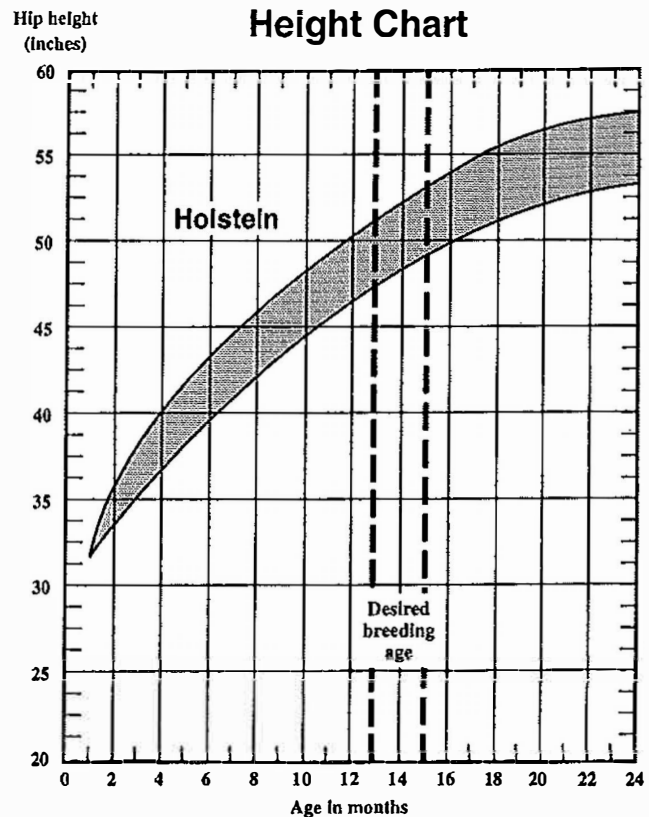
To achieve success with your 4-H Market Dairy Cattle project, it is important you know the estimated final weight of your animal and your progress toward that goal throughout the project. The charts below enable you to plot the *Actual* height and weight vs. the *Desirable* height and weight to determine if you are "on target" with the Desired Growth Rate.

Weight Chart



The Pennsylvania State University Calf and Heifer Weight and Height Growth Charts

Height Chart



1. Locate the *Age* in months of your animal on each of the tables.
2. Place an X on each chart that corresponds with *Weight* and *Height* at that age.
3. If the *Actual* height or weight is outside of the desired range shown on the graph, adjust feeding as needed.

Adapted with permission from Monitoring Dairy Heifer Growth, Penn State, 1988. Also available online: www.das.psu.edu/dcn (see Calves & Heifers Management)

For information on breeds other than Holstein, see the above Web site at Penn State.

Progressive Project Weight Record (for weights taken after initial weigh-in)

| | | | | | | | | | | |
|--------------------------|--|--|--|--|--|--|--|--|--|--|
| Weigh date | | | | | | | | | | |
| Days since weigh-in | | | | | | | | | | |
| Current weight | | | | | | | | | | |
| A.D.G. (since weigh-in)* | | | | | | | | | | |

*For dairy heifers average daily gain (A.D.G.) in excess of 1.75 pounds per day can cause fat to be deposited in mammary tissue reducing the potential to secrete milk.

DAIRY HEIFER WEIGHT CHART

Note: If you don't have access to scales, you may use a tape and the following tables to estimate your animal's weight by measuring around the girth.

| 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 | 1,024 | 1,052 | 1,101 | 1,141 | 1,183 |
| Medium | 739 | 772 | 804 | 836 | 852 | 905 | 941 | 977 | 1,013 | 1,051 | 1,089 | 1,129 |
| Fat | 700 | 731 | 762 | 792 | 807 | 858 | 892 | 926 | 960 | 997 | 1,033 | 1,071 |
| Extra fat | 663 | 693 | 722 | 751 | 765 | 813 | 845 | 877 | 910 | 944 | 978 | 1,014 |

| Inches | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Thin | 1,225 | 1,265 | 1,309 | 1,352 | 1,399 | 1,443 | 1,489 | 1,536 | 1,584 | 1,633 | 1,688 | 1,733 |
| Medium | 1,169 | 1,207 | 1,249 | 1,288 | 1,334 | 1,374 | 1,418 | 1,463 | 1,508 | 1,557 | 1,603 | 1,650 |
| Fat | 1,109 | 1,145 | 1,185 | 1,224 | 1,267 | 1,305 | 1,347 | 1,390 | 1,432 | 1,477 | 1,521 | 1,565 |
| Extra fat | 1,050 | 1,084 | 1,122 | 1,159 | 1,201 | 1,237 | 1,276 | 1,317 | 1,357 | 1,399 | 1,441 | 1,483 |

Source for weights: Wasco Holstein Dairy Tape, Fort Atkinson, WI 53538.