

BEEF OF MERIT GRID MARKETING

The Beef of Merit Grid Marketing Class purpose is to provide 4-H market steer exhibitors an opportunity to participate in a live show combined with a value added carcass competition where the traits that add value to a beef carcass and the industry are evaluated in a scientific way.

Exhibitors must choose which window they will participate in for the live show when entering. The live show will award ribbons only. The final placing will be determined after processing and carcass evaluation. Carcass desirability and trait value as well as growth rate will be incorporated to calculate carcass value per day on feed.

Window A –High Cutability Grid Market for 600-950 pound carcasses only. (Lighter or heavier carcasses are not eligible.)

Window A: Quality and Yield Grade Grid Premiums used for contest calculations.

	Yield Grade 1	Yield Grade 2	Yield Grade 3.0 to 3.50	Yield Grade >3.5, 4, or 5
Prime	\$11/cwt	\$8/cwt	\$4/cwt	Not eligible
High or Average Choice	\$9/cwt	\$6/cwt	\$2/cwt	Not eligible
Low Choice	\$7/cwt	\$4/cwt	Market Base Price	Not eligible
High Select	\$7/cwt plus Market Base price less CH-SE discount	\$4/cwt plus Market Base price less CH-SE discount	Market Base price less CH-SE discount	Not eligible
Low Select or lower	Not eligible	Not eligible	Not eligible	Not eligible

Window B –High Quality Grid Market for 600-900 pound carcasses only. (Lighter or heavier carcasses are not eligible.)

Window B: Quality and Yield Grade Grid Premiums used for contest calculations.

	Yield Grade 1	Yield Grade 2	Yield Grade 3	Yield Grade 4 or 5
Prime	\$14/cwt	\$12/cwt	\$9/cwt	Not eligible
High or Average Choice	\$10/cwt	\$8/cwt	\$5/cwt	Not eligible
Low Choice	Not eligible	Not eligible	Not eligible	Not eligible
Select or lower	Not eligible	Not eligible	Not eligible	Not eligible

1. **Percent Retail Product** is calculated as follows:

$$(65.69 - (9.931 \times \text{fat thickness}) + (1.2259 \times \text{rib eye area}) - (.013166 \times \text{carcass weight}) - (1.29 \times \% \text{ kidney, pelvic, heart fat}))$$

2. **Carcass Value Per Day On Feed** is calculated as follows:

$$((\text{Hot carcass weight} - (.55 \times \text{beginning live weight}) \times \text{percent retail product} \times \text{contest carcass price as determined by appropriate grid}) / .64 / \text{days on feed})$$