

2019 Montana Market Goat Carcass Evaluation Standards

| | |
|---|--|
| Conformation | Conformation (i.e. muscle to bone ratio) is rated by one of three Selection scores. |
| Selection 1 | Selection 1 carcasses have a high proportion of meat to bone. Selection 1 carcasses are thickly muscled throughout the body with a bulging outside leg, rounded back strip, and a moderately thick outside shoulder. |
| Selection 2 | Selection No. 2 carcasses have an average proportion of meat to bone. They are moderately muscled throughout the body as indicated by a slightly thick and a slightly pronounced outside leg, a slightly full (flat or slightly shallow) back strip, and a slightly thick to slightly thin outside shoulder. |
| Selection 3 | Selection 3 carcasses have a low ratio of meat to bone. Selection 3 carcasses have an inferior meat type conformation. The legs, back, and shoulders are narrow in relation with its length. (Selection No. 3 carcasses resemble skinned jackrabbits.) |
| Live Wt. | |
| Pounds | Live weight in pounds. |
| HCW | |
| Pounds | Hot carcass weight in pounds. |
| Kidney, Pelvic, & Heart (KPH) Fat, % | |
| 0.5 - 3.5 | Kidney, pelvic, and heart internal fat as a percentage of hot carcass weight. |
| Subcutaneous Fat Cover Score | |
| 1, 2, or 3 | External fat cover score as 1= minimal/none, 2= fat over rib and shoulder, 3= excessive fat cover. |
| Ribeye Area | |
| Square inches | 12th rib ribeye (<i>Longissimus</i>) area. Use standard 1/20 loin eye grid, measure both sides, average. |
| Body Wall Thickness (BWT) | |
| Inches | Body wall thickness (includes fat, bone, and lean) measured 1 inch beyond loin eye, both sides, averaged. |
| Age | |
| Age in months | Market goats are usually referred to as kid/cabrito (2-14 months), young chevon (14-24 months), or aged chevon (over 24 months). |
| % Cutability | |
| Autofill | Cutability calculated by the following formula: $60.6933 - (0.23174 \times \text{HCW}) + (1.96202 \times \text{Loin Eye Area}) - (1.57832 \times \text{BWT})$ |

Carcass of Merit Standards

Conformation: Selection 1
Fat Cover: 2
KPH: 2-3%
Cutability: > 52%