

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%