

2023 Montana Market Goat Ultrasound Carcass Evaluation

Conformation	Conformation MUST be determined by Live Basis
Selection 1	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 2 carcasses are moderately muscled throughout with a slightly bulging outside leg, flat or shallow back strip, and slightly thick outside shoulder.
Selection 3	Selection 3 carcasses are thinly muscled and the legs, back and shoulders are narrow in relation with its length and they have a very angular and sunken appearance.
Live Wt.	
Pounds	Live weight in pounds
HCW	
Autofill	Hot Carcass Weight calculated at 51% of Live Wt.
Loin Eye Area	
Square inches	12th rib ribeye (<i>Longissimus</i>) area. Ultrasound measurement; both sides averaged.
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	Measured 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: $60.6933 - (0.23174 \times \text{HCW}) + (1.96202 \times \text{Loin Eye Area}) - (1.57832 \times \text{BWT})$ (Select 2: -5; Select 3: -10 points)

Carcass of Merit Standards

Conformation: Selection 1
Cutability: ≥54%