

## 2021 Montana Market Goat Carcass Evaluation Standards

<b>Conformation</b>	<b>Conformation (i.e. muscle to bone ratio) is rated by one of three Selection scores.</b>
<b>Selection 1</b>	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.
<b>Selection 2</b>	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.
<b>Selection 3</b>	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.)
<b>Live Wt.</b>	
<b>Pounds</b>	Live weight in pounds.
<b>HCW</b>	
<b>Pounds</b>	Hot carcass weight in pounds.
<b>Kidney, Pelvic, &amp; Heart (KPH) Fat, %</b>	
<b>0.5 - 3.5</b>	Kidney, pelvic, and heart internal fat as a percentage of hot carcass weight.
<b>Subcutaneous Fat Cover Score</b>	
<b>1, 2, or 3</b>	External fat cover score as 1= minimal/none, 2= fat over rib and shoulder, 3= excessive fat cover.
<b>Ribeye Area</b>	
<b>Square inches</b>	12th rib ribeye ( <i>Longissimus</i> ) area. Use standard 1/20 loin eye grid, measure both sides, average.
<b>Body Wall Thickness (BWT)</b>	
<b>Inches</b>	Body wall thickness (includes fat, bone, and lean) measured 1 inch beyond loin eye, both sides, averaged.
<b>Age</b>	
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).
<b>% Cutability</b>	
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

<b>Conformation:</b>	Selection 1
<b>Fat Cover:</b>	2
<b>KPH:</b>	2-3%
<b>Cutability:</b>	≥52%