

Marbling

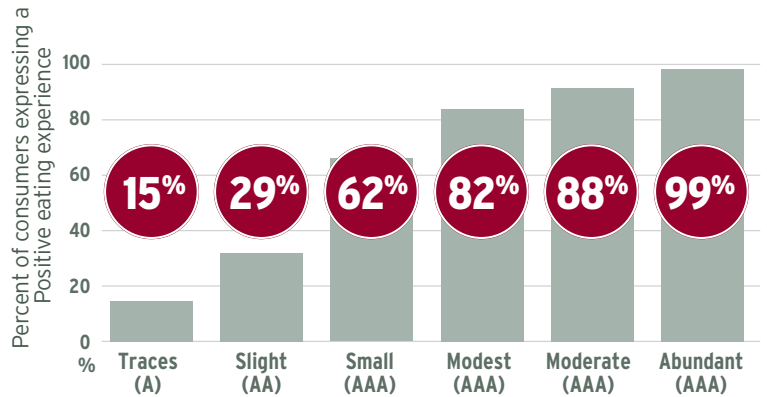
DESIRABLE FAT STREAKS WITHIN CUTS OF MEAT



Enhanced Flavor - Increased Tenderness - More Juiciness

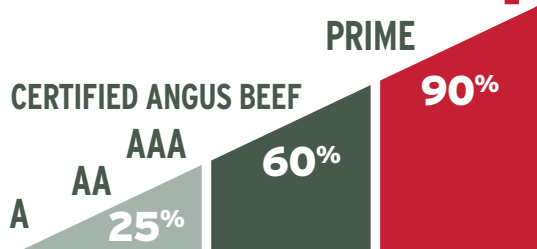
Cheng et al., 2015

MARBLING IMPROVES CONSUMER SATISFACTION



Colorado State University

MAXIMIZE PROFIT POTENTIAL



Inadequate marbling = \$25.25 lost per animal

National Beef Quality Audit, 2011

NUTRITION & MANAGEMENT CAN ALTER MARBLING



<p>Improve marbling with:</p> <ul style="list-style-type: none"> Healthier calves Proper diets Genetic selection 	<p>48% HERITABLE</p> <p>Sires ranking top 10% for marbling</p> <p>Yield carcasses with 70% more marbling</p>	<p>65% of steers on grain based diets yield high grade carcasses</p> <p>vs. 5% on forage diets</p>
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Williams et al., 1983; Maddock, 2013

TRADEOFFS TO SELECTING MARBLING

