

# VERTICAL EDGE GENETICS

## BEEF CATTLE TYPE ANALYSIS<sup>SM</sup>

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*Finding BALANCE in breeding  
can be a constant battle.*

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Beef Cattle Type Analysis (BCTA) is an amazing tool to help identify the different types in beef cattle, and how to mate them correctly. Breeders that utilize this service can become more successful in their search for balanced and profitable cattle.

Producers can take advantage of many proven evaluation systems to choose their sires. BCTA will then help them identify how to best use these sires in their cow herds. Females are analyzed to find their greatest needs. Males are analyzed to find their greatest strengths in the order that they will sire these qualities. The application then becomes very simple by matching needs and strengths.

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- › (R) REFINED  
*Femininity,  
refinement, milky  
females, long ribbed.*



- › (U) UPSTANDING  
*Growth, high udders,  
extension.*



- › (O) OPEN  
*Long breeding life,  
maternal calving ease,  
room for the udder.*



- › (S) STRONG  
*Healthy lungs, feet,  
legs and udder, larger  
mature size.*



- › (W) WIDE  
*Appetite, short teats,  
spring of rib.*



- › (F) FANCY  
*Rounded feet, style,  
durable.*

## QUALITIES ANALYSIS

	R REFINED	U UPSTANDING	O OPEN	S STRONG	W WIDE	F FANCY
HEAD	Refined	Long		Large	Wide	Fancy
NECK	Long	Lean				Blended
ELBOW	Sharp	High		Level	Wide	Blended
SHOULDER	Sharp		Angled		Smooth	Blended
CHEST				Deep	Wide	
LOIN	Refined	High	Firm	Level	Broad	Arched
RIBS	Long		Open		Sprung	
FLANK	Refined	Arched	Down		Deep	
HOOKS		High	Out			
THURLS		Wide	Wide			Central
PINS	Sharp		Open		Wide	Level
TAILHEAD	Refined	Neat	Flat			
HOCKS	Refined		Open	Healthy	Wide	Neat
PASTERNS	Refined		Open	Healthy	Wide	Neat
FEET			Deep	Short	Even	Round
CANNON BONE	Flinty	Long	Wedge	Strong	Wide	
FORE UDDER		Elastic	Firm	Healthy	Smooth	
REAR UDDER	Full	High	Roomy	Wide	Wide	
TEATS		Ample		Plumb	Short	

## PROBLEMS ANALYSIS

	R REFINED	U UPSTANDING	O OPEN	S STRONG	W WIDE	F FANCY
HEAD	Bully	Short		Small	Narrow	Plain
NECK	Short	Thick				U-neck
ELBOW	Coarse	Low		High	Narrow	
SHOULDER	Round		Sleep		Rough	Open
CHEST				Shallow	Narrow	
LOIN	Saddle	Low	Easy	Roached	Narrow	Flat
RIBS	Shallow		Tight		Slabby	
FLANK	Heavy	Flat	Tucked		Shallow	
HOOKS	Close	Low	Tight			
THURLS			Narrow			Square
PINS	Patchy		Close		Narrow	Droopy
TAILHEAD	Forward	Cocky	High			Flat
HOCKS	Heavy		Close	Sick	Narrow	Open
PASTERNS		Down		Swollen	Stiff	
FEET			Shallow	Pointed	Uneven	Small
CANNON BONE	Coarse	Short	Round		Narrow	Spread
FORE UDDER		Meaty	Spread	Swollen	Short	
REAR UDDER	Forward	Low	Pinched		Narrow	
TEATS		Short		Pointed	Long	

*Quality comes in  
BALANCE!*

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### HISTORY

The sharp and round breeding theory has been around for many years dating back to the 1950's. It is a good system but was never designed specifically for beef cattle.

While I was educated and employed at Utah State University I was fortunate to work with some key individuals that had paved the way for the sharp and round theory to become commercially available. I also had the opportunity to learn from several astute cattle breeders.

I soon became aware of the value of identifying different types of cattle and saw the great need for a balanced breeding approach to beef cattle much like those available to dairy producers.

Unofficially I have been using this theory of breeding in our own herd for many years. It has proven itself to me and many others year after year of achieving more saleable offspring. In short it is the study of bone and muscle, the relationship of parts, and how they correlate to improve quality, longevity and productivity.

It has taken many years to gather enough experience while judging, fitting, breeding, managing cattle and tracking results to finally offer this service with confidence.

### OBJECTIVES

This is an unbiased analysis that takes place in person with cattle on the hoof. It does not include pedigree, color, breed, EPD's, genomics, or linear evaluation. The analysis is well designed to sort out and identify the different types of cattle that exist with great accuracy.

We hope to have the bulk of AI bulls analyzed and have this information readily available. We will also have a searchable database that can be viewed on our website.

Use this breeding guide to increase uniformity, balance, production, longevity and profit from your cattle. It is the only true breeding guide that is a stand alone service to improve quality in today's beef herds.

This service is meant to have breeders tracking progress, learning the relationship of parts, and to prompt individual study as well. It has a rather simple application but is a very complex and technical system.

### APPLICATION

To best achieve results we recommend the following guideline:

- YEARLING HEIFERS – *analyze prior to breeding, then again after calving.*
- MATURE COWS – *analyze once in a lifetime.*
- YEARLING BULLS – *analyze prior to production sales or use.*
- MATURE BULLS – *2 and over, once in a lifetime.*



For example if a cow analyzed R-U-F meaning her greatest needs are refined, upstanding, and fancy. Mate her to a bull that will sire refined, upstanding, and fancy.

*This will forever change the way you look at cattle! Don't delay, schedule an appointment with one of our certified analyzers today.*

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