# In Search of Beef Production Nirvana

Things a cow-calf producer learns when you own a feedyard: what drives profit?

#### Nirvana: What does that mean?

- In the Buddhist tradition, nirvana is described as the extinguishing of the fires that cause suffering and rebirth.
  These fires are typically identified as the fires of attachment (raga), aversion (dvesha) and ignorance (moha or avidya).
- In <u>Hindu philosophy</u>, it is the union with <u>Brahman</u>, the divine ground of existence, and the experience of blissful



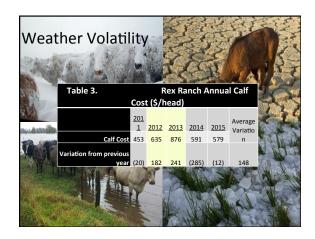




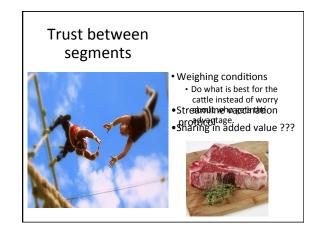
### Challenges we face:

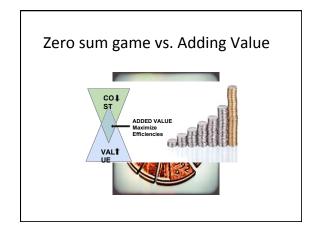
- Weather volatility
- Price volatility
- Trust between segments
- Adding real value to our production
- Answers come excruciatingly slow (Environment or Genetic?)
  - 2 year conception to harvest
  - 7 year genetic interval
  - Applying research findings correctly in various systems

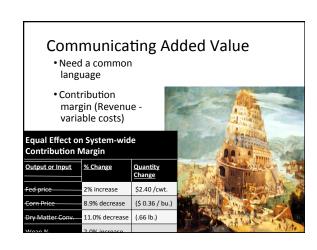
The following events are based on a true story.

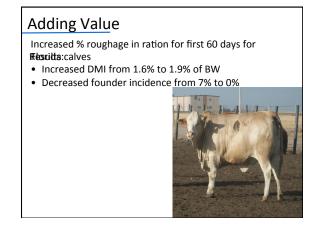


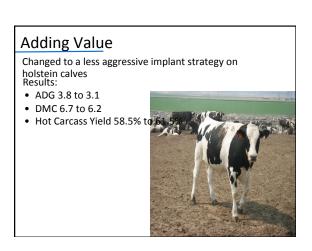


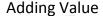












Correct use of EPDs can significantly change cattle performance within a generation interval.

Example #1: Deseret Cattle and Citrus (2000 to 2005):

Culled % of the bull battery based on low accuracy inherd EPDs and temperament score

#### Results:

- Improved calf fed ADG from 2.6 t
- Decreased DMC from 6.7 to 6.2 lb



#### Adding Value

Correct use of EPDs can significantly change cattle performance within a generation interval.

Example #2: Rex Ranch (2008 to 2015):

Focused on calving ease and marbling

#### Results:

- Distocia moved from 25% to 8%
- Choice or better moved from

| SU% | Cos | SU% | Stoke | St



### **Adding Value**

Nutritional environment matters from conception to carcass.

Table 4.	Calves	weaned	from two	o differe	nt ranche	es experi	encing e	xtreme d	rought a	
	2012 Preg Rate	2013 Preg Rate	In Wt.	Out Wt.	HCW	Death Loss	DoF	ADG	DMC	COG
Ranch A	91%	92%	621	1,408	901	1.1%	209	3.74	5.57	\$ 1.03
Ranch B	93%	91%	538	1,382	885	10.5%	288	2.71	6.34	\$ 1.23

a) Both ranches calves had been weaned in growyards prior to entering the feedyard Ranch A's calves stayed in the growyards 45 days longer.



## In search of Beef Production Nirvana

- What role do I play in adding real value to the system?
- How can I improve?
- How do I get compensated fairly for my contribution?