

### Y U Ranch: Strategy and Sustainability in Cattle Ranching (A)

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The Places that we went to were Harris teeter and the Farmers market.



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#### Strategy

The Cattle - our Texas Longhorns would do very poorly in a feedlot setting like domestic cattle, but they are 30% more efficient when consuming rough forages, the grass and hay we provide. Not only are they efficient, they are capable of walking and getting their own feed, can calve unassisted and easily handle the changing seasons, all of which can be summed in other terms up as highly efficient, self propelled, solar powered intelligent harvesting machines capable of turning natural and essential ecotypes (grass) into food for our consumption.

# Sustainable Agriculture

The Grasses and Rotational Grazing - we practice rotational (constantly moving cattle to fresh pastures) grazing at the Ranch but in a unique way. While the working land on the ranch is all covered in grass, it's the type of grass that matters. There are established both cool season (European heritage grasses that like cool and wet conditions) and warm season (native Tallgrass Prairies preferring hot and dry conditions) in different pastures and hayfields.

### Essential Vitamins & Minerals

We Need Vitamin A, B Complex, C, D, E, folate, and K

What happens to us when we have deficiencies in iron, vitamin A, or iodine you ask? Well i Will tell you.

- 1) Deficiencies in iron causes anemia.
- 2) Deficiencies in vitamin A causes not enough retonil to be produced in the eyes (night blindness)
- 3) Deficiencies in iodine causes you not to have enough thyroxin hormone in the thyroid which causes goitre.

#### "Farm Raised"? "Wild Caught"? "Grain Fed"? "Organic"? And "Hormone Free"? What is so good about these things? What is also bad about them?

There are a lot of pros and cons to the items above and I am going to tell you about them.

ſ		Farm Raised	Wild Cought	Grain Fed	Organic	Hormone Free
	Pros	healthy and the costs to maintain them	corn which causes E Coli, and	fattened faster before	you, less to no pesticide use and is better for the	Hormones can end up in the cows manure and then used in plantations. When it rains it could contaminate the lakes and rivers nearby.
	Cons	to control and baby chicks are easy targets for	may contain	cause diseases in	and a strain on	Companies that do not use hormones do not reach the level of milk that they want from there cows and have to buy more cows.

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Antibiotics are used on cattle to prevent them

Antibiotics are used on cattle to prevent them and the chemicals that are in the from getting infected by having all of the in the arround them and the chemicals that are in the arround them and them.

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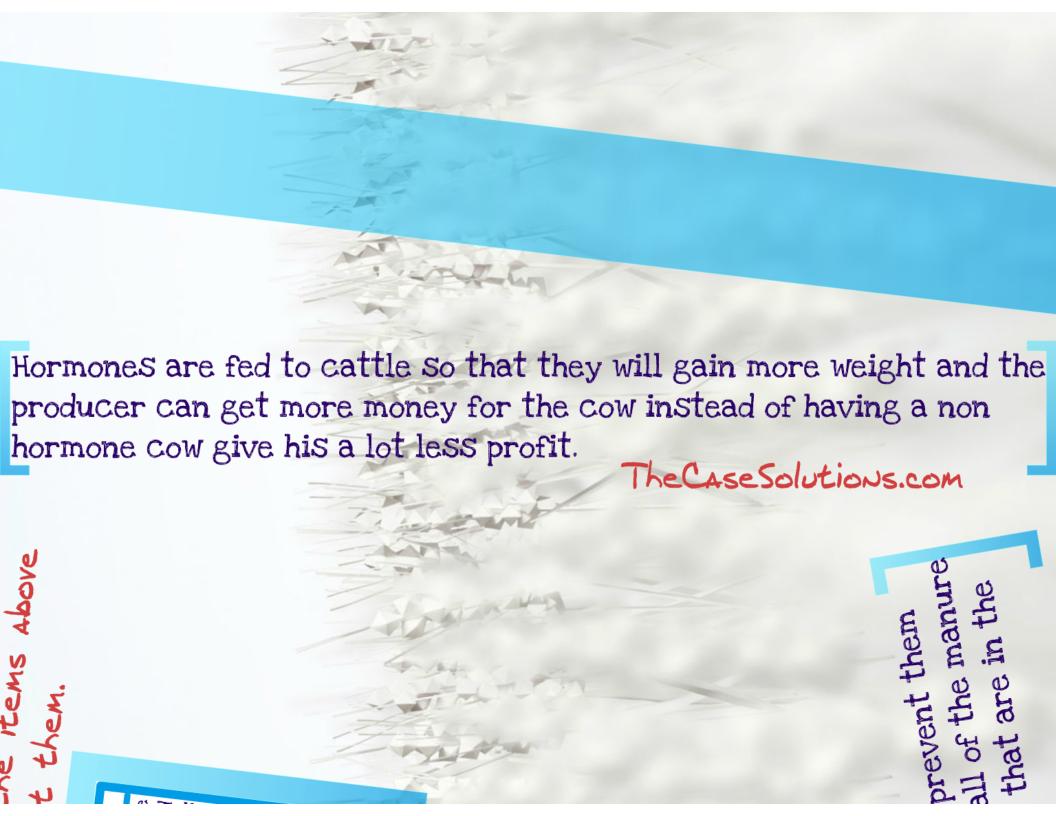
Corn that they give them.

Hormones are fed to cattle so that they will gain more weight and the producer can get more money for the cow instead of having a non

## What is also bad about t

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	Farm Raised	Wild Cought	Grain Fed	Organic	Hormone Free
	Usually	Fish are not fed	Cows can be	It is healthier for	Hormones can end up in the
		corn which	fattened	you, less to no	cows manure and then used
Pros	the costs to	causes E Coli, and	faster	pesticide use and	in plantations. When it rains
	maintain them	animals are not	before	is better for the	it could contaminate the
	are very low.	given anti-biotics.	slaughter.	environment.	lakes and rivers nearby.
	More difficult	Wild caught fish	This can	More expensive	Companies that do not
	to control and	may contain	cause	and a strain on	use hormones do not
Cons	baby chicks	mercury and	diseases in	natural resources.	reach the level of milk
	are easy	other metals that	Cows.		that they want from
	targets for	can effect the			there cows and have
	predators.	nervous system			to buy more cows.





Antibiotics are used on cattle to prevent them from getting infected by having all of the manure arround them and the chemicals that are in the corn that they give them.