



CHOOSING THE RIGHT MINERAL

What are the Phosphorus Requirements for Beef Cows?

NRC Recommendations

- 1400 lb Beef Cow
- DMI = 30 lb/d
- Phosphorus recommendation
 - Dry cow = .12% or 16.0 g/d
 - Lactating cow = .20% or 27.2 g/d

Phosphorus from Forages

- Green .30% or 40.8 g/d @ 30lb DMI
- Brown .15% or 20.4 g/d @ 30lb DMI
- Straw .08% or 10.9 g/d @ 30lb DMI

Grams Phosphorus from Mineral (4oz intake)

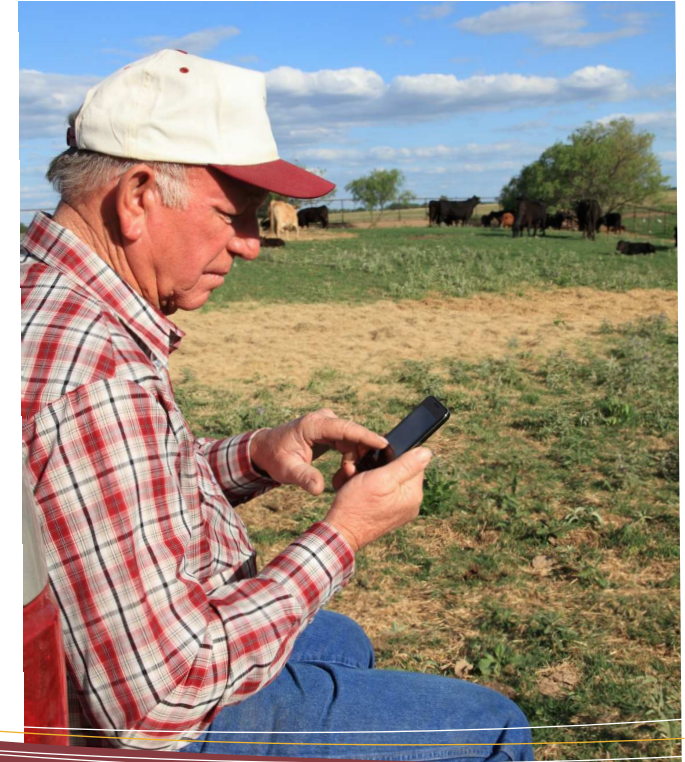
- Suther's Line 4% Phosphorus provides 4.5 g/d
- Suther's Line 8% Phosphorus provides 9.1 g/d
- Suther's Line 12% Phosphorus provides 13.6 g/d

Suther's Mineral Manager

A customized plan

- Designed annually to provide the RIGHT amounts of phosphorous, trace mineral and feed additive combinations for the changing forages and stages of production.
- Let us assist you in designing a year-round mineral program that measures your investment, calculates the returns, and predicts your ROI.
- Don't just buy mineral, buy mineral with a plan

Product Center		January	February	March	April	May	June	July	August	September	October	November	December
Phosphorus (gpd/1000)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Trace Minerals (gpd/1000)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Feed Additives (gpd/1000)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Financial Center													
Average Daily Intake (gpd/1000)													
Total Investment (gpd/1000)													
Total Return (gpd/1000)													
Net Return (gpd/1000)													
Return on Investment (%)													



Simply Right
Cattle Minerals

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www.sutherfeeds.com

Designed for your Pocket

Book and your Cattle....

105 South Kansas Frankfort , Ks. 66427

Have you ever struggled when buying cattle mineral?

IT'S NORMAL!



Suther's bridges the gap from simply buying mineral to buying mineral with a purpose and a predetermined plan.

It's normal to struggle when purchasing cattle mineral. Especially when you face a range of choices that affect your decision: which product, what price, which sales person to trust? Generally we resort to the *less is more* principal and buy the cheapest and move on. Have you ever wondered; Did I make the right choice? Do I have a plan? That's where Suther's comes in.

WHY SUTHER'S AND SIMPLY RIGHT MINERALS?

- A CUSTOMIZED APPROACH
- A MEASURED (ROI)
- FLEXABILITY
- LATEST TECHNOLOGY
- EXPERIENCE

Learn to make mineral decisions with a plan



Step One: How much phosphorous do I need?

Phosphorous is an essential and expensive macro mineral. Varying phosphorous supplementation to the cattle's stage of production and phosphorous levels of the forages allows for optimum nutrition and significantly reduces cost. It just makes sense! Green lush growing forages along with many of the co-products being fed carry high levels of phosphorous. Let Suther's assist you in determining the amount of phosphorous you need in your mineral program.

Step Two: What amount of trace minerals and from what sources?

More is not always better! A balanced ratio of minerals and vitamins ensures optimum mineral availability and cattle performance. The use of rumen bypass, hydroxy forms of zinc, copper, and manganese allow for better absorption and avoid negative interactions. Strategically targeting levels and sources of minerals is an essential tool in maximizing your ROI.

Step Three: Select Feed Additives

Feed additives have changed the way we play the game!



The ROI (return on investment) available with the strategic use of these technologies have turned mineral supplementation into a profit center for the ranch. Consulting with Suther's ensures that feeding programs and additive combinations are present to challenge cattle performance throughout the year.

Additive	*ROI	Daily Net Return
Rumensin [®]	9:1	\$.18 (calf) \$.10 (cow)
Bovatec [®]	9:1	\$.18 (calf)
Hydroxy Minerals	13:1	\$.13 (calf)
IGR [®]	4:1	\$.25 (calf)
AP5	6:1	\$.17 (calf)
MOS (mannanoglycosaccharides and beta-glucans)	4:1	\$.22 (calf)

*Estimated ROI calculated on 1-1-17 No representation of profitability is hereby made. The statements and figures shown here are estimates. Actual results will vary by the ability of animals to gain.



We're here to answer your questions about cattle nutrition:

Are you looking for nutrition consultation Call 1-800-633-4138

Or visit us online at www.sutherfeeds.com

Simply Right Mineral

Designed for your Pocket Book and your Cattle...