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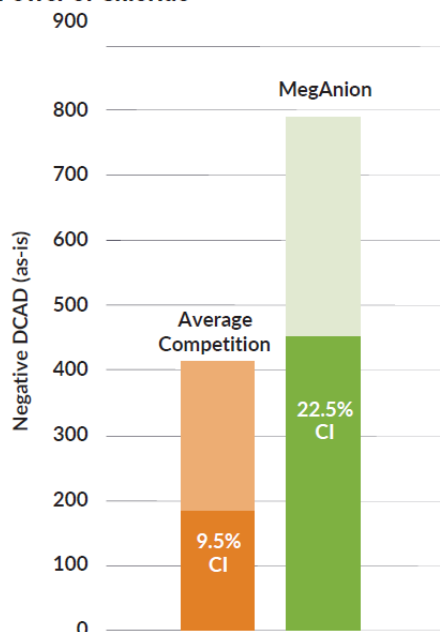
An Agricultural Company
Since 1995

High Chloride Anion Supplement for Close-up Dry Cows

Anion supplements are proven tools for reducing ration cation-anion balance (DCAD) in close-up dry cow rations to lower urine pH and reduce milk fever risk. MegAnion™ is a low-inclusion supplement, delivering very high DCAD, available magnesium, and metabolizable protein. The extruded soy crumbles assure easy handling, consistent nutrient delivery, and excellent consumption.



The Power of Chloride



Features and Benefits:

- Very high in chloride (22.5%), the power mineral for reduced urine pH.
- Very dense DCAD source, saving ration space and cost.
- Purposely designed for its application from a soy base. Not byproduct based.
- Product consistency leads to predictable reductions in urine pH.
- No impact on feed intake and suitable for top-dress.



Crumble

EASY TO:

Use, Mix and Consume

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Specifications

Ingredients:

Plant Protein Products, Ammonium Chloride, Magnesium Sulfate, Hydrochloric Acid

Packaging:

50-lb poly bags
2000-lb totes
Bulk

Physical Properties:

Retained on 1.0 mm screen –
90% Bulk density – 34 lbs/cu ft

Nutrient Specifications:

Guaranteed Analysis	Typical as-fed	Typical 100% Dry Matter
Crude protein, %	77.7 (77.5 Min)	81.50
EQV protein from NPN, %	51.0 (54.5 Max)	53.50
Chloride, %	22.6 (22.5 Min)	23.69
Magnesium, %	2.39 (2.25 Min)	2.50
Sulfur, %	2.94 (2.75 Min)	3.08
Calcium, %	0.25	0.26
Phosphorus, %	0.47	0.49
Potassium, %	1.10	1.15
Sodium, %	0.07	0.07
Cation/Anion Diff., Eq/100 g	-788.5	-827.5
Dry Matter, %	95.3	
Moisture, %	4.70%	

Usage Guidelines

General Recommendations

- The typical feeding rate for Meganion will be 0.5 to 1.0 lbs (227 to 454 grams) per cow daily.
- Feed for 2 to 3 weeks in typical close-up feeding arrangements to assure adequate acidification of all cows.
- Meganion™ may be top-dressed but it is best to introduce the product gradually and hand-mix into the bunk until the cows have fully adjusted.
- Negative DCAD rations must be balanced for key nutrients by a trained nutritionist.
- Urine pH must be monitored to assure the DCAD program is working properly. Urine pH readings can be highly variable, however, verify that urine pH is below 6.5 for most cows and higher than 5.5 for all cows.

Ration Formulation Suggestions

- The target DCAD for a fully acidified feeding program will be -10 to -15 mEq/100 g of DM (computed by Oetzel-1997 four-mineral equation using sulfur x .60).
- Target at least 0.4% magnesium in total diet DM, using quality Mg sources.
- Keep ration phosphorus at 0.4% or lower, as high P may interfere with bone calcium release.
- Ration calcium should be at least 1.5% for a fully acidified ration. Higher Ca consumes ration space and reduces total ration negative DCAD.
- Closely monitor forage potassium. Although the nutritionist will balance for incoming forage K (a cationic mineral), variable forage K is a key factor in causing unsatisfactory urine pH results.

Barentz. Always a better solution. MegAnion™ is manufactured by Barentz.

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