





The time when a calf is transitioning from passive immunity derived from colostrum to its own active immunity during its first few weeks of life are critical. Give calves the help they need during this critical time; feed CRYSTALYX® products with BIO-MOS® 2 to support overall performance. BIO-MOS® 2 is designed to feed the gastrointestinal tract, thereby maximizing performance and profitability.

## BENEFITS OF BIO-MOS® 2:

- Promotes performance at all stages
- Supports colostrum quality and newborn calf performance
- Contributes to gastrointestinal integrity and stability to aid in nutrient utilization
- Supports average daily gain
- Reinforces the health status of receiving cattle in the feedlot
- Supports economic returns







forage utilization.

## BIO-MOS® 2 SUPPLEMENT SOLUTIONS

Please refer to product labels for nutrient analysis and feeding directions.

<b>BGF-20</b> °	<b>BGF</b> -30 <sup>™</sup>	<i>NP-20</i> ™	<i>NP-27</i> ™	BREED <sup>UP®</sup> 17 MAG
20% protein with extra mineral fortification. Ideal for moderate to high- quality forages.	30% protein with extra mineral fortification. Ideal for moderate to low-quality forages.	20% high bypass protein. Ideal for all classes of beef cattle.	27% high bypass protein. Ideal for all classes of beef cattle when higher levels of rumen undegradable protein (bypass protein) are needed.	For beef cattle in preparation for calving and the breeding. Specifically formulated for situations where grass tetany conditions exist.
BREED <sup>UP®</sup> 20	BREED <sup>UP®</sup> 28	<b>BREED</b> OMEGA	BREED <sup>UP</sup> MAX	<b>M</b> ineral-lyx®
20% all-natural plant protein supplement. Ideal for overcoming nutritional stress associated with calving and the breeding period.	28% protein supplement utilizing plant protein and NPN. Ideal for overcoming nutritional stress associated with calving and the breeding period.	Self-fed 12% fat, containing Omega-3 fatty acids and fortified with increased levels of trace minerals. Ideal for either bulls or females in preparation for breeding.	Complements the mineral composition of grass or legume forages. Helps beef cows re-breed in a timely manner, especially in high demand breeding programs.	All-season mineral supplement for grazing cattle.
<b>HE-20</b> % <sup>™</sup>	HE-30% <sup>™</sup>	Beef-lyx <sup>a</sup>	SUPER MAG <sup>™</sup>	Blueprint BATTALION
20% crude protein. Provides essential supplemental nutrients to livestock consuming moderate quality forages.	Formulated for cattle grazing mid to late summer pastures or dry conditions where protein level and availability are a concern.	Formulated to help improve health and stimulate appetites of incoming feedlot cattle.	For beef cattle grazing low magnesium pastures, cool-season grasses or fall regrowth. Contains 12% all-natural plant protein and 4.4% mag.	Helps overcome nutritional stress associated with weaning, shipping, grouping and the breeding period.
Blueprint BREED 17 MAG + BIO-MOS® 2	Blueprint BREEDUP 28	Blueprint BREED <sup>UB</sup> ΩMEGA	Blueprint 6% PHOS	Blueprint 17 Mag
Contains 17% crude protein. For beef cattle consuming low-magnesium forages or grazing forages.	Contains 28% crude protein. For beef cattle on medium to lower quality forages. Ideal for breeding cows and bulls.	Combines Blueprint's premium nutrition program with omega-3 fatty acids. Ideal for cows and bulls in preparation for breeding and calving.	Highly palatable mineral supplement ideal for cattle of all production statuses on good to excellent quality summer forages.	Contains 17% crude protein. Designed to be fed to beef cattle consuming low magnesium forages or grazing forages with low- magnesium availability.
Blueprint 20% AN	Blueprint 30			
Contains 20% crude protein.  Designed to be fed to beef cattle on good to medium quality forages to help improve forage utilization.	Contains 30% crude protein. Designed to be fed to beef cattle on medium to lower quality forages to help improve	Bio-Mos® is a registered trademark of Alltech.		