



# Midcontinent Livestock Supplements

**PROVEN PERFORMANCE**

## Young Cattle Nutrient Analysis Chart

Product	<u>MLS #15</u>	<u>MLS #5</u>	<u>MLS #6</u>	<u>MLS #7</u>	<u>MLS #25</u>
Application	Hi-Energy Plus	Stress	Creep+MFP	Stocker	Stocker Mineral
Feeding Directions	½ - 1	see right	1 - 2	1 - 2	¼ - ⅓
% Protein	20 (MO&ND 24 (TX))	18	16	18	4
% Fat	10	5	5	5	5
% Crude Fiber	2.5	2.5	2.5	2.5	3
% Calcium	1.25 - 1.75	0.75 - 1.25	1 - 1.5	0.75 - 1.25	5.5-6.5
% Phosphorus	1	1	1	0.50	4.5
% Salt	none added	2	1	1	none added
% Magnesium	1.5	0.5	1	1	5
% Potassium	3	3	3	3	3.5
Copper ppm	670	345	160	260	1140
Cobalt ppm	37	14	5.5	18	84
Iodine ppm	50	70	34	25	100
Manganese ppm	795	510	230	395	1750
Selenium ppm	4.5	6	3	2.2	9
Zinc ppm	1800	1,440	675	900	3900
Vit. A IU/LB	110,000	150,000	75,000	55,000	220,000
Vit. D IU/LB	20,000	28,000	13,500	10,000	40,000
Vit. E IU/LB	100	300	68	50	200
Vitamin C	√	√	√	√	√
9 B-Vitamins	√	√	√	√	√
<i>aspergillus oryzae</i>	√	√	√	√	√
Availa®4	√	√	√	√	√
Celmanax™ SCP	Available	√	Available	Available	Available
MFP™ Methionine		Available	√	Available	Available

CELMANAX™ SCP can be effective in reducing the incidence and/or severity of bovine respiratory disease (BRD) and scours caused by E. coli or salmonella. By including CELMANAX™ SCP in the diet, shorter recovery rates and decreased severity of coccidiosis can be observed.

Zinpro Availa®4 provides copper, zinc, manganese, and cobalt from bioavailable organic sources to aid fertility, soft tissue health, bone and joint development, and Vit-B absorption.

Novus® MFP™ is a highly bioavailable source of methionine, the first limiting amino acid in cattle on high forage diets.

**Feeding Directions MLS #5:**  
Feed total of 20 lbs per head then switch to appropriate MLS product. (example 100 calves X 20 lbs equals 2000 lbs total fed then switch to appropriate MLS product)

**Beginning January 1, 2018, vitamin A,D & E levels are subject to change due to price and availability.**