

Mega Min

USDA/NOP Custom Protein Blends

MegaMin USDA/NOP Custom Protein Blends provide natural broad spectrum macro and trace minerals with additional protein meal at inclusion rates ranging from 10% to 50% to accommodate stock requirements. Lower protein inclusion rates (10-20%) can be used to assist mineral intake where consumption rate is low. Higher protein inclusion rates (30-50%) can be used in dry feed conditions, during early weaning or in situations where additional protein is required to help promote rumen function.

Rumen microbes break down fibrous fodder and are essential to convert feed into energy (Volatile Fatty Acids or VFA). Protected protein provides a sustained source of ammonia for rumen microbes to reproduce, enhancing the rate of digestion and stimulating appetite to help keep the animal effectively grazing.

Attributes

- ▶ Compliant with United States Department of Agriculture (USDA) National Organic Program (NOP) and domestic organic standards.
- ▶ Provides protected protein meal for extended grazing.
- ▶ Stimulates appetite to help optimise dry feed intake.
- ▶ Lower protein inclusion rates assist with mineral intake.
- ▶ Higher protein inclusion rates provide a significant protein source for dry feed conditions.
- ▶ Can help assist bacterial protein synthesis and subsequent animal performance.

Feeding Guide: 10-20% Protein Meal

Recommended daily intake is 10-20g/100kg body weight/day.

	FEED RATE (g/day)
Cattle	40-100
Sheep and Goats	5-10
Horses	30-80

Feeding Guide: 30-50% Protein Meal

Recommended daily intake is 40-80g/100kg body weight/day.

	FEED RATE (g/day)
Cattle	200-400
Sheep and Goats	20-40
Horses	100-200

Initial consumption rates may be higher due to salt or mineral cravings.

Suitable For

Year-round supplementation	✓
Weaners/breeders	✓
Stock grazing drought, frosted or dry pasture	✓
Crop stubble/straw	✓
Certified organic production systems	✓



Protein and Mineral Supplement for Optimum Production, Health and Fertility in Organic Farming Systems



TYPICAL ANALYSIS (DMB)	USDA/NOP 10% Protein Meal	USDA/NOP 20% Protein Meal	USDA/NOP 30% Protein Meal	USDA/NOP 40% Protein Meal	USDA/NOP 50% Protein Meal
Calcium (Ca)	9.6%	8.5%	6.7%	5.5%	4.6%
Phosphorus (P)	1.9%	1.8%	1.3%	1.1%	1.2%
Sulphur (S)	1.4%	1.2%	1.1%	1.0%	0.7%
Magnesium (Mg)	2.5%	2.1%	1.8%	1.5%	1.1%
Potassium (K)	1.7%	1.7%	1.8%	1.8%	1.7%
Silicon (Si)	16.5%	14.1%	12.4%	10.0%	7.3%
Iron (Fe)	4.1%	3.5%	3.0%	2.5%	1.8%
Manganese (Mn)	0.12%	0.11%	0.08%	0.07%	0.06%
Zinc (Zn)	282.0mg/kg	252.0mg/kg	185.0mg/kg	146.0mg/kg	132.0mg/kg
Copper (Cu)	72.0mg/kg	62.0mg/kg	51.0mg/kg	41.0mg/kg	32.0mg/kg
Cobalt (Co)	23.0mg/kg	19.0mg/kg	17.0mg/kg	14.0mg/kg	10.0mg/kg
Selenium (Se)	0.8mg/kg	0.7mg/kg	0.6mg/kg	0.5mg/kg	0.3mg/kg
Iodine (I)	1.9mg/kg	2.8mg/kg	3.8mg/kg	4.7mg/kg	5.7mg/kg
Molybdenum (Mo)	5.2mg/kg	4.5mg/kg	3.7mg/kg	3.0mg/kg	2.4mg/kg
Boron (B)	14.0mg/kg	12.0mg/kg	10.0mg/kg	8.0mg/kg	6.0mg/kg
Salt (NaCl)	4.0%	6.0%	8.0%	10.0%	12.0%
Protein Meal	10.0%	20.0%	30.0%	40.0%	50.0%
Crude Protein	4.5%	9.1%	13.7%	18.4%	23.1%
Dry Matter (DM)	96.0%	95.5%	95.1%	94.6%	94.1%

Available in 20kg Bags and 1t Bulk Bags.



10%
PROTEIN
MEAL



20%
PROTEIN
MEAL



30%
PROTEIN
MEAL



40%
PROTEIN
MEAL



50%
PROTEIN
MEAL