

RANGE FORCE (CONTINUED)

RANGE FORCE 12 is formulated for mature fall and winter forages and average to low quality grass and meadow hays. Higher phosphorus level to help with phosphorus deficiencies in mature forages.

Calcium.....	12 %
Phosphorus ...	12 %
Salt.....	12 %
Magnesium ...	1 %
Potassium.....	0.5 %
Copper.....	1600 ppm
Iodine.....	150 ppm
Manganese.....	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A.....	300,000 IU/LB
Vitamin D.....	30,000 IU/LB
Vitamin E.....	300 IU/LB
ITEM#.....	54136

RANGE FORCE 14 is formulated for low quality forages or winter range with typically severe phosphorus deficiency.

Higher phosphorus level to help with phosphorus deficiencies in mature forages.

Calcium.....	11 %
Phosphorus ...	14 %
Salt.....	9 %
Magnesium ...	1 %
Potassium.....	0.5 %
Copper.....	1600 ppm
Iodine.....	150 ppm
Manganese.....	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A.....	300,000 IU/LB
Vitamin D.....	30,000 IU/LB
Vitamin E.....	300 IU/LB
ITEM#.....	54137

RANGE FORCE HIGH EDDI is formulated for livestock on pastures that are wet and marshy or in wet and mucky feedlots.

Calcium.....	4.5 %
Phosphorus ...	3 %
Salt.....	70 %
Copper.....	1600 ppm
Iodine.....	800 ppm
Manganese.....	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
ITEM#.....	777845

HOW TO FEED:

- ▶ Minerals should be offered in mineral feeders free-choice at all times
- ▶ Consumption can vary due to the quality of the pasture or forage available
- ▶ Mineral feeders should be in areas frequented by the cattle (preferably near the drinking water, which should always have clean, fresh water)
- ▶ Provide 1 mineral tub per 25 head to allow for easy access to mineral
- ▶ Normal consumption of IFA ICBM minerals should be around 4 oz./head/day. If cattle consume more/less than these levels, move the feeders further or closer to the general resting or watering area.
- ▶ Introduce minerals gradually over a 14 day period. Offer 3-4 ounces per head per day during this period to avoid over consumption.

RANGE FORCE WEANING/BACKGROUNDING

CTC/BIO-MOS®2* is formulated with a high concentration of essential vitamins and minerals for the critical period of weaning calves. To be fed 30-45 days prior to weaning. Continue feeding 45-60 days post weaning to increase immune function and better nutrient digestibility.

Organic trace minerals are added to improve mineral absorption, immune systems and reproductive function. Contains Chlortetracycline at 1400 mg/lb. (VFD Required) (Also available with Bio-Mos®2* only - #3667911)

Calcium.....	12 %
Phosphorus ...	10 %
Salt.....	12 %
Magnesium ...	1 %
Potassium.....	0.5 %
Copper.....	2000 ppm
Iodine.....	150 ppm
Manganese.....	4800 ppm
Selenium.....	26 ppm
Zinc.....	6000 ppm
Vitamin A.....	300,000 IU/LB
Vitamin D.....	30,000 IU/LB
Vitamin E.....	800 IU/LB
ITEM#.....	3669237

RANGE FORCE BREEDING AF W/BIO-MOS®2*

mineral is designed to provide vitamin and mineral nutrition to replacement heifers, cows, and bulls in an effort to support optimal fertility and performance. Formulated for the critical period from 60 days before calving until the cows are again pregnant. Organic trace minerals are added to improve mineral absorption, immune systems and reproductive function.

Calcium.....	12 %
Phosphorus ...	10 %
Salt.....	12 %
Magnesium ...	1 %
Potassium.....	0.5 %
Copper.....	2000 ppm
Iodine.....	250 ppm
Manganese.....	6400 ppm
Selenium.....	26 ppm
Zinc.....	8000 ppm
Vitamin A.....	300,000 IU/LB
Vitamin D.....	30,000 IU/LB
Vitamin E.....	800 IU/LB
ITEM#.....	773964

WHY MINERALS ARE IMPORTANT:

- ▶ Minerals play vital roles in body metabolism and are necessary to build and maintain an active immune system, healthy tissues, and overall animal health.
- ▶ Trace Minerals help cows prepare for, and recover from production stresses during gestation, calving and lactation.
- ▶ Vitamins A, D, and E play key roles in the maintenance of optimum health, growth, and reproductive performance.
- ▶ Mineral supplements are fed to cattle that are grazing forage which can meet their needs for energy and protein, but lacks the balance of minerals essential for achieving desired levels of animal performance and health.
- ▶ An effective mineral program considers area specific problems, mineral history of the cattle, present nutrient requirements, quality of forage and water, as well as mineral formulation and intake.

NOTE: Individual mineral, trace mineral and vitamin requirements of cattle depend on stage of production (gestation or lactation), size and age of animal. Likewise, the mineral, trace mineral and vitamin content of forages depends on geographical location and stage of forage growth. Please consult your sales representative or nutritionist, if you have questions about mineral supplementation.

***BIO-MOS®2** is able to support immune defense, gut microbial health and gut function and development, thereby promoting overall health and performance. A registered product from Alltech®.

CAUTION: These mineral products, which contain added copper, should not be fed to sheep or related species that have a low tolerance level to copper.



IFA's ICBM Mineral Line

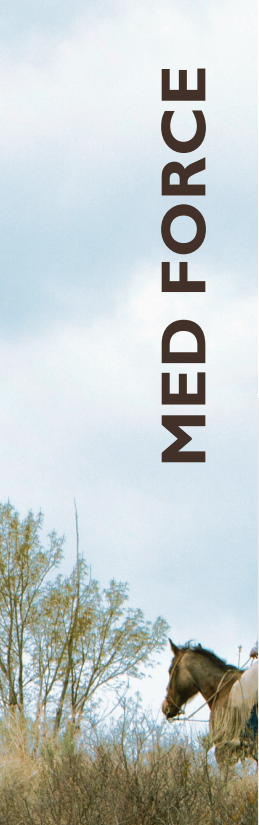


IFA's ICBM Minerals give you the nutritional power you need to knockout nutritional deficiencies.

They call them "micronutrients" for a reason, it doesn't take much, but those little nutrients get big results.

Little things make all the difference, especially the right vitamin and mineral nutrition for your cattle.

Fertile Cows ➔ Healthy Calves ➔ Quality Cattle



MED FORCE

MED FORCE B is a free-choice, medicated mineral designed to be fed to replacement heifers and growing cattle. It supplements good quality pasture or hay. It contains Bovatec® at 720 mg per pound for increased rate of weight gain in pasture, slaughter, stocker, feeder cattle and dairy and beef replacement heifers. It also aids in coccidiosis prevention. (Also available with Bio-Mos®2* - #3462002, and with weatherizing agent - #3668515)

Calcium.....	14 %
Phosphorus ...	6.5 %
Salt	20 %
Magnesium ...	1.2 %
Potassium	2 %
Copper	900 ppm
Iodine	100 ppm
Manganese ...	2200 ppm
Selenium.....	20 ppm
Zinc.....	2700 ppm
Vitamin A	125,000 IU/LB
Vitamin D	12,000 IU/LB
Vitamin E.....	100 IU/LB
ITEM#.....	54140

MED FORCE CTC supplements good quality pasture or hay. It contains Chlortetracycline as an aid in the prevention of bacterial pneumonia and shipping fever in cattle and as an aid in reduction of losses due to respiratory infection. Contains CTC at 1400 mg per pound and a high vitamin and trace mineral level. (VFD Required) (Also available with Bio-Mos®2* - #758347 and with Bovatec® and Winterized - #3400175)

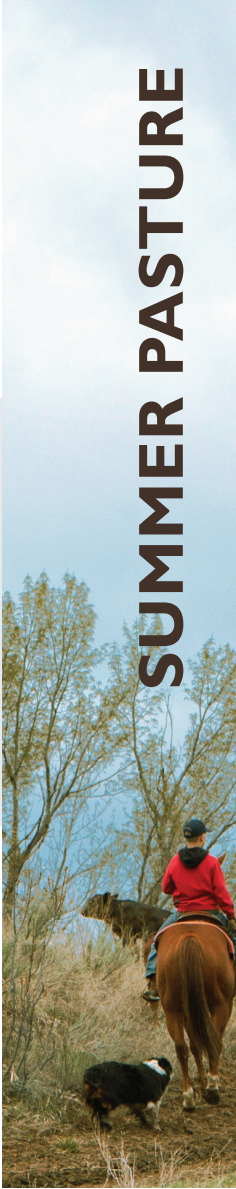
Calcium.....	15 %
Phosphorus ...	8 %
Salt	15 %
Magnesium ...	1 %
Potassium	0.5 %
Copper	1600 ppm
Iodine	150 ppm
Manganese ...	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A	300,000 IU/LB
Vitamin D	30,000 IU/LB
Vitamin E.....	300 IU/LB
ITEM#.....	54141

PRIME FORCE AF is the top of the line premium formula for use under most feed conditions where a high level of vitamin/mineral nutrition is desired. Specific applications include breeding season, stress and disease challenges, and overcoming severe deficiencies. Organic trace minerals are added to improve mineral absorption, immune systems and reproductive function. (Also available with added Bio-Mos®2* - #3668369)

Calcium.....	12 %
Phosphorus ...	8 %
Salt	12 %
Magnesium ...	1.5 %
Potassium	0.5 %
Copper	2000 ppm
Iodine	200 ppm
Manganese ...	4800 ppm
Selenium.....	26 ppm
Zinc.....	6000 ppm
Vitamin A	300,000 IU/LB
Vitamin D	30,000 IU/LB
Vitamin E.....	800 IU/LB
ITEM#.....	54138

MAG FORCE contains a high magnesium level. It is designed specifically for cattle on range, wheat pastures or when grazing lush, fast growing pastures in spring and early summer when "grass tetany" may be a problem. Also maintains trace mineral nutrition in a palatable, dust-free mix.

Calcium.....	9 %
Phosphorus ...	3 %
Salt	18 %
Magnesium ...	10 %
Potassium	0.3 %
Copper	1400 ppm
Iodine	150 ppm
Manganese ...	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A	100,000 IU/LB
Vitamin D	20,000 IU/LB
Vitamin E.....	100 IU/LB
ITEM#.....	54139



SUMMER PASTURE

SUMMER PASTURE is formulated for good quality spring and summer forages. Trace minerals are essential for life. Supplemental trace minerals are well absorbed and important for optimum productivity. An economical product designed to maintain a high level of trace mineral nutrition while meeting the salt requirement on lush pastures.

Calcium.....	13 %
Phosphorus ...	4 %
Salt	28 %
Magnesium ...	1.5 %
Potassium	0.3 %
Copper	1400 ppm
Iodine	150 ppm
Manganese ...	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A	100,000 IU/LB
Vitamin D	20,000 IU/LB
Vitamin E.....	100 IU/LB
ITEM#.....	54134

SUMMER MED FORCE RU/CLA is formulated with ClariFly® (IGR*) to prevent the development of flies in the manure of treated cattle during the summer fly season. Contains Rumensin® at 800 mg per pound for increased rate of weight gain in slaughter, stocker, feeder cattle and dairy and beef replacement heifers. Also aids in coccidiosis prevention.

Calcium.....	13 %
Phosphorus ...	4 %
Salt	28 %
Magnesium ...	1.5 %
Potassium	0.35 %
Copper	1400 ppm
Iodine	150 ppm
Manganese ...	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A	100,000 IU/LB
Vitamin D	20,000 IU/LB
Vitamin E.....	100 IU/LB
ITEM#.....	62384

Works fast, is long-lasting and low cost prevention of large fly populations.
*IGR = Insect Growth Regulator.

SUMMER PASTURE ALT is formulated with Altosid® (IGR*) to prevent the development of horn flies in the manure of treated cattle during the summer fly season. An economical mineral designed to maintain a high level of trace mineral nutrition. Altosid® passes through the digestive system into the manure and it breaks the horn fly life cycle, preventing pupae from developing into biting adult flies.

Calcium.....	13 %
Phosphorus ...	4 %
Salt	28 %
Magnesium ...	1.5 %
Potassium	0.35 %
Copper	1400 ppm
Iodine	150 ppm
Manganese ...	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A	100,000 IU/LB
Vitamin D	20,000 IU/LB
Vitamin E.....	100 IU/LB
ITEM#.....	65021

Begin feeding ClariFly® or Altosid® minerals early in the spring 30 days before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity. Early prevention is key, since they do not control adult flies.

RANGE FORCE 5 is formulated with Amaferm. When forages are maturing and more help is needed to increase the digestibility of those forages. It delivers more microbial protein and energy to the animal through increased digestibility by stimulating fungal branching, microbial enzyme activity and bacterial growth to the animal. (Also available in totes - #830480, or with added Garlic, a natural insect repellent - #830481 in 50lb. bag or #830482 in totes)

Calcium.....	11 %
Phosphorus ...	5 %
Salt	17 %
Magnesium ...	3 %
Potassium	2 %
Copper	1500 ppm
Iodine	200 ppm
Manganese ...	2250 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A	300,000 IU/LB
Vitamin D	30,000 IU/LB
Vitamin E.....	200 IU/LB
ITEM#.....	830479



RANGE FORCE

RANGE FORCE 6W AF is an excellent all-around mineral formulated for good quality forages and when phosphorus is adequate in the forage. Organic trace minerals are added to improve mineral absorption, immune systems and reproductive function. This also contains a weatherizing agent to improve water resistance, reduce waste and to keep your mineral loose and palatable even on the wettest days.

Calcium.....	14 %
Phosphorus ...	6 %
Salt	22 %
Magnesium ...	1 %
Potassium	0.5 %
Copper	1600 ppm
Iodine	150 ppm
Manganese ...	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A	300,000 IU/LB
Vitamin D	30,000 IU/LB
Vitamin E.....	300 IU/LB
ITEM#.....	3667935

RANGE FORCE 7W AF is an excellent all-around mineral formulated for medium to good quality forages beginning to mature in summer or fall, and medium to good quality grass hay or alfalfa hays. Organic trace minerals are added to improve mineral absorption, immune systems and reproductive function.

Calcium.....	14 %
Phosphorus ...	7 %
Salt	20 %
Magnesium ...	1 %
Potassium	0.5 %
Copper	1600 ppm
Iodine	150 ppm
Manganese ...	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A	300,000 IU/LB
Vitamin D	30,000 IU/LB
Vitamin E.....	300 IU/LB
ITEM#.....	3668088

Contains a weatherizing agent to improve water resistance, reduce waste and keep your mineral loose and palatable even on wet days. (Also available with Bio-Mos®2* - #3668973)

RANGE FORCE 8 is an excellent all-around mineral formulated for medium to good quality forages, and medium to good quality grass hay or alfalfa hays. (Also available weatherized - #81093, with Amaferm & Bio-Mos®2* - #68474, with Bio-Mos®2* - #3667911, with CTC/Bio-Mos®2* - #3668568, and with High Copper and Altosid - #806851)

Calcium.....	14 %
Phosphorus ...	8 %
Salt	20 %
Magnesium ...	1 %
Potassium	0.5 %
Copper	1600 ppm
Iodine	150 ppm
Manganese ...	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A	300,000 IU/LB
Vitamin D	30,000 IU/LB
Vitamin E.....	300 IU/LB
ITEM#.....	54135

RANGE FORCE 10 is formulated to allow you to match your mineral program to the nutritional needs of your cattle and the changing conditions of your forages. Range Force 10 delivers excellent mineral nutrition before calving, helping to boost the immune status, increase colostrum quality and overall health of cows, bulls and calves.

Calcium.....	14 %
Phosphorus ...	10 %
Salt	16 %
Magnesium ...	1 %
Potassium	0.5 %
Copper	1600 ppm
Iodine	150 ppm
Manganese ...	3800 ppm
Selenium.....	26 ppm
Zinc.....	4800 ppm
Vitamin A	300,000 IU/LB
Vitamin D	30,000 IU/LB
Vitamin E.....	300 IU/LB
ITEM#.....	58592



PRIME FORCE



MAG FORCE