



This Product Information Sheet is not intended to replace the Product Label. Always read the Product Label for the most current nutrient content and feeding directions.

# Blueprint® Shade Mineral with ClariFly®

Product #74079

## Feeding Applications

Ideal for cattle of all production stages on good to excellent quality forages.

## Product Features

CRYSTALYX® Blueprint® Shade Mineral with ClariFly® is a premium quality mineral/vitamin supplement ideal for cattle of all production stages. In addition to the benefits of Blueprint, Shade keeps cattle cool during periods of heat stress, plus includes ClariFly for the prevention of the emergence of house flies, horn flies, face flies and stable flies from the manure of treated cattle.

- Ideal for cattle of all production stages on good- to excellent-quality forages
- This premium mineral package provides essential macrominerals alongside the Blueprint advanced nutritional program, which features 100% Bioplex® organic trace minerals
- Uniquely formulated with Shade technology — including capsicum, a natural essential oil derived from the chili pepper that is known to help reduce the effect of heat stress in animals by improving their natural cooling systems, thereby increasing performance and feed intake during heat stress
- Includes [ClariFly](#) to help prevent the emergence of house flies, horn flies, face flies and stable flies from the manure of treated cattle

## Ingredients

Molasses Products, Monocalcium Phosphate, Dicalcium Phosphate, Magnesium Oxide, Calcium Carbonate, Vegetable Oil, Zinc Proteinate, Copper Proteinate, Manganese Proteinate, Processed Grain By-Products, Cobalt Proteinate, Plant Protein Products, Ethylenediamine Dihydroiodide, Selenium Yeast, Natural Flavor, Roughage Products, Vitamin E Supplement, Vitamin A Supplement, Vitamin D-3 Supplement, Mineral Oil

## Nutrition Information

Crude Fat (min)	3%
Crude Fiber (max)	3%
Calcium	6% - 7.2%
Phosphorus (min)	6%
Magnesium (min)	3.5%
Potassium (min)	1.7%
Vitamin A (min)	200000 IU/lb
Vitamin D3 (min)	20000 IU/lb
Vitamin E (min)	200 IU/lb
Cobalt (min)	72 ppm
Copper (min)	675 ppm
Iodine (min)	90 ppm
Manganese (min)	945 ppm
Selenium (min)	13.2 ppm
Zinc (min)	1980 ppm

## Usage Guidelines

**Placement:** Provide Crystalyx Blueprint Shade Mineral with ClariFly as a free-choice source of minerals for your cattle.

**Relocation:** Not applicable in this context.

**Accessibility:** Allow free choice to cattle.

**Quantity:** Cattle should consume an average of 0.4 oz of Crystalyx Blueprint Shade Mineral with ClariFly per 100 lbs of animal body weight per day, which is equivalent to 4 oz per day for a 1,000-lb cow.

**Monitoring:** When used as directed, it will provide sufficient ClariFly to inhibit fly emergence from the manure of treated cattle. Existing adult flies will not be affected. Start feeding this product early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

## Additional Feeding Information

1. Assure cattle are not starved for nutrients prior to feeding this block.
2. This product contains added copper. Do not feed to sheep and other species that have a low tolerance to supplemental copper. Do not use in association with feeds containing supplemental selenium.
3. Offer cattle one Crystalyx Blueprint Shade Mineral with ClariFly for every 15 to 25 head.
4. Remove all other self limiting nutritional supplements.
5. Locate Crystalyx Blueprint Shade Mineral with ClariFly where cattle congregate (watering, loafing, shade areas).
6. Replenish Crystalyx Blueprint Shade Mineral with ClariFly on a regular basis as needed.
7. If intake of this block is below 0.4 oz. per 100 lbs animal body weight per day for cattle, increase the number of feeding locations and/or change locations to areas more frequented by cattle.
8. If intake of this block is above 0.4 oz per 100 lbs animal body weight per day for cattle, reduce the number of feeding locations and/or change locations to areas less frequented by cattle.
9. Introduction of this product after adult fly infestation is established may require treatment of cattle with supplemental sprays to reduce the adult fly population coming from outside sources.

**ACTIVE INGREDIENT: Diflubenzuron (CAS #35367-38-5) .....0.04% OTHER INGREDIENTS**  
.....99.96% **TOTAL** .....100.00% Contains  
181.6 mg of diflubenzuron per pound.