

# How to use Mistral . . .

## Stalls

Sprinkle 1/2 cup on back third of stall daily, or 1 cup\* every other day, as needed.

## Calf Pens

Sprinkle 1-2 cups per hutch or individual pen daily, or every few days as needed.

## Maternity Pens

Sprinkle 2-4 or more cups over a 144 sq. ft. area (12 x 12 ft) daily, or every few days as needed.

\*1 cup = 1/2 lb. or 8 oz.

## Composition

- Seaweed concentrates
- Vegetable absorbents
- Mineral absorbents
- Alginates
- Essential oils
- Trace elements



# Mistral<sup>®</sup>



A sanitizing powder that lessens the incidence of mastitis and improves the environmental conditions for calves.

**A Safe & Environmentally Friendly Product.**

**Used effectively for over 10 years.**

## Mistral helps reduce somatic cell counts and the incidence of mastitis.

### STALLS



- Environmental pathogens are a major cause of mastitis. They require moisture to survive. The pathogens enter the teat canal when the ends of the teat come in contact with wet surfaces.
- ◆ Mistral absorbs moisture and other fluids in stalls, reducing the amount of pathogens found in bedding and on mats.

## Mistral helps fight mastitis originating in the maternity pen by absorbing moisture needed by pathogens.

### MATERNITY PENS



- Thirty to fifty percent of mastitis cases start in the maternity pen. The cow is very susceptible at this time as her immune system is low and the teat canals are open.
- ◆ Mistral keeps the bedding dry and clean, reducing the amount of mastitis-causing pathogens the cow and calf are exposed to.

## Mistral improves environmental conditions for calves.

### CALF RAISING



- Ammonia gas found in urine increases the chance of respiratory disease by impairing the calf's defense systems.
- ◆ Mistral hinders the conversion of urine, found in wet bedding, to ammonia gas. The drier the bedding, the fewer disease-causing pathogens the calf is exposed to. This creates an environment that encourages improved feed conversion, higher growth rates and healthier calves. Mistral also repels flies through use of dry oils in the powder.

## Mistral improves foot health of cows.

### DRY FOOT BATH



- Lameness is the third leading cause of economic loss in the dairy industry behind reproductive problems and mastitis.
- ◆ Mistral helps heal lesions and cuts that allow wart-causing bacteria to infect exposed tissue on the back of the cow's heel. The dry oils and clay in Mistral remove dead skin cells and keep tissue bacteria-free, allowing skin to heal quickly.