

FEEDING DIRECTIONS

Top dress microbiSTART at a rate of 750 grams per head per day (1 g = 0.035 oz) to fresh lactating dairy cows receiving high grain or concentrate rations.

STORAGE

Keep bags closed. Store in cool, dry area for maximum stability. Avoid leaving bag open for extended periods of time.

microbiSTART™

**BUFFER PAK
FOR DAIRY FEEDS**

Distributed by



www.stargroproducts.ca
1-800-798-9204

Tel 519-228-6444 • 1-800-265-2904 • Fax 519-228-6560
Email kpalen@kenpal.on.ca • www.kenpal.on.ca

TM Trademark of Kenpal Farm Products Inc. 07/08 PRINTED IN CANADA

**START YOUR FUTURE NOW WITH OUR
RESEARCH-PROVEN PRODUCTS – EACH ONE
TARGETED TO PROVIDE A SPECIFIC SOLUTION.**



Gives fresh cows extra energy and the essential nutrients for a speedy recovery from calving.

As pressures increase for producers to reduce or eliminate medications in their feeding programs, it is of utmost importance that our livestock be fed the safest, most natural ingredients possible.

Research has demonstrated that ingredients contained in this product provide essential nutrients to get fresh cows off to a good start after calving and a return to good condition for lactation. Cows that recover quickly are bound to have less metabolic problems such as milk fever and related disorders.

THE CHALLENGE

After calving, cows need a lot of energy and electrolytes but cannot eat enough to meet their requirements. During this period, they depend on their body energy stores to meet the demand. If feed intakes are not increased smoothly, many problems can arise, such as ketosis, milk fever, cows not peaking well, delayed breeding, etc.

THE SOLUTION

microbiSTART™ is a unique product containing very high quality, palatable ingredients such as yeasts, sugars, calcium propionate, sodium bicarbonate, niacin, naturally-occurring microorganisms, potassium chloride, magnesium oxide and a natural flavouring agent. This product contains other essential nutrients and has been developed specifically for use when fresh cows need additional energy.

WHEN TO USE microbiSTART

microbiSTART can be used to get fresh cows back on feeds smoothly with minimal problems. It should be fed immediately after calving and may be continued for up to two weeks, depending on the cows' condition.

HOW TO USE IT

microbiSTART should be fed at a rate of 750 grams per cow per day and can be:

- mixed in the premix, grain mix, proteinmix or TMR
- topdressed

POTENTIAL BENEFITS

- provides an immediate source of energy for the rumen bugs and the animal
- stimulates fibre-digesting bacteria by providing nutrients for these rumen bacteria
- provides potassium for maximum activity of the rumen microbes
- helps restore body fluids lost after calving
- provides the buffering capacity required for maximum activity of the rumen bacteria
- promotes dry matter intake and increases ration digestibility
- increases energy balance in early lactation cows
- reduces excessive weight loss during early lactation