



KANZY MEDIPHARM

BIO-YEAST

INCREASE YOUR PROFIT



BOOSTING LIVESTOCK PRODUCTION

Bio-yeast is all composed of natural ingredients, primarily of high strength live yeast culture selected from three strains of *Saccharomyces cerevisiae* with high fermenting capacity, microencapsulated and bile resistant *Lactobacillus casei*, *Lactobacillus acidophilus*, *Bacillus subtilis* and *Streptococcus faecium*.

BENEFITS

Bio-Yeast is all made of natural ingredients, with no withdrawal time. It provides Immuno stimulatory effects, stabilization of gut microflora, digestion improvement, and reduces the occurrence of diarrhea.

Bio-Yeast also contributes to reduce mortality rate, with effectiveness for young animals, due to their unstabilized microflora gut and their poorly developed immune system.

Bio-Yeast Improves feed digestibility with significant improvement in feed efficiency, average daily gain, flock uniformity, livability and increase in reproductive performance.

The stability process used for BIO-YEAST manufacturing gives BIO-YEAST the ability to withstand the heat of pelleting process (up to 85°C), which means BIO-YEAST can be incorporated in a pelleted feed with minimum loss of activity.

FOR BEEF CATTLE:

1. Improves dry matter and fiber digestibility and optimizes growth potential.
2. Increases feed intake and live weight gain throughout both the growing and finishing phases.
3. Increased efficiency of meat production, less feed required for per pound of gain.
4. Improves conception rate and reduces calving interval and breed back.
5. Improves body and coat condition, improves overall herd health.
6. Produces stronger, healthier calves that wean heavier.
7. Reduces effects of stress on beef quality and improved efficacy of meat production.
8. The beef replacement heifers reach puberty earlier and heavier, this helps them enter the herd as productive animals at a younger age.

FOR CALVES:

1. When calf is weaned off milk or milk replacer at an early age **BIO-YEAST** encourages calf to feed by helping to stimulate appetite for dry food, increased solid food intake hastened rapid rumen development.
2. Promotes a more efficient intestinal microflora population and better FCR.
3. Reduces stress from heat or shipping.
4. Improves calf health: reduction in incidence of scour, septicemia, pneumonia and bloat.
5. Reduces medical and labor cost with healthier calf.
6. Stimulate antibody production and activates the calf's natural immunity to diseases.



kanzymedipharm A CANADIAN COMPANY

■ E-mail: info@kanzymedipharm.com ■ Website: www.kanzymedipharm.com



KANZY MEDIPHARM

Bio-Yeast®



FOR DAIRY CATTLE

1. Increases milk production, higher in butterfat and protein.
2. Cows maintain milk production longer with shorter dry period.
3. Lower SCC (Somatic Cells Count) milk contains more casein, the primary cheese protein, will get better price.
4. Breed earlier, milk sooner.
5. Increases first lactation milk and total life time milk.
6. Improves Reproductive Efficiency: earlier heat, less open day, fewer services per conception, higher conception rate.

FOR BROILERS:

1. **Efficient Feed Digestion:** Corn and other small grains contain valuable nutrients locked up within the grain's cell walls. BIO-YEAST's multiple and potent enzymes can degrade these indigestible fibers in the feed and unlock the nutrients in feed. BIO-YEAST assists in eliminating this anti-nutritive fiber enables more efficient feed digestion and save feed cost.
2. **Reduction in Pathogen Proliferation:** BIO-YEAST contains viable yeast cells and beneficial lactic acid-producing bacteria, thus reduces the proliferation of pathogenic bacteria in the intestinal tract of broiler. This reduces the risk of infection by opportunistic bacteria like Clostridium perfringens, Salmonella typhimurium and Escherichia coli. Clostridium perfringens causes necrotic enteritis in broiler, results in weight loss and poor feed conversion.
3. **Improved shank and skin color:** Broiler skin color is critical for product marketing BIO-YEAST minimizes the invasion of the intestinal linings and facilitates optimal absorption of carotenoid pigments to achieve desired shank and skin pigmentation in broilers.

4. **Decreased Carcass Condemnation:** Carcass condemnation due to microbial contamination by Salmonella (especially S.typhimurium and S. enteritis) in broiler industry has devastating effects. Mannan-oligosaccharide and Beta-Glucan can elicit an immunomodulating effects. Thus the routine use of BIO-YEAST not only reduces bacterial crop content, but also improves response to medication, which are of great benefits to the broiler producers. Broiler fed with BIO-YEAST has a noticeably higher dressing percentage.
5. **Improvement of Body Weight Uniformity:** Bio-Yeast's enzymes (especially xylanase) improve the digestion of monogastric animal and reduce variability in body weight amongst birds within a flock, result in more uniform production. This improvement creates additional margins in the processing plant by reducing the percentage of valuable parts, such as breasts, which fall below the desired specification within any given flock and reducing the trim loss of valuable parts which fall above the desired specification, therefore the through put is increased.

FOR LAYERS:

1. Improvement of egg shell quality, egg weight, yolk color, shell strength, packaging strength.
2. Higher percentage of larger eggs and less egg shell abnormality.
3. Restores egg production during convalescence period.
4. An excellent early peak with persistency of production at higher level.
5. BIO-YEAST can provide the extra nutrients that older hens need for egg shell formation, reduce losses from under-grades, cracks and mortality, especially for layers above 45 weeks.



kanzymedipharm

■ E-mail: info@kanzymedipharm.com ■ Website: www.kanzymedipharm.com



KANZY MEDIPHARM

Bio-Yeast®



6. Bone density: Ensuring maximum bone density and maintaining bone mass into the laying cycle. Layers less likely to succumb to cage layer fatigue or develop egg shell quality problem later in the laying cycle.
7. Improved lay persistence: When BIO-YEAST is used throughout the entire production cycle, layer can more effectively utilize calcium and phosphorus in their diet. This results in producing more eggs.
8. Reduce eggs contamination by Salmonella: several Salmonella serotypes entering the intestinal tract can proliferate in the ovaries causing contamination of egg for consumption as well as of those to be hatched, entailing vertical transmission. Salmonella also spreads to poultry meat due to carcass manipulation of birds with infected intestine and endanger human health. BIO-YEAST is an efficient tool in overcoming this problem.

COMPOSITION

Yeast Culture, Lactic Acid Bacteria, Enzyme Producing Bacteria, Chelated and Organically Bound Minerals (iron-copper-zinc-manganese), Toxin-Binder(Clinoptilolite), Yucca Schidigera Extract, Aspergillus oryza fermentation extract and fermentation soluble, Vitamins (Vitamin B-Vitamin D – Vitamin E), Molasses, distillers grain.

PHYSICAL AND CHEMICAL CHARACTERISTIC:

Light to medium brown powder

Odor: Strong pleasant yeast aroma

Bio-yeast is slightly hygroscopic and has a solubility of about 8-9 grams per 100 ml of water.

FEEDING DIRECTIONS:

Poultry:250-500g/ MT of finished feed

Cattle: 5g - 8g/head/day

Swine: 250g-500g/ MT of finished feed

Goat, Sheep, Horse : 5g - 8g/head/day

PACKAGING:

Bio-yeast is available in 10, 25 kg poly-lined paper bags.

STORAGE:

Store in cool and dry place with no direct sunlight.

Bio-yeast is stable for 2 years in dry and cold place.



kanzymedipharm

■ E-mail: info@kanzymedipharm.com ■ Website: www.kanzymedipharm.com