

BiOWiSH™ MultiBio 3PS

RUMINANT OPERATION APPLICATIONS

PRODUCT NAME

BiOWiSH™ MultiBio 3PS



PRODUCT USE

BiOWiSH™ MultiBio 3PS is a direct fed microbial (DFM) for ruminant operations. BiOWiSH™ MultiBio 3PS can be added to animal mash feeds, animal liquid feed, total mixed or bunk rations, compound feeds, and animal drinking water. Clean application equipment prior to use.

BiOWiSH™ MultiBio 3PS is a recommended feed additive for all growth stages. Maintain recommended concentration by adding more BiOWiSH™ MultiBio 3PS with each animal feed addition.

GENERAL RECOMMENDATION - LIQUID FEED

- For addition to total mixed or bunk rations, solubilize the dry concentrate with a liquid such as molasses for good dispersion. Add the BiOWiSH™ MultiBio 3PS concentrated soluble powder to the liquid feed or molasses container prior to mixing the liquid feed at the ruminant-specific dosage rate defined below.
- If liquid feed is added at 5% of the finished ration, add the ruminant-specific dosage rate of BiOWiSH™ MultiBio 3PS for each 50kg (110lbs.) of liquid feed.
- 15 minutes after adding BiOWiSH™ MultiBio 3PS to molasses or other approved liquid, the mixture can be dosed to the TMR or bunk ration. BiOWiSH™ MultiBio 3PS will remain stable in molasses for 90 days with the exception of soy whey molasses products where stability is only guaranteed for up to 20 days.

GENERAL RECOMMENDATION - MASH FEED

- Add BiOWiSH™ MultiBio 3PS concentrated soluble powder to water at the ruminant-specific dosage rate defined below and add to the mash feed. Please contact BiOWiSH Technologies for other approved liquids.
- After adding BiOWiSH™ MultiBio 3PS to water or other approved liquid, mix thoroughly, and allow at least 15 minutes for the BiOWiSH™ MultiBio 3PS to solubilize before addition to mash feed. No activation required.
- Mechanical aeration in the water or other approved liquid container is not required. Please allow headspace or exposure to air.

GENERAL RECOMMENDATION - COMPOUND FEED COATING

- For on-farm compound feed coating, mix the ruminant-specific recommended amount of BiOWiSH™ MultiBio 3PS with water or other approved liquid. For every 100 kg of feed dissolve 10 grams of BiOWiSH™ MultiBio 3PS in 1 liter of water or other approved liquid. Mix thoroughly and allow at least 2 minutes to solubilize, and then spray evenly onto the compound feed pellet or fodder. Please contact a BiOWiSH distributor near you for assistance in calculating dosing and water volumes for feed quantities other than 50 kg.
- For feed manufacturer compound feed coating instructions and schematics, please refer to the BiOWiSH™ MultiBio 3PS Feed Manufacturer Compound Feed Coating User Guide.

GENERAL RECOMMENDATION - WATER APPLICATION

- For addition to animal drinking water, add the dry concentrate to a container filled with the drinking water and allow 15 minutes to solubilize prior to adding the solution to the animal water source. For BiOWiSH™ MultiBio 3PS applications, fill the container full of water prior to adding product using a minimum of 4 liters (1gal.) of water per 100g (3.5oz.) of BiOWiSH™ MultiBio 3PS.
- Define the amount of BiOWiSH™ MultiBio 3PS to add to the drinking water by reviewing the feed program. Then apply BiOWiSH™ MultiBio 3PS at the ruminant-specific application rate defined below per metric tonne of feed to the drinking water as illustrated above.

RUMINANT-SPECIFIC DOSAGE RECOMMENDATION

- Add BiOWiSH™ MultiBio 3PS at 100g per metric tonne (0.22 lbs./UST) of feed with each feed event for all growth stages. For a 50kg (110lbs.) bag of feed use 5.0g (0.18oz.) of BiOWiSH™ MultiBio 3PS.

TECHNICAL SUPPORT

Please contact a distributor near you or email animalag@biowishtech.com.

KEY METRICS

BiOWiSH Technologies recommends tracking the following metrics:

- Feed Conversion Ratio (FCR)
- Body Weight (BW)
- Daily Feed Intake (DFI)
- Average Daily Gain (ADG)
- Fiber digestion
- Animals in hospital pen
- Heat stress issues
- Milk production (Dairy)
- Odor of manure

CONTACT

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