**BiOWiSH™ MultiBio 3PS**

**SWINE OPERATION APPLICATIONS**

**PRODUCT NAME**
BiOWiSH™ MultiBio 3PS

**PRODUCT USE**
BiOWiSH™ MultiBio 3PS is a direct fed microbial (DFM) for swine operations. BiOWiSH™ MultiBio 3PS can be added to animal mash feeds, compound feeds, and animal drinking water. Clean application equipment prior to use.

BiOWiSH™ MultiBio 3PS is a recommended feed additive for all growth stages. For optimum results, commence feeding to weaning pigs. Maintain recommended concentration by adding more BiOWiSH™ MultiBio 3PS with each animal feed addition.

**GENERAL RECOMMENDATION - MASH FEED**
- Add BiOWiSH™ MultiBio 3PS concentrated soluble powder to water at the swine-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 swine-specific recommended amount of BiOWiSH™ MultiBio 3PS with water or other approved liquid. For 50 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. 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 swine-specific application rate defined below per metric tonne of feed to the drinking water as illustrated above.

SWINE-SPECIFIC DOSAGE RECOMMENDATION

• Add BiOWiSH™ MultiBio 3PS at 200g (7.0oz.) per metric tonne of feed with each feed event for all growth stages. For a 50kg (110lbs.) bag of feed use 10g (0.35oz.) 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:

• Body Weight (BW)
• Daily Feed Intake (DFI)
• Average Daily Gain (ADG)
• Mortality
• Feed Conversion Ratio (FCR)

CONTACT

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