

BiOWiSH® MultiBio 3PS: On-Farm Universal Aquaculture Feed Coating

EXTRUDED AND PELLETED FEEDS FOR AQUACULTURE

Please use the following instructions for on-farm spray coating of BiOWiSH® MultiBio 3PS onto compound extruded and pelleted feeds for aquaculture that do not dissolve in water in less than 2 hours. For aquaculture feeds that dissolve in less than 2 hours please see our On-Farm Universal Aquaculture Feed Coating Using Xanthan Gum - User Guide.



Key Benefits

- Improves fish and shrimp growth rate and biomass
- Improves animal gut health by preventing vibrio colonization for pathogenic bacteria such as EMS and White Feces
- Increases feed efficiency and digestibility
- Reduces mortality
- Replaces selected antibiotics
- Improves feed consumption, reducing feed waste

Equipment

- Tarp
- Rake or hoe
- Clean bucket for mixing
- Measuring scoop
- Hand held sprayer

Process

1. Spread the tarp on the ground.
2. Using a rake or hoe, evenly spread the 50 kg of feed over the tarp.
3. Use a scoop to measure out approximately 0.2 grams of BiOWiSH® MultiBio 3PS per kg of feed. For 50 kg of feed you will need 10 grams of BiOWiSH® MultiBio 3PS.
4. Coating mixture preparation
 - A. For water only coating: Add 600 milliliters of water to the bucket. Add the 10 grams of BiOWiSH® MultiBio 3PS to the water and stir for 5 minutes. Add this mixture to a hand-held sprayer and spray coat the feed as instructed.
 - B. For water + molasses coating: Add 600 mls of a 1:1 mix of water and molasses to the bucket. Add 10 grams of BiOWiSH® MultiBio 3PS to this mixture and mix for 5 minutes. Add this mixture to a hand-held sprayer and spray coat the feed as instructed.
5. Coat the feed with a sweeping motion of the sprayer and in an area with a barrier to the wind to prevent drafting of the spray mist. Make sure to exhaust the full contents of the sprayer onto the feedbed.
6. Optional Process: Place the feed into the mixer and begin to rotate the feed. With the feed rotating spray the feed with the coating mixture. Ensure at least 2 minutes retention time of the feed in the mixer with the spray process beginning as the feed enters the mixer. For each kg of feed use 0.2 grams of BiOWiSH® MultiBio 3PS and 12 milliliters of water or 12 milliliters of a 1:1 water + molasses mix.

Storage

After coating, store the coated feed and the reclosed package of BiOWiSH® MultiBio 3PS in a cool, dry location out of direct sunlight until ready to use. Storage above 40°C (104°F) for extended periods is not recommended.

Technical Support

Please contact a distributor near you for other approved coating agents and technical support or email aquaculture@biowishtech.com.



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