

## BiOWiSH™ MultiBio 3PS On Farm Coating Process

### SINKING PELLETED FEEDS FOR AQUACULTURE

Please use the following instructions for on-farm spray coating BiOWiSH™ MultiBio 3PS onto sinking compound pelleted feeds for aquaculture.

### EQUIPMENT

- a. Tarp
- b. Rake or hoe
- c. Blender
- d. Measuring scoop
- e. Hand held sprayer
- f. *Optional Process Equipment: Large mixer (holds a minimum of 50kg of feed)*

### INGREDIENTS

- a. BiOWiSH™ MultiBio 3PS
- b. Feed pellets (50 kg example in this User Guide)
- c. Coating agent: Water + Xanthan Gum or Water + Molasses

### 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 + xanthan gum coating: Add 6 grams of xanthan gum and 600 milliliters of water to the blender and mix on high for at least 5 minutes to fully dissolve the gum. Add the 10 grams of BiOWiSH™ MultiBio 3PS to this mixture and stir on low for another 2 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 hand held sprayer. Add 10 grams of BiOWiSH™ MultiBio 3PS to this mixture and mix for 15 minutes.
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 0.12 grams of Xanthan gum + 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 [animalag@biowishtech.com](mailto:animalag@biowishtech.com)

**BiOWiSH Technologies** [www.biowishtech.com](http://www.biowishtech.com) +1 312 572 6700

Please see instructional video at [biowishtechnologies.com/product/multibio-3ps/](http://biowishtechnologies.com/product/multibio-3ps/)



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