

BiOWiSH™ MultiBio 3PS

FEEDMILL PROCESS: SPRAY COATING FOR SINKING PELLETED FEEDS FOR AQUACULTURE

Please use the following instructions for spray coating BiOWiSH™ MultiBio 3PS onto sinking compound pelleted feeds for aquaculture. Refer to species-specific user guides for recommended BiOWiSH™ MultiBio 3PS dosages.

Equipment

- a. Spray system with stirred container and spray nozzle
- b. Large mixer (e.g., ribbon, paddle, drum)

Ingredients

- a. BiOWiSH™ MultiBio 3PS
- b. Feed pellets (recommend using pellets heated to about 45°C)
- c. Water
- d. Optional coating agent: Oil (vegetable or fish)

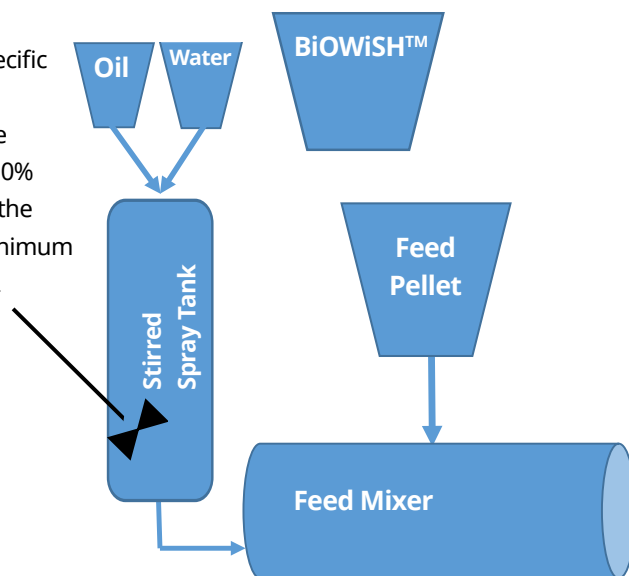
Coating Process per 1 Metric Tonne of Feed (See Process Flow Diagram)

- a. BiOWiSH™ MultiBio 3PS may be coated onto sinking feed with or without oil allowing the feedmill the option that works best for their current practice.
- b. Add the species-specific recommended amount of BiOWiSH™ MultiBio 3PS to water. The volume of water should be 10% of the volume of oil used by the feedmill to coat feed or a minimum of 2L of water. Mix the BiOWiSH™ MultiBio 3PS and water for 2 minutes prior to the next step.
 - I. If oil is used:
 - i. Add oil as per current recommended feedmill practice to the spray tank. Oil spray rates are not altered when adding BiOWiSH™ to the process.
 - ii. Add the BiOWiSH™ MultiBio 3PS and water to the oil spray tank then mix for 15 minutes prior to use. Maintain continuous mixing of the coating mixture throughout the coating process.
 - II. If oil is not used:
 - i. Add the BiOWiSH™ MultiBio 3PS and water to a spray tank.
- c. Load 1000 kg of feed, less the weight of the coating mixture, into a mixer (ribbon, paddle, drum).
- d. With the feed mixer running, spray the coating mixture onto the feed bed.
- e. Once the feed is completely coated, empty the coated feed pellets into an appropriate container.

Process Flow Diagram

Step 1: Add the species-specific recommended amount of BiOWiSH™ 3PS to water. The volume of water should be 10% of the volume of oil used by the feedmill to coat feed or a minimum of 2 Liters of water. Mix for 2 minutes.

Step 2: If used, add oil to the spray tank according to the current recommended feedmill practice.



Step 3: Add the BiOWiSH™ MultiBio 3PS and water to the spray tank. If oil is used, mix for 15 minutes prior to use and maintain continuous mixing of the coating mixture throughout the coating process. If oil is not used, the BiOWiSH™ MultiBio 3PS and water solution is ready for use.

Step 4: Add 1000 kg of feed minus the recommended amount of coating mixture to the mixer.

Step 5: With the mixer running, evenly spray the BiOWiSH™ MultiBio 3PS coating mixture onto the feed bed.

Step 6: Once the feed is completely coated empty the coated feed pellets into an appropriate container.

Notes

- After coating, store coated feed 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.
- For feed volumes other than 1 tonne, adjust the amount of coating mixture and BiOWiSH™ MultiBio 3PS proportionally.

Technical Support

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

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