

Supplemental Feeding of Clam Seed in Land-based Nurseries

Shellfish Algae Diet is a commercially available, super-concentrated mix of four marine micro-algae that provide a nutritional profile for shellfish. Although the algal cells are intact, the algae are not alive. The diet does not contain preservative chemicals, and has a shelf life of 2-3 months.

Feeding Calculation:

Shellfish Diet cell count = 2 billion algal cells per milliliter of diet

Dimensions and volume in table below refers to **Nursery Tank Size**.

Tank Dimensions L x W x D (ft)	Volume ¹ (gallons)	Volume ² (liters)	Algae Diet ³ (milliliters)	Algae Diet ⁴ milliliters
8 x 4 x 0.5	120	460	6	12
8 x 4 x 1.0	240	910	12	24
8 x 4 x 1.5	360	1,365	18	36
8 x 4 x 2.0	480	1,820	24	48

¹ One cubic feet (ft³) = 7.481 gallons

² One gallon = 3.785 liters = 3,785 milliliters

³ Feeding Rate @ 25,000 algal cells /ml of nursery tank volume

⁴ Feeding Rate @ 50,000 algal cells/ml of nursery tank volume

Directions:

1. Measure amount of algae diet to add to nursery tank using a graduated cylinder.
2. Add diet to a bucket of saltwater and stir.
3. Turn off pumps.
4. Add algae water to nursery tank.
5. After an hour, turn pumps back on.
6. Algae diet must be kept refrigerated, or it will go rancid.

Supplier:

Reed Mariculture

520 McGlincy Lane #1, Campbell, CA 95008

Phone: (408) 377-1065 Fax: (408) 884-2322

Toll Free: 877-732-3276

For more information and to order online, visit www.reed-mariculture.com.

Shellfish Diet, available in plastic bottles of 1 quart, 1 pint, ½ gallon, and gallon sizes.

One quart costs approximately \$44 + shipping FOB California.



This information is provided as a service of the UF/IFAS Shellfish Aquaculture Extension. We do not sponsor or endorse this product or supplier. Contact us at 352-543-5057 for more information.