

# IMPORTANT INSTRUCTIONS FOR HANDLING Read Before Unpacking

## TADPOLES

- Step 1: Remove container of tadpoles from carton.
- Step 2: Open container and let stand at room temperature (68° to 72° F). This will allow the water to gradually warm up (or cool), and lessen the chance of temperature shock. At this time, you may notice some tadpoles swimming in erratic patterns, i.e., swimming upside down or spiraling through the water. This is what we refer to as shipping shock and should not be misinterpreted as poor health. They will recover.
- Step 3: When the water in the shipping container reaches 65° to 70° F, pour the shipping water and tadpoles into another container and add an equal amount of aged dechlorinated water of the same temperature. If you are in an area of heavily treated or chlorinated water, any water changes made on the tadpoles must be done with properly aged water.

You may age water by placing an air stone or air line tube in a bucket of freshly drawn tap water. Allow air to vigorously bubble through the water for at least 24 hours before placing the tadpoles in it. If an aerator is not available, let it stand for 48 hours.

We also recommend the use of an aerator in the tadpole holding tank. Bubbling a small amount of air through the water with the use of an aquarium air pump will retard bacterial growth in the water and it will not have to be changed as often.

Tadpoles should be kept at no more than 10 per gallon. Any mold growths that occur in the tank should be removed as soon as possible.

## FROGS

To avoid temperature shock, allow the shipping container to sit at room temperature (68° to 72° F) for at least 1/2 hour before opening.

In the meantime, preparing a holding tank with a weighted or fastened cover and add a minimum of 2" of 70° water. Remember, these frogs are totally aquatic and need no dry surface.

Frogs may be kept at the following densities:

5 cm and under .....5/gallon

5-7.5 cm .....2/gallon

7.5 + cm and proven breeders.....1/gallon

When tempered, place the frogs in the holding tank. For short-term storage (2 weeks or less), the frogs need not be fed. For long-term maintenance, see reverse side for feeding instructions.

Frog Handling: Because of their totally aquatic nature, *Xenopus* have a slippery protective coating of mucus. Net the frog from the holding tank and completely dry the skin with paper toweling for easy handling. The frog should not remain out of the water for more than 15 minutes.

Be Patient! The stress and trauma of shipping will often make animals refuse food for a few days. Proven Breeders may require up to 3 weeks to resume a normal feeding and breeding schedule. Resist the temptation to feed alternate foods. NASCO Frog Brittle is specifically formulated to be a complete, balanced diet.

For further instructions, please refer to "*Xenopus laevis*, Rearing and Breeding the African Clawed Frog" (SA05454LM).

# FROG BRITTLE

## FEEDING INSTRUCTIONS FOR

### *Xenopus laevis*

#### TADPOLE POWDER

Feed 2 g per ten gallons of water. To prepare, first mix food with small amount of water to form a paste. Place the paste in one corner of the tank. Feed again when food has been eaten.

**SA05964LM** 1 lb.  
**SB09480LM** 5 lbs.  
**SA05965LM** 50 lbs.

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#### FROG BRITTLE NUGGETS

Feed what can be eaten in 10 minutes at least twice weekly. For maximum growth feed daily and keep water clean.

Breeding Preparation for Adults — Feed 3-5 nuggets per frog daily for a minimum of 2 weeks prior to breeding.

**SA02764LM** 1 lb. Adult Large                      **SB29025LM** 5 lbs. Juvenile Medium  
**SA05960LM** 5 lbs. Adult Large                    **SB29027LM** 1 lb. Post-Metamorphic Small  
**SA05961LM** 50 lbs. Adult Large                **SB29028LM** 5 lbs. Post-Metamorphic Small  
**SB29026LM** 1 lb. Juvenile Medium

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#### FROG BRITTLE — Ingredients

Crude protein (min.) . . . . .	43.0%
Crude fat (min.) . . . . .	6.0%
Crude fiber (max.) . . . . .	2.0%
Calcium (Ca) (min.) . . . . .	2.9%
Calcium (Ca) (max.) . . . . .	3.9%
Phosphorus (P) (min.) . . . . .	1.8%
Sodium (NA)(max.) . . . . .	0.6%

Fish meal, meat meal, dehulled soybean meal, ground corn, wheat flour, brewers dried yeast, corn distillers dried grains, dried whole egg, dried whey, wheat germ, salt, choline chloride, pyridoxine hydrochloride, L-ascorbyl-2 polyphosphate, menadione dimethylpyrimidinol bisulfite, DL-alpha tocopheryl acetate, biotin, cholecalciferol, vitamin A acetate, calcium pantothenate, ethoxyquin (a preservative), thiamine mononitrate, folic acid, riboflavin, nicotinic acid, cyanocobalamin, manganous oxide, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, calcium iodate, calcium carbonate, cobalt carbonate, sodium selenite.

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#### RECOMMENDATIONS FOR SHELF LIFE

All foods are packaged fresh for shipment. Kept dry in an air tight container at room temperature, the food is stable for one year. Shelf life is extended indefinitely if frozen.

Researchers Note: Your special protocol may suggest more frequent rotation.

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