



# **SYNDEL ASIA Sdn. Bhd.** (Com. Reg. No: 75135-M)

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Product Code 13430

## **OVAPRIM**

- *OVAPRIM* is a potent ovulating/spermiating agent to promote and facilitate reproduction of **many species** of fish.
- Using *OVAPRIM*, time to ovulation following injection is highly predictable, with high egg fertility and viability.
- Additional equipment required: tank for sedation with aeration tank for recovery with aeration syringe and needles.

### **RECOMMENDED DOSAGE & ADMINISTRATION METHOD.**

### **SEDATION FOR HANDLING**

- If sedation is required, use a plastic or glass tank of sufficient size in which to hold the fish. Anaesthetize with TMS (Tricaine Methanesulfonate) or Marinil at the recommended level, being sure to mix it thoroughly BEFORE adding the fish. Always handle fish gently, and only when necessary. Avoid contact between the anaesthetic solution and eggs or milt.

### **DOSE CALCULATION**

- Weigh or estimate the weight of the fish. The weight of the fish will determine the amount of *OVAPRIM* required for injection.

$$\text{WEIGHT OF FISH} \times \text{OVAPRIM DOSAGE} = \text{AMOUNT OF INJECTION}$$

### **INJECTING *OVAPRIM***

- *DOSE* - A general dose of *OVAPRIM* is 0.5 ml per kilogram of body weight. This dose may vary among species and locations. Male fishes may require a

	<p>reduced dose (~1/2 of female's dose). Ensure that an adequate ratio of males and females are induced at the same time.</p> <ul style="list-style-type: none"> <li>• For most <b>carps</b>, only a single dose of <i>OVAPRIM</i> is required.</li> <li>• For some <b>catfish</b>, a split dose of one quarter and three quarters may be required, 6-8 hours apart.</li> </ul> <ul style="list-style-type: none"> <li>• <i>CLEANLINESS</i> - Ensure that all equipment is clean and, if possible, sterilized. Always clean the needle with a cotton swab soaked in rubbing alcohol before and after each injection. Wear gloves.</li> <li>• <i>LOADING</i> - From the bottle of <i>OVAPRIM</i>, withdraw only enough solution as will be required for the weight of the fish. With the needle pointed upward, squeeze the syringe gently to expel any trapped air.</li> <li>• <i>INJECTION</i> - Hold the fish firmly and insert the needle into the belly behind the pelvic fin or in the muscle on either side of the dorsal fin. Pull back the needle slightly before injection in order to prevent backflow. Inject <i>OVAPRIM</i> carefully, and quickly remove the needle. Gently place the fish into a container of fresh, aerated water.</li> <li>• <i>RECOVERY</i>- After the fish has recovered from sedation (5 to 10 minutes), return it to the breeding tank. More than one fish may be induced at the same time.</li> </ul>
<i>PRESENTATION</i>	<ul style="list-style-type: none"> <li>• <i>OVAPRIM</i> is packaged ready for use in liquid form. Precise amounts for individual injection can be extracted safely from the bottle directly into a syringe and is end user friendly.</li> </ul>
<i>STABILITY &amp; STORAGE</i>	<ul style="list-style-type: none"> <li>• Stored at room temperature (20 - 30OC) and out of direct sunlight, the shelf-life of <i>OVAPRIM</i> exceeds 18 months.</li> </ul>
<i>SAFETY PRECAUTIONS</i>	<ul style="list-style-type: none"> <li>• <i>OVAPRIM</i> is a physiological agent used to stimulate ovulation or spermiation. Workers should avoid direct contact. Keep out of reach of children.</li> </ul>