

INDUCED BREEDING WITH OVAPRIM



Genital papilla of male & female catfish



Canulation of the ovary



Weighing for Ovaprim dosage calculation



Syringing out Ovaprim



Intramuscular injection using Socorex



Intraperitoneal injection



Ovaprim contains Syndel's patented sGnRHa and dopamine inhibitor, suitable for spawning most species of fish. Prior to induced breeding, broodfish are not fed for about 36hrs. to empty their stomach before stripping.



The catfish changes colour after injecting Ovaprim

Once caught, the broodstock is weighed to decide the dosage of Ovaprim needed. Ovaprim dosage is calculated by $\text{Body Weight} \times 0.5 \text{ ml Ovaprim per kg fish}$. The male is also injected but at half the dosage of the female.



Catfish larvae measures 5-7mm

Catfishes may require 2 injections with an interval period of 6-8 hours. With Ovaprim, the breeder has the choice of stripping the ripe fish for eggs and milt, using either wet or dry fertilization method. Ovulation after injection takes between 8-12 hours at 25-28°C, depending on the species.



Stripping of female catfish



Catfish hatchlings congregate in a dark corner of tank

The fertilized eggs are then rinsed with Ovadine, an egg disinfectant, for less than a minute to prevent the occurrences of fungus (*Saprolegnia*) infection. The eggs are then spread in a monolayer over a fine mesh net for incubation. For catfish, hatching takes between 20 and 24 hours after fertilization at 26-28 degrees Celcius.



Eggs being spread for incubation



Eggs are disinfected with an Ovadine rinse



The eggs are mixed using a feather



Milt is obtained and dispersed on eggs



Collecting the stripped eggs in a bowl

