



Terramycin®

Terramycin®200 for Fish

Type A Medicated Article

Description:

Terramycin 200 for Fish is a broad-spectrum anti-infective with a specially designed formula for fish. It has been proven highly effective in controlling diseases caused by Gram-positive and Gram-negative organisms that adversely affect salmonids, catfish and lobsters.

Active Ingredient:

Oxytetracycline200 g/lb
[(from oxytetracycline dihydrate) equivalent to oxytetracycline hydrochloride (Terramycin®)]

Registered Claims and Directions for Use:

For salmonids: For control of ulcer disease caused by *Hemophilus piscium*, furunculosis caused by *Aeromonas salmonicida*, bacterial hemorrhagic septicemia caused by *Aeromonas liquefaciens* and pseudomonas disease.

For pacific salmon: For marking of skeletal tissue.

For freshwater-reared salmonids: For the control of mortality in freshwater-reared salmonids due to coldwater disease associated with *Flavobacterium psychrophilum*.

For freshwater-reared *Oncorhynchus mykiss*: For the control of mortality in freshwater-reared *Oncorhynchus mykiss* due to columnaris disease associated with *Flavobacterium columnare*.

For catfish: For control of bacterial hemorrhagic septicemia caused by *Aeromonas liquefaciens* and pseudomonas disease.

For lobsters: For control of gaffkemia caused by *Aerococcus viridans*.

For freshwater-reared salmonids or *Oncorhynchus mykiss*: Administer medicated feed to provide a dosage of 3.75 g of oxytetracycline per 100 lb of fish daily for 10 days.

Lobsters: Administer 1 g/lb of medicated feed as sole ration for 5 consecutive days.

Mixing Directions:

Finfish: Note that feeding rates may vary depending on the size and health of the fish. Feeding rates should be chosen to ensure that all fish in the rearing unit are adequately medicated. Use Table 1. Thoroughly mix the amount of Terramycin 200 for Fish indicated in Table 1 to make 1 ton of finished feed.

Lobsters: Mix 10 pounds of Terramycin 200 for Fish per ton of feed to achieve the dose rate of 1 g/lb.

➡Warning:

Salmonids: Do not liberate or slaughter salmonids for food during treatment or for 21 days following last feeding of medicated feed.

Pacific Salmon: Do not liberate for at least 7 days following last feeding of medicated feed.

Freshwater-reared salmonids: Do not liberate or slaughter freshwater-reared salmonids for food during treatment or for 21 days following last feeding of medicated feed.

Freshwater-reared *Oncorhynchus mykiss*: Do not liberate or slaughter *Oncorhynchus mykiss* for food during treatment or for 21 days following last feeding of medicated feed.

Catfish: Do not liberate or slaughter catfish for food during treatment or for 21 days following last feeding of medicated feed. Do not use when water temperature is below 62°F (16.7°C).

Lobster: Withdraw medicated feed 30 days before harvesting lobsters. ➡

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Caution:

Certain components of animal feeds, including medicated premixes, possess properties that may be a potential health hazard or a source of personal discomfort to certain individuals who are exposed to them. Human exposure should, therefore, be minimized by observing the general industry standards for occupational health and safety.

Precautions such as the following should be considered: dust masks or respirators and protective clothing should be worn; dust-arresting equipment and adequate ventilation should be utilized; personal hygiene should be observed; wash before eating or leaving a work site; be alert for signs of allergic reactions - seek prompt medical treatment if such reactions are suspected.

For use in manufacturing medicated fish and lobster feeds only. For use in dry feeds only. Not for use in liquid feed supplements.

Store in a dry, cool place.

Not for Human Use.

Restricted Drug (California) - Use Only as Directed

Table 1. Mixing Directions - Finfish			
Feeding Rate*	To achieve a dose rate of 2.5 - 3.75 g/100 pounds:		
pounds / 100 pounds	Terramycin in Finished Feed	Terramycin 200 for Fish per ton of feed	Total biomass that one ton of medicated feed will treat**
(%)	(g/ton)	(pounds)	(pounds)
1	5,000 - 7,500	25.00 - 37.50	200,000
2	2,500 - 3,750	12.50 - 18.75	100,000
3	1,667 - 2,500	8.33 - 12.50	66,667
4	1,250 - 1,875	6.25 - 9.38	50,000
5	1,000 - 1,500	5.00 - 7.50	40,000
6	833 - 1,250	4.17 - 6.25	33,333
7	714 - 1,071	3.57 - 5.36	28,571
8	625 - 938	3.13 - 4.69	25,000
9	556 - 833	2.78 - 4.17	22,222
10	500 - 750	2.50 - 3.75	20,000
15	333 - 500	1.67 - 2.50	13,333

* To calculate g Terramycin per ton finished feed at other feeding rates: (desired dose rate/feeding rate) x 2000
 To calculate Terramycin 200 for Fish per ton at other feeding rates: g Terramycin per ton finished feed/200

Example: at a feeding rate of 2.5% (2.5 pounds per 100 pounds), with a desired dose of 3.75 g/100 pounds:
 3.75 g per 100 lb/2.5 lb per 100 lb = 1.5 g per lb x 2000 lb = 3000 g Terramycin/ton
 3000 g Terramycin per ton/200 g Terramycin per lb of Terramycin 200 for Fish = 15 pounds Terramycin per ton of feed

**To calculate total required medicated feed for the 10 day treatment period, multiply total estimated rearing unit biomass by 10 and divide by the pounds of medicated feed needed at your feeding rate

Example: at a feeding rate of 2% in a unit containing 5,000 pounds of fish biomass:
 5,000 lb x 10 = 50,000 lb/100,000 lb per ton = 0.5 tons

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