

A Case South Whitening Breeding Water Dye the Cause of the Accident and Anti-Measures

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Abstract: 2017Years5Month7/Day Zhejiang Province Ningbo FengHua sunshine breeding Park15Mouth greenhouse pond South whitening the same food reduction, body black and abnormal symptoms5Month22Day, has not been good give up breeding caused the first crop breeding of breeding suspected water dye caused, aquaculture, has determine Dyeing of and find the Prevention and control methods. Will love Sue are as follows.

Keywords: South whitening; abnormal symptom; Seedling density; disinfection

1. Location

1.1 Water and the stocking situation

Is located in qiu cun hengjiang upstream to river water.2017

4Month3, Seedling density15Of tail/667 m².5Month1, Before not water every2 D pH, Dissolved oxygen, nitric acid, ammonia nitrogen and Vibrio water and has been normal.5Month1, After started a small water,5Month7/, The same abnormal. Water section River in dig deep transformation water mixed. Water bleaching powder disinfection degree80 g/m³. Water Body6 cmSouth whitening24 hNo abnormal anti-after join pond.

1.2 South whitening abnormal symptoms

Eat reduction less than original half and eat slow; disease not material platform; body melanin tired body color black; original complete white of liver cell membrane degradation, blurred. No the death activity small students extremely slow.

1.3 South whitening disease

Extraction pool Central South whitening products send Ningbo University Ocean University whether with virus, Worm, Vibrio fruit were not.

1.4 Water

Water, disinfection water, pool breeding water send Ningbo water institutions as national water to help if you ask. Fruit table1.

By table1The water ultra-5.5Times ultra-9.2Times water and disinfection water ultra-more.

2. Breeding

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The determine whether by water causes South whitening disease the author line the different water breeding.

Seedling survival rate 20.0% Students speed also lower 2014 Year High investment in cultivation, with the flat kiss, the increase of artificial origin

And 2017 Years. 2016 In the year, the pool will be released shortly after the seedling Pond With the increase of seedling growth, the mold is continuously large.

A lot of tadpoles, 7. Moon, matter, there is wheat ear (Pseu- The inevitable way of life.

Dorasbora Parva), And the population, large, loss of Seedling Cultivation At present, flat kiss, the basis of the cultivation of Miao pond, Li, Zhi

May be by tadpoles predation, seedling and wheat spike, material competition However, its ingredients, breeding, breeding and learning have not yet been carried out.

To set up the cultivation mode, no need to test one. Ren Bo *et al* Related Research. In this study

Indoor and Outdoor flow pools (slots) 147 d The feeding culture Quantity 35% The meat-eating flat kiss is insufficient

The average survival rate of the seedling species 70.83%, Average In this study, the feeding management method and

Body 87.2 ~ 108 Average mass 6.5g, Body Whether the seedling stocking density is appropriate or not is not yet feasible. But,

Average daily increment 0.04g/d Volume, instantaneous volume, birth rate Yu Bian kiss, deep research on the Cultivation Technology of seedling pond is still Ren 2.84% The survival rate and growth rate of seedling Heavy Road. Best pond cultivation 2017 The year is equivalent. But the set of Seedlings (Received date: 2018-03-2. 1 Materials and Methods In-situ, normal weekly pond with South whitening, water, in line with water, quasi-body, average 5 cm. Breeding Method: the place is in the room, the breeding water source 1. (Content), degree 11 Water Source of pond 2. No. 14.; Using foam boxes as breeding ponds, each 4. Box 10 Only, deep 20 cm, Put aeration stone 1. Add oxygen; put three times a day 7:00, 12:00, 17:00, Every investment 20 Every day to remove the residue, then, every 3 D Add water 1. Times, increase to the original water level; period water 28~30.

2.1 Guo

7 d Nye 1. Number and 2. The food and vitality are normal. 8 d Start 1. The food is slow and the food intake is reduced. 2.

Normal; 15 d, 1. Half the number, liver disease, symptoms, liver cell membrane by, degradation, profile, obscure 2. Normal; 25 d, 1. Number of vitality Ming down, a small number of deaths 2. Normal food and vitality; 30 d Beam, 2. Number, body, average 7 cm, 1. Number, slow, almost no.

3. Fang

Ethylene two diamine tetraacetic two (EDTA-2Na) Water, breeding

Heavy metal chelating, detoxification effect. To understand the toxicity of removing water source and overgrowth, the author made the prevention before the second crop of breeding.

3.1 Materials and Methods With Guangdong sea brand South whitening, body 0.7~0.8, From Yinzhou District Shawan nursery factory. Water temperature 30 Du 17 The place is in the greenhouse breeding pond. With EDTA-2Na Zihua Learn shop, save cost, adopt labor. Method: 10 Pond hanging per pond 2. Small plastic barrels, each barrel into the pool water Kg Where 1. Only added in barrels EDTA-2Na Du 10 g/m³. Fang Miao 15 Tail, due to short, less seedlings, so do not cast, do not increase oxygen.

3.2 Guo

2. In the morning EDTA-2Na All the seedlings died in the barrel. EDTA-2Na All the seedlings in the bucket survive and the vitality is normal.

Fruit and Prevention Measures

According to the breeding, ratio and prevention, the water source and content are the reasons two for South whitening poisoning, prevent poisoning. South whitening second farming, put in the water 10 g/m³ Ethylenediamine IV Acetic two, the whole process without poisoning, raw, normal, Mid-month, to reach the business character, average 90 Tail/Kg, Quantity 000 kg/667 m². Above, It is proved that the cause of the accident and the prevention measures are correct.

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