



Test 1: Breeder Farm Trial

- Test location: Taoyuan, Taiwan
- Test time: November 23, 2022
- Test substance: **Farmour - Zinc Oxide** *
- Experimental animal: sea blue laying hens
- Number of trials: 60,000 birds
- Test method: via drinking water supply
- All tests conducted in China/Taiwan are using material similar to Zinc Oxide





Test 1: Breeder Farm Trial

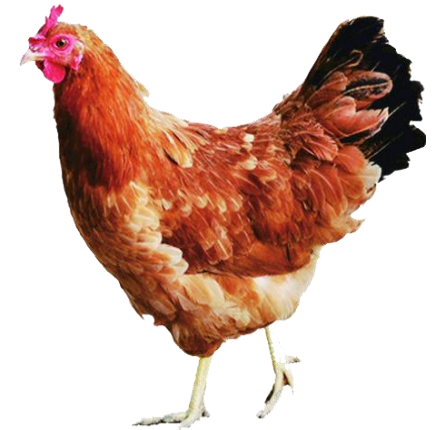
Observation : Based on previous record, about 50 birds/day died in the field. 3-5 days after using the Farmour material, the number of dead **decreased to less than 10.**

Practice adopted :

1. Whole day drink water with mixture of Farmour material, 3 days/week;
2. Misting Farmour material to directly reduce the virus content on the enclosed farm (reduce infection) and material can reach the lungs directly. Hence, more efficient way of delivery and improve the immunity of the chicken.

Test 2: Virus control test on Poultry

1. Experimental virus: chicken infected with laryngotracheitis (Quiren District, Taiwan)
2. Test substance: **Zinc Oxide** *
3. Experimental animals: Hy-Line chicken, medium size
4. Number of trials: 110,000 birds
5. Test method: Supply via misting method
6. Test equipment: ultrasonic atomizer, RO water machine
7. Test time: 2022/6/19~2022/6/29 (test for 4 days, then observed for 7 additional days)



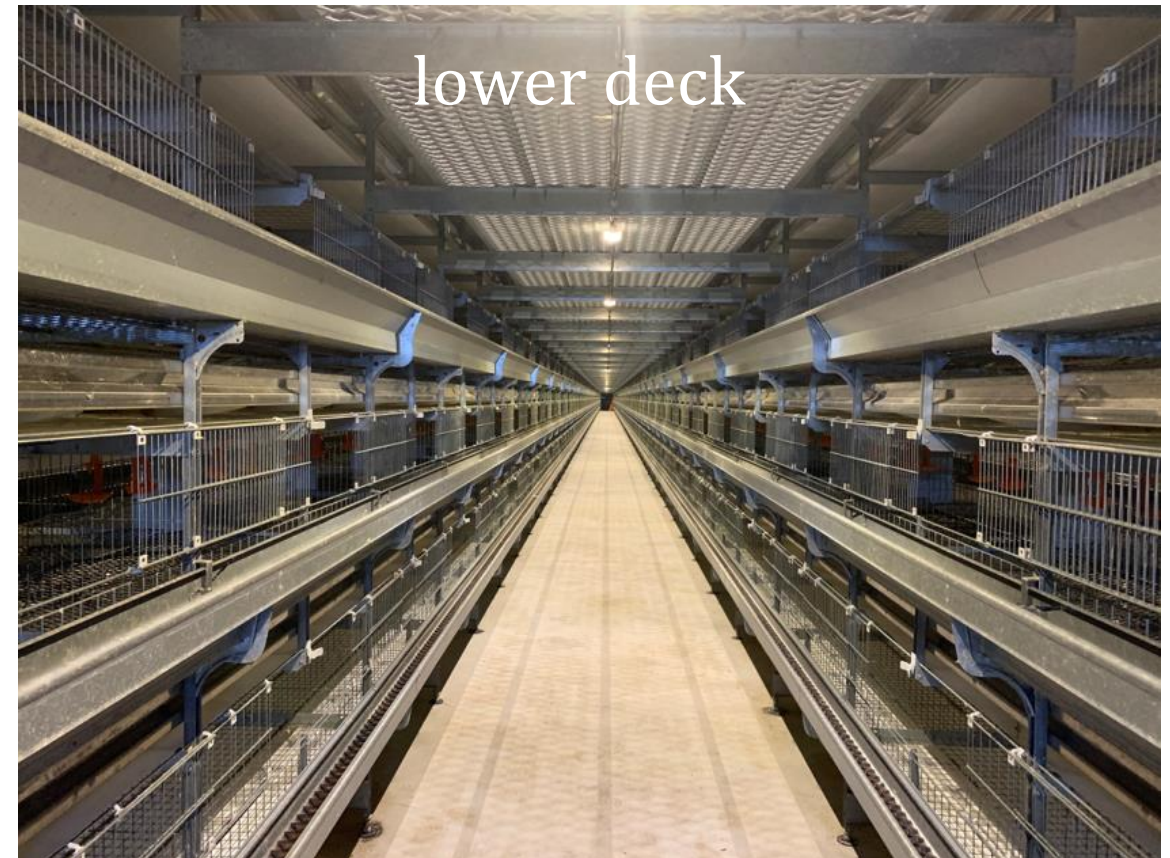
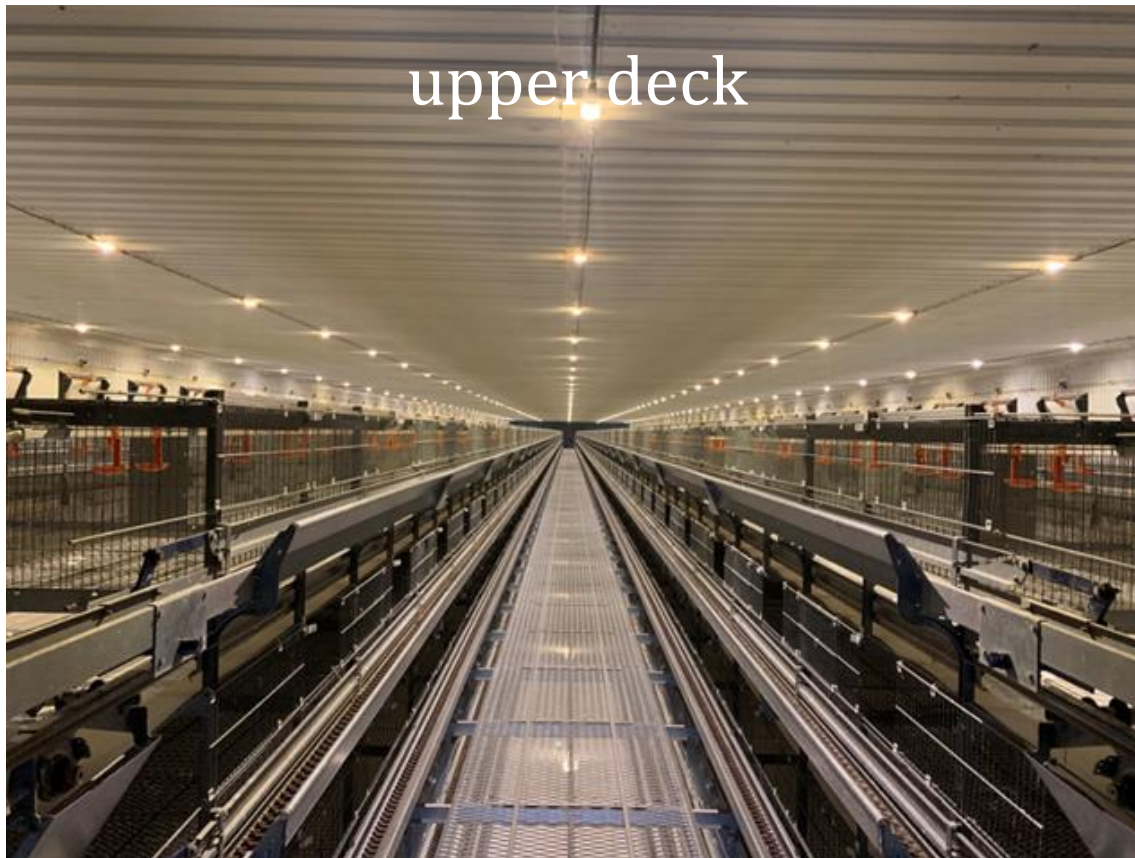
* All tests conducted in China/Taiwan are using material similar to Zinc Oxide

The scene of the test site

Location: Zhongji Farm, Taiwan & size - 100m(L) x 15m(W) x 5m(H)

Test area: Front half of the farm, where the atomizer is placed, about 20 liters

Control area: Second half of the farm (using the same farm)



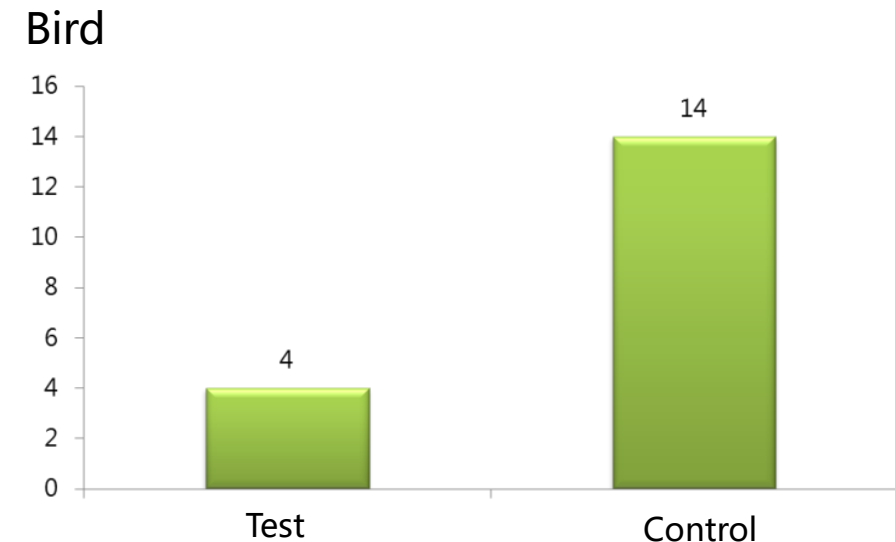
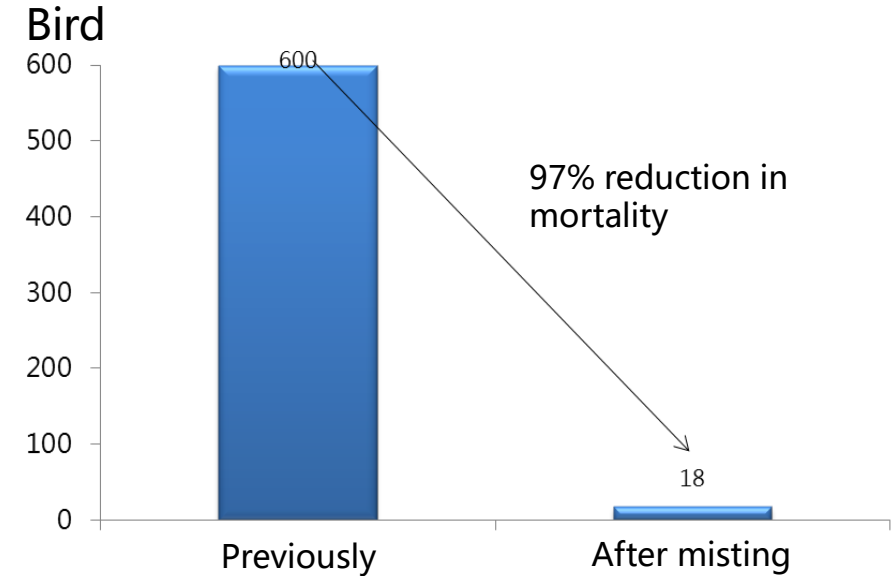
Test 2: Virus control test on Poultry

	Number of birds	Number of dead
Test area	55,000	4
Control area	55,000	14



Poultry Virus Control for Poultry - Conclusion

1. For chickens protected by Farmour material, the number of deaths is significantly reduced, the number of deaths is reduced from 500-600 to 18 (based on 11 days of total observation);
2. Based on the results, it is believed that after misting, the farm and the on-site environment is improved as there is a reduction of various microorganisms;
3. As the concentration in the test area is higher, and the number of chicken deaths is significantly lower, this is a good indication that the mist concentration is important;
4. Farmour can protect animals and effectively prevent viruses.



Virus Control for Chicken – suggest application

7 - We also find that misting helps swiftlet farms to produce better and “whiter” bird nest and hence, their selling price of bird nest is much higher. (dilution 1ml Zinc Oxide :10,000ml water, mist in all area of farm and spray on wood plant every week)



After
misting

Before
misting