

Disinfection of Avian Influenza Virus at 1:600





Virkon™ S provides effective disinfection against AI at a cost-effective 1:600 in-use dilution rate

In a recent comparison study, the peroxygen based formula of Virkon™ S Disinfectant and Virucide (LANXESS) clearly demonstrated a significant cost in-use saving over a general Glut/QAC chemistry.

When used in accordance with product instructions, **one 10lb. pail of Virkon™ S** can generally provide enough in-use solution to disinfect **99,630ft²** of surface area against Avian Influenza Virus at a dilution rate of 1:600. To disinfect the same surface area using **Glut/QAC**, it would take approximately **3 one gallon bottles** at a dilution rate of 1:256.



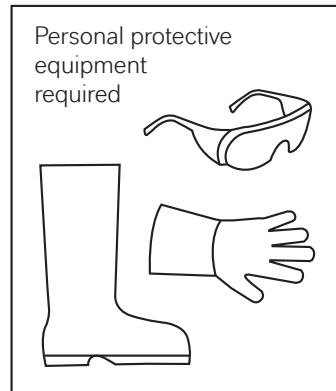
Conditions	Virkon™ S 10lb. Pail	Glut/QAC 1 gal Bottle
Retail price of product per pack	\$71.00 (AWP)	\$30.00 (AWP)
In-use concentration	1:600 (0.215 oz. / 1 gal)	1:256 (0.5 oz. / 1 gal)
Number of gallons: in-use dilution	738	256
Final cost per gallon: in-use dilution	\$0.10/gal	\$0.12/gal
Total surface area	99,630 ft² 3.32 houses 	34,560 ft² 1.15 houses 

AWP = Average wholesale price. Best current estimate of the wholesale price in the U.S. market excluding any discounts and rebates. Based on 2020 pricing.

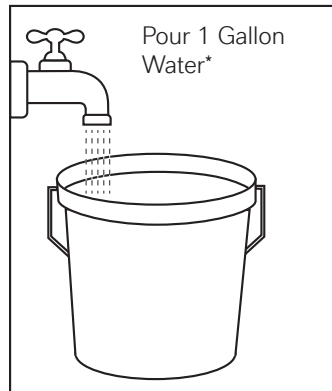
Disinfection of a **30,000ft²** poultry house at a **1:600 dilution rate** **one 10lb. pail of Virkon™ S** can generally be used to make enough solution to disinfect **3.32 poultry houses** against AI compared to **1.15 houses** for a **one gallon bottle of Glut/QAC product**. Area of disinfection is based on 135ft²/gal in-use dilution against AI. As with any product, use of Virkon™ S in any given application must be tested (including field testing, etc.) by the user in advance to determine suitability.

How to make a ready-to-use Virkon™ S disinfectant solution (powder instructions):

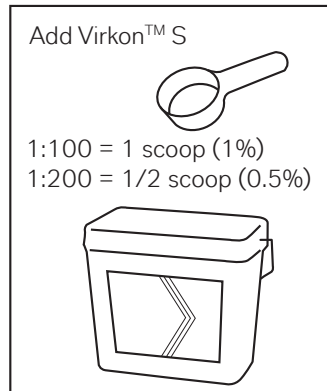
STEP 1



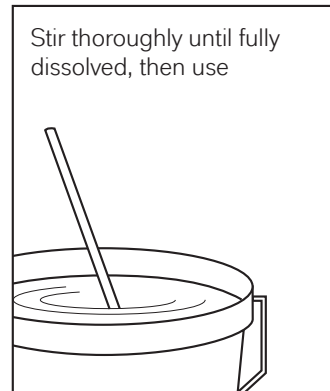
STEP 2



STEP 3



STEP 4



Measuring cup provided. 1 scoop = 1.3oz, 1/2 scoop = 0.65oz.

The 0.5% solution currently is not approved for use in California.

* No hard water for the pathogens indicated on pathogen list.

Please consult the Virkon™ S product container label for a comprehensive list of organisms and directions for use.

Virkon™ S Powder

Quantity of Water	0.16% 1:600	0.5% Solution† 1:200	1% Solution 1:100
1 Quart	–	0.15 ounces	0.3 ounces
1 Gallon	0.22 ounces	0.65 ounces [1/2 Scoop]	1.3 ounces [1 Scoop]
10 Gallons	2.2 ounces	6.7 ounces [5 Scoops]	13.4 ounces [10 Scoops]
50 Gallons	11.0 ounces	33.4 ounces [25 Scoops]	66.8 ounces [50 Scoops]

Measuring cup provided. 1 scoop = 1.3 ounces

Virkon™ S Tablet

Quantity of Water	0.5% Solution†	1% Solution
1 Pint	–	1 tablet
1 Quart	1 tablet	2 tablets
1 Gallon	4 tablets	8 tablets

†The 0.5% solution currently is not approved for use in California.

1:600 is applicable for disinfection limited to specific and known disease Avian Influenza.

1:600 dilution rate is not approved for use in California.



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