



Test Results:

Enterovirus type 68, ATCC VR-561, Strain Fermon

New test results prove that Vital Oxide completely inactivates the Enterovirus type 68. A test executed by the ByoPlanet company shows that when Vital Oxide is applied with their ByoPlanet ES 120 Sprayer, an electrostatic delivery system, the Enterovirus becomes completely inactive within as little as 5 minutes.

Project #: A17328

Test Request Form #: BYG01092914.ENTV

Test Substance: Vital Oxide 415108

Dilution: Vital Oxide was used undiluted

Virus: Enterovirus type 68, ATCC VR-561, Strain Fermon

Organic Soil Load: 1% fetal bovine serum

Exposure Temperature: Room temperature (20.0°C)

Exposure Times: 5 minutes and 10 minutes

Spray Application: Vital Oxide was applied using the ByoPlanet D-120 spray system. The carriers were sprayed at a distance of 2 feet until thoroughly wet (10 seconds).

Dried Virus Control Results - Enterovirus type 68

5 minutes = 4.50 log₁₀

10 minutes = 4.50 log₁₀

Cytotoxicity Control Results

Vital Oxide 415108 = 2.50 log₁₀

Test Results

Complete inactivation of the test virus was demonstrated at both the 5 minute and 10 minute exposure times. A ≥ 2.00 log₁₀ reduction in viral titer was demonstrated.