

## BioprotectION Antimicrobial Spray Tests 1& 2

### Tests carried out at Maple Leaf Duck farms in the USA

Before starting the test the counter tops were cleaned using alcohol to remove any bioburden equally across the surface. Two circles of 2 ¼ inch diameter were carefully drawn with only the tip of the marker touching the countertop, the countertop was then swabbed. One of the circles was sprayed with the BioprotectION solution. This whole part of the test was done at 5 am before any work for the day had been started.

After working in this area for the day which consisted of approximately 4 hours, the test areas were re-swabbed the results are shown in the table below. Two separate tests were run. Both tests were done the exact same way.

<b>Test No. 1</b>	Before Work Began	After Work was Finished
<b>Number of Colonies on a BHI Plate</b>		
Area treated with BioprotectION	0	2
Area not treated	0	14 - plus Proteus
<b>Test No. 2</b>	Before Work Began	After Work was Finished
<b>Number of Colonies on a BHI Plate</b>		
Area treated with BioprotectION	0	10
Area not treated	0	tntc - plus Proteus

#### **Test No. 3**

<b>Date Tested</b>	<b>Treatment A</b>	<b>Treatment B</b>
<b>Number of Colonies on a BHI Plate</b>		
September 27, 2007	0	0
September 28, 2007	0	0
October 1, 2007	7	32
October 2, 2007	0	0
October 3, 2007	1	2
October 4, 2007	22	231

**Treatment A – BioprotectION applied once on 9-27-07 cultures taken after “bench work”**

**Treatment B - NO BioprotectION applied, cultures taken after “bench work”**

**Whole counter cleaned “normally” w/ alcohol after culturing.**