Chicken Research Study

Daily Log Report

Side "A" Treated				Side "B" Untreated			
Feed "A"	Deaths	Cause	Date	Feed "B"	Deaths	Cause	Comments
4 cups starter feed			02.03.2007	4 cups starter feed			
8 oz/3 gal Sniper in			03.03.2007				Baby chicks are doing well.
filtered H2O			05.03.2007		3	Unknown	
			06.03.2007				Chicks side "A" looking good, very active. Side "B", 3 chicks sick.
			07.03.2007				Chicks on both sides looking good, except 4 chicks on Side "B" sick.
			08.03.2007		4	Unknown	Chicks looking good very active on both sides.
			09.03.2007		3	Unknown	Difference Noticed: Side "A" chicks eating more often, more active than side "B".
			11.03.2007		4	Unknown	Chicks on side "A" good health, growing more rapidly, eating more.
6 cups chop corn			13.03.2007	6 cups chop corn			Chicks on side "A" eating more, healthy, growing faster than side "B".
			14.03.2007		3	Unknown	
			16.03.2007		1	Unknown	Chicks on side "A" look good, active with good appetites.
			20.03.2007		2	Unknown	Chicks on side "A" more active, but eating less.
			21.03.2007		1	Unknown	Chicks on side "A" growing faster, but eating less than "B".
6 cups chop corn			22.03.2007	8 cups chop corn	4	Unknown	
	2	Weather	24.03.2007				Heavy rain temperatures rather cold.
			25.03.2007		1	Unknown	
			26.03.2007		5	Unknown	Chicks on side "A" eating less and larger in body weight.
			30.03.2007		1	Unknown	
			02.04.2007		1	Unknown	Chicks, side "B" pecking, pulling feathers, bodies bare, sickly, open sores.
			04.04.2007		2	Unknown	Worms found on side "B". Side "A" no worms.
			06.04.2007		2	Unknown	Side "B", continued aggression, pecking each other, feathers no growing back.
	2	Accident	07.04.2007				
			08.04.2007		3	Unknown	Chicks side "A" appear healthy and growing.
			09.04.2007		1	Unknown	Chicks side "A" looking good.
			10.04.2007		2	Unknown	
			11.04.2007		2	Unknown	
8 cups chop corn			13.04.2007	10 cups chop corn			Still finding worms side "B".
			15.04.2007		1	Unknown	Chicks on side "A" healthier and larger than side "B".
			16.04.2007				Chick on side "B" no feathers, placed on side "A" Marked chick with paint.
	1		20.04.2007				

Continued

		21.04.2007		1	Unknown	Featherlss chick from side "B" looking better.
		23.04.2007		1	Unknown	Featherless chick from side "B" improving.
		24.04.2007		3	Unknown	
		25.04.2007		2	Unknown	
	1	26.04.2007				
		27.04.2007		3	Unknown	Open separation, all chicks mix together - treating whole pen to save chicks.
		29.04.2007		2	Unknown	Chicks from side "B" died.
		30.04.2007		7	Suff	Chicks died from suffocation.
		06.05.2007				Study ends, selling all chicks.
Total Deaths	**6**			**65**		

Purpose of Study:

The study was conducted over an eight (8) week period to show usage and efficacy of a Bio-Hygientic agent (**Sniper** TM) in a controlled pen setting environment, utilizing 150 (age - one day old) chicks separated into two (2) pens (75 chicks in each pen side). Side "A" was considered the treated side and sprayed with the Bio Hygientic agent **Sniper** TM. Each side was fed with 4 cups of starter feed initially. Chicks on Side "A" also had their water (filtered) treated with the Bio-Hygientic agent (8oz. Sniper per 3 gallons of water).

Conclusion:

Side "B"

A total of 65 chicks died on side "B" (untreated) during the eight (8) week study. Although, most deaths on side "B" were unknown, the later portion of the study clearly revealed parasitic activity, both external and internal, which greatly effected the growth rate and overall health of the chicks.

In an effort to save the remaining birds, the survivor chicks from side "B" were placed in the side "A" (treated) pen and treated with **Sniper** TM. All remaining survivors chicks from side "B" recovered from this effort and had a total re-growth of feathers by the study completion.

Side "A"

A total of 6 chicks died on side "A" (treated) by the completion of the study. Appetite, activity, health, and growth rate were exceptional in the side "A" control pen. No parasitic activity was evidenced. Chicks on side "A" reached a maximum growth rate without any noticeable health issue's). Although, not considered an official study, the use of **Sniper** TM in aviary enclosures and diet, as a practical method, had exceptional results.