

Turkey Evaluation Study For Poultry Brooder With Structured Water Platte Colony SD

In the first months of 2010a trial was put into effect through several flocks of turkeys with a cooperater at Platte S.D to study the efficacy of structured water. A second trial was run at the same location to see if the consistency of structured water maintained similar results through the brooder. Structured water is bio photon energy or life force energy consisting thermal conductivity up to three fold over normal tap water. This is heat transfer or potential energy of the water.

The test consisted two brooder houses with structured units placed in the water line in each house and birds were drinking from this source the day they were placed.

All results are documented with the researcher and the cooperater or turkey manager at Platte, S.D.. The birds are all Hybrid Birds on the same water source and the very same diets.

	Control	P1 Structured Water Flock	2nd Structured Water Flock
Poults Placed	19,000	18,000	19,000
14 Day Mortality	1.27%	1.16%	1.5%
#DOA	10	8	8
Days in Brooder	32	28	29
Avg Out Weight	2.8#	2.86#	2.92#
Feed Cost lb	\$.164	\$.164	\$.16
Feed Conversion	1.32	1.3	1.31
Total Water Consumed	1138 gal	1,026 gal	1,039 gal

All birds are continuing on for complete grower finisher complete studies however, there are three basic areas to focus on at this time.

1. 4 Days in brooder
 2. Weight out difference
 3. Water consumed difference
- The structured flocks spent 3 & 4 fewer days in brooder
 The structured water flocks daily average gain was increased by 15%
 The structured water flocks drank approx. 10% less water through brooder

In all three areas there is a significant difference showing the birds grow faster and hydration at this age is very significant and should continue to increase through the grower finisher.