



STRESEEZ PLUS® REDUCES MORTALITY AND HELPS MAINTAIN EGG SHELL QUALITY DURING HOT HUMID WEATHER

Two experiments were conducted at Dawe's Fort Dodge, Iowa, test facility using laying hens. These tests were carried out under conditions of high temperature and humidity that would be very similar to typical summer weather.

The layers involved were Hy-Line W-36 hens that were 70 weeks of age. The hens were subjected to daily high temperatures of 95 F for 9 hours and then cooled to 80 F during the nighttime hours. STRESEEZ PLUS was added to the drinking water starting the evening before the hens were subjected to heat stress. The hens were maintained under these conditions for 7 days. The hens were monitored for one week prior to going on test so that a baseline could be established for data collected during the test.

STRESEEZ PLUS improved livability during the heat stress period compared to Control hens. In test one, conducted in April of this year, the Control group had 97.87% livability and the STRESEEZ PLUS group had no death loss. In test two, conducted in July, the Control group had 97.6% livability while the STRESEEZ PLUS group again had 100% livability.

The percentage of checks and cracks increased in both groups during the heat stress period compared to the baseline period. In test one the Control birds showed an increase of checks and cracks of 50.0% and the STRESEEZ PLUS hens had an increase of only 5.5% during the heat stress period. In test two, the Control group had an increase of 33.3%, while the increase was only 11.5% for the STRESEEZ PLUS hens.

PERCENT INCREASE IN CHECKS AND CRACKS DURING HEAT STRESS

