

| | EW | | SEM | <i>P</i> value |
|---|---------|---------|------|----------------|
| | < 11.76 | > 11.76 | | |
| Egg quality characteristics | | | | |
| Egg weight (g) | 10.60 | 12.50 | 0.10 | <0.001 |
| Egg shape index (%) | 77.60 | 77.00 | 0.60 | 0.496 |
| Albumen weight (g) | 5.42 | 6.42 | 0.10 | <0.001 |
| Yolk weight (g) | 3.63 | 4.36 | 0.90 | 0.002 |
| Yolk weight / albumen weight | 0.67 | 0.68 | 0.03 | 0.887 |
| Wet eggshell weight (g) | 1.50 | 1.63 | 0.04 | 0.031 |
| Dry eggshell weight (%) | 7.84 | 7.42 | 0.20 | 0.172 |
| Eggshell thickness (μ) | 0.21 | 0.20 | 0.02 | 0.610 |
| Eggshell surface area (cm ²) | 21.10 | 23.60 | 0.20 | <0.001 |
| Daily egg water loss (mg/d) | 29.50 | 28.10 | 2.50 | 0.707 |
| Eggshell conductance (EC) (mg per day/torr) | 1.61 | 1.54 | 0.10 | 0.707 |
| Relative EC (mg per day/torr) | 14.88 | 12.19 | 1.20 | 0.118 |
| Albumen pH | 9.32 | 9.25 | 0.03 | 0.157 |
| Yolk pH | 6.58 | 6.28 | 0.07 | 0.005 |
| Pore concentration (number/0.25 cm ²) | 21.45 | 19.32 | 0.99 | 0.804 |

EW: egg weight. SEM: standard error of the mean.