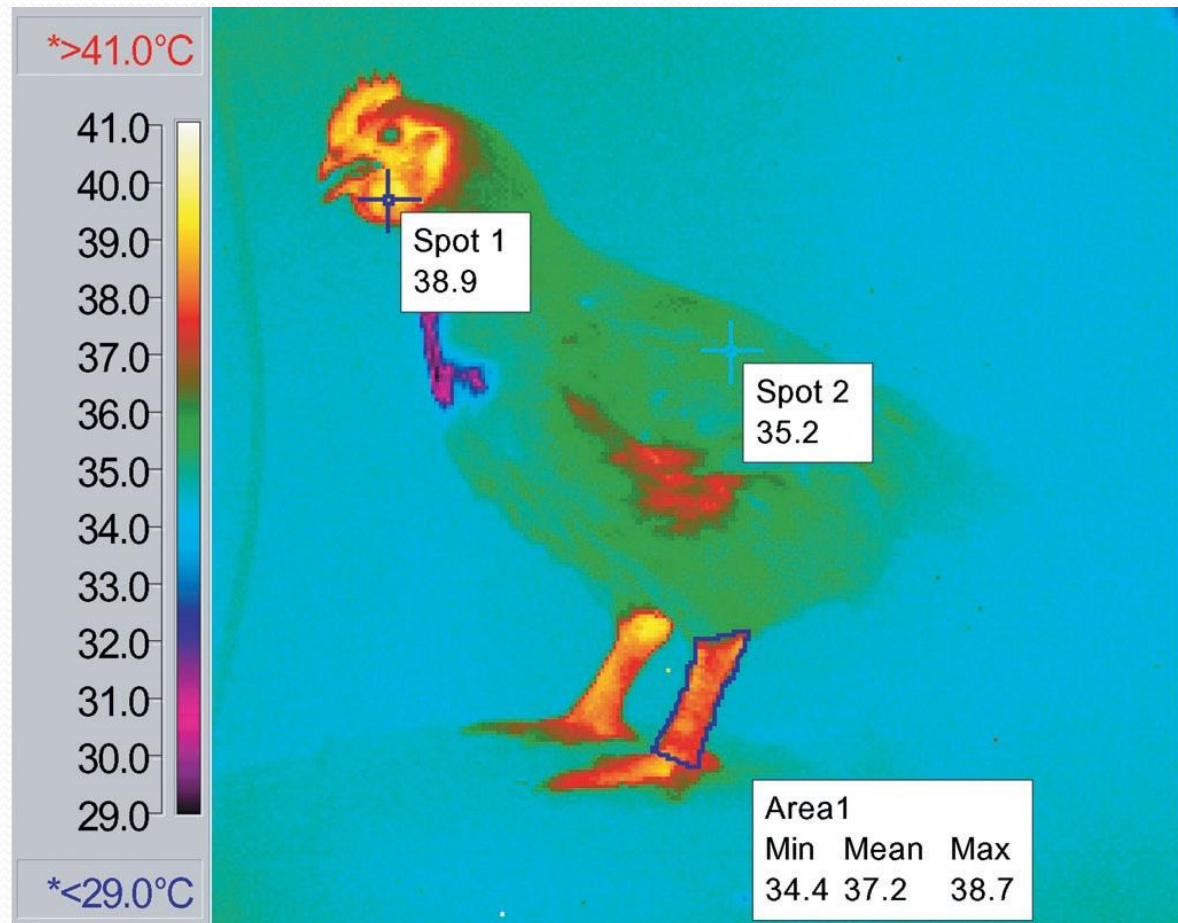


Thermal image of a broiler chicken exposed to 95 °F (35 °C)



Laboratory study looking at broilers kept at 96 °F under partial surface wetting of laying hens results in:

- Temperature changes
 - Core body temperature ↓ 0.4 °F
 - Head surface temperature ↓ 4 °F
 - Dorsal (back) temperature ↓ 2.5 °F
- Water evaporates by absorbing heat directly from body of birds, and also from surrounding air