

Multistate research makes chicken production more efficient, profitable, and environmentally responsible. Findings also improve chicken meat and egg quality.

Scientists bred chickens with immunity and resistance to pathogens and developed safe vaccines. New lighting, heating, cooling, and ventilation technology reduce energy use and pollution and improve chicken welfare. Automated, AI systems allow for less labor-intensive flock monitoring. Other studies identified feed additives that improve chicken growth and poultry litter types that reduce pathogen growth. Researchers also found ways to reduce woody breast and improve cage-free egg systems.

