

# What an Egg-Cellent Diet!

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When starting a new flock of *Gallus gallus domesticus*, the common chicken, one may research what type of nutrients are needed in their diet to produce the top number of eggs possible; but which of those claimed "needed nutrients" are actually true? And which are just a hoax wanting to fool new farmers? This project tests whether or not greens, grains, and proteins affect the percentage of eggs produced. For three weeks I will feed my chickens one of these three types of food groups and record whether or not their egg production increases. My hypothesis was that the number of eggs would increase while the chickens are fed mealworms. The experiment's results refuted that not only did the addition of mealworms to their diet; but the addition of any of these food groups does not affect the number of eggs produced. The experiment also showed that the layers feed recommended contains all the nutrients needed to maintain a healthy amount of egg produced.