Can feed manipulations turn breeders to better mothers?

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**Problem**

- Traditional feed restriction limits body weight
- Does not address the increased breast muscle genetic potential
- Genetic progress over time
- ‘Composition restriction’ through changes to the protein: energy ratio
- Increase hen fat stores while limiting breast muscle deposition
- For better support of egg production

**How did we do it?**

**Rearing Phase (3-23 wk)**

- LEr (2,650 kcal/kg)
- SEr (2,800 kcal/kg)
- HEr (2,950 kcal/kg)
- LPr (14% CP)
- HPr (16% CP)

**Breeding phase(24-60 wk)**

- LEb (2,800 kcal/kg)
- HEB (2,900 kcal/kg)
- LPb (14.5% CP)
- HPb (15.5% CP)

**What Happened?**

**Fig 1. Effect of rearing diet on energy intake**

**Fig 2. Effect of rearing diet on protein intake**

**Fig 3. Effect of rearing diet on egg production**

- **Table 1. Effect of rearing diet on carcass composition and egg production**

**Acknowledgments**

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