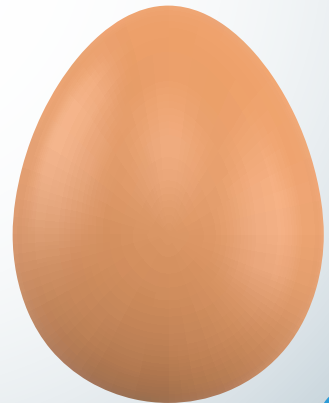




After 25 weeks

- ✓ There isn't a **significant growth**
- ✓ **Egg production** will be at maximum
- ✓ Time to **start focus** on:
 - Production efficiency
 - Health
 - Egg shell





Feed efficiency



Energy depends on the **body weigh**: don't change it.

Amino acids control egg mass: don't change the amino acids of the diet as long as:

- ✓ Egg mass doesn't drop.
- ✓ You don't want to control egg size.

Target feed intake:

Make a target feed intake and monitored

Changes in feed intake are early alerts

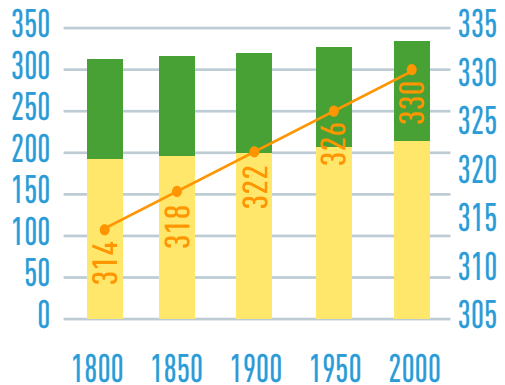
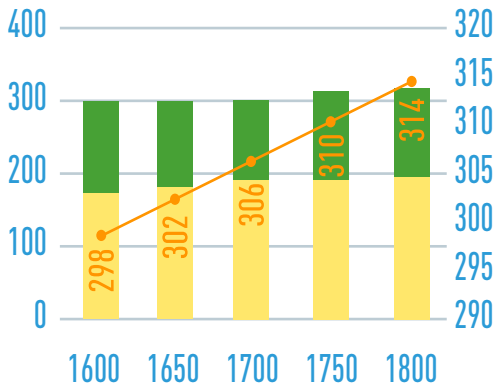
- ✓ Health problems
- ✓ Raw materials variability
- ✓ Inaccurate feed formulation





Energy needs for production period

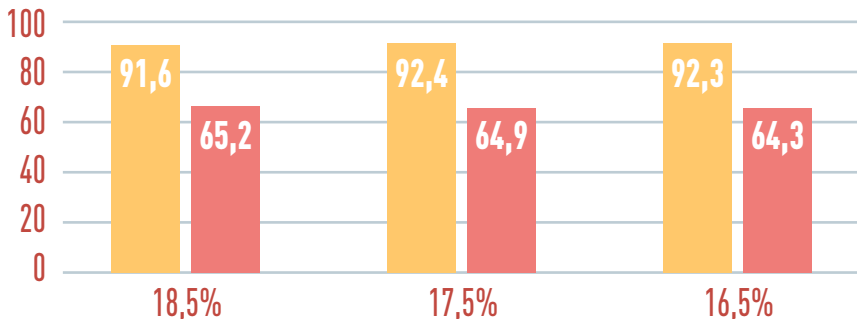
- ✓ Bw effects the needs of the energy.
- ✓ Every 50 g BW require 4 kcal/day.
- ✓ Energy content of the feed effects the feed intake.





Control egg size:

- ✓ Set up your **egg size** target based on your local market.
- ✓ Producing bigger egg than what your market request **isn't efficient**.
- ✓ Reducing the whole amino acid intake reduces the egg size **without affecting egg production**.



 % Lay

 Egg weight

Perez-Bonilla et al 2011b





Calcium and phosphorus needs :

P

Reduce the phosphorus the egg production doesn't need much



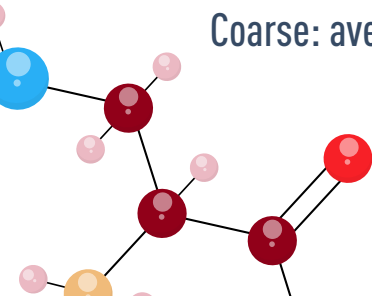
Ca

Calcium carbonate coarse should be the 70% of the calcium source.

Particle sizes:

Fine: average 1 mm

Coarse: average 3.5 mm



Bibliography



H&N International management guides.