Changes feed intake

There are key factors affecting the target feed intake

- **Temperature** is highly influential.
- **Energy level** of the diet.
- **Body weight** of the birds.
- **Diseases.**
- **Set up of the farm,** like feeder space and density of the birds.

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Body weight effect

Inside of the flock we will have different behaviour of the feed intake based on the body weight

At the end the birds will satisfy the needs and we will have an average feed intake of the flock.

Feed of 2765 kcal/kg	Individual body weight (gr)	Daily needs (kcal/day)	Daily feed intake (gr/day)
	2000	330	119,3
	1900	322	116,4
	1850	318	115
	1800	314	113,5

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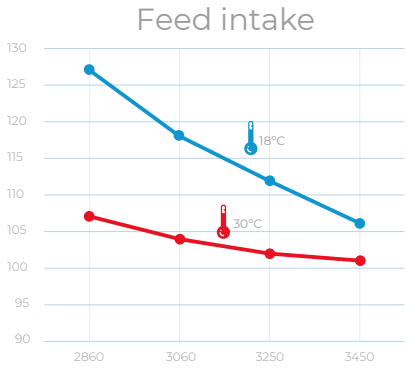
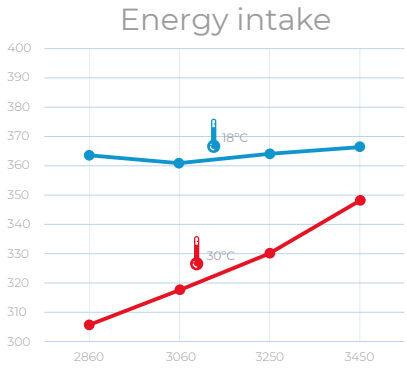
Temperature

The Comfort temperature of layers is 20-24°C.

Birds can keep the same energy intake adjusting their feed intake as long as they are housed at comfort temperature.

The average feed intake will be impacted by the temperature of the house.





Courtesy of Steve Leeson

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Intake is affected

by the structure and the energy of the feed

The feed intake changes based on the energy and also based on the presentation

	BWG, g	Intake, g	FCR, g/g
MEn			
Low	11,8[c]	56,3[a]	4,77[a]
Medium	12,1[b]	54,5[b]	4,51[b]
High	12,3[a]	52,3[c]	4,23[c]
Structure			
Mash	12,0[b]	53,9	4,50
Crumble	12,2[a]	54,8	4,51

Adapted from Frikha et al 2009[a]

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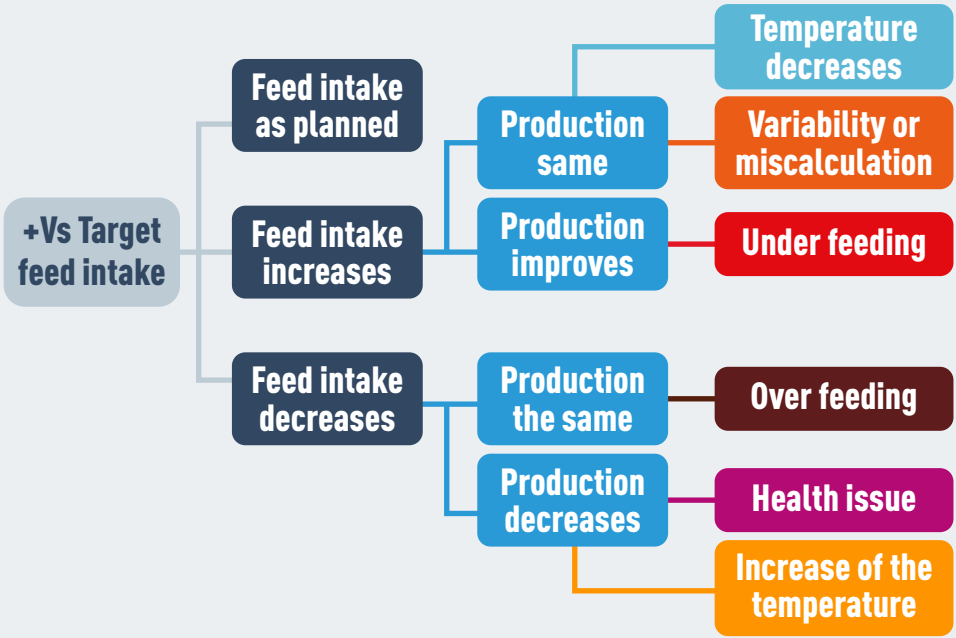
Use the feed intake
as technical tool

When we have a target intake we can evaluate the level of feed accuracy and see whether it's successful



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