

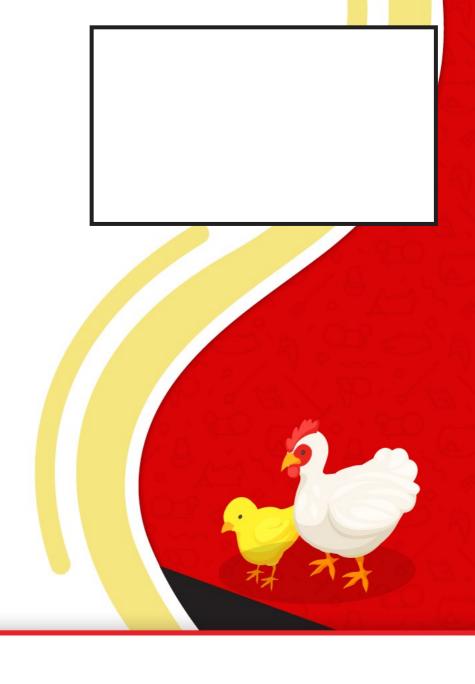


CHICKS DIG IT!

Curiosity may have killed the cat...

BUT IT GOT THE CHICKEN ACROSS THE ROAD

- Investment capital?
- Drive and passion?
- Explore and learn
- Why am I venturing into Broiler Farming?





WHAT WE WILL BE COVERING TODAY:

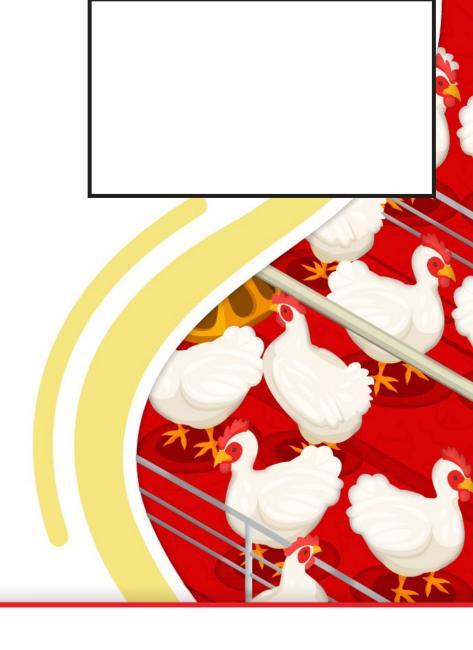
- Capital investment
- Production inputs
- Route to market considerations
 - Who am I up against
 - Who am I serving
 - How often





THINKING OF STARTING UP?

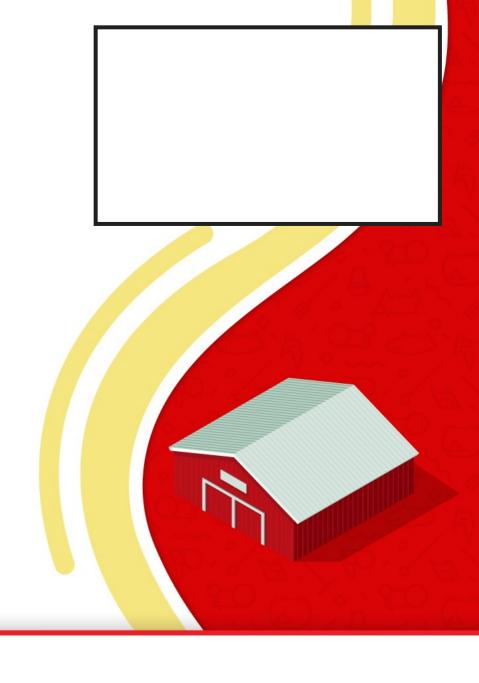
- Minimal land needed depending on scale
- Land & capital available may determine quantity
- Feasibility study including market research
- Make sure you have a well thought through plan





WHAT WILL I NEED?

- Suitable housing
 - Land (Own/Rent)
 - water
 - Electricity
 - access to my farm





WHAT WILL I NEED?

- Equipment
 - Drinkers & Feeders (Brooding phase and bulk)
 - water tank
 - heating system
 - Biosecurity
 - Scale
 - Thermometer
 - PPE etc...





WHAT WILL I NEED? NB: Location

- Production Inputs
- Day old chicks
- Starter phase 600g per chicken / day 0 to 15 / Cost avg. R600 per 100
- Grower phase 1kg per chicken / day 16 25 / Cost avg. R800 per 100
- Finisher phase 1.3kg per chicken / day 26 36 / Cost avg. R700 per 100
- Maintenance feed from date of selling till cage is sold out / R450 per 100
- Feed paper
- Bedding
- Medication & vitamins

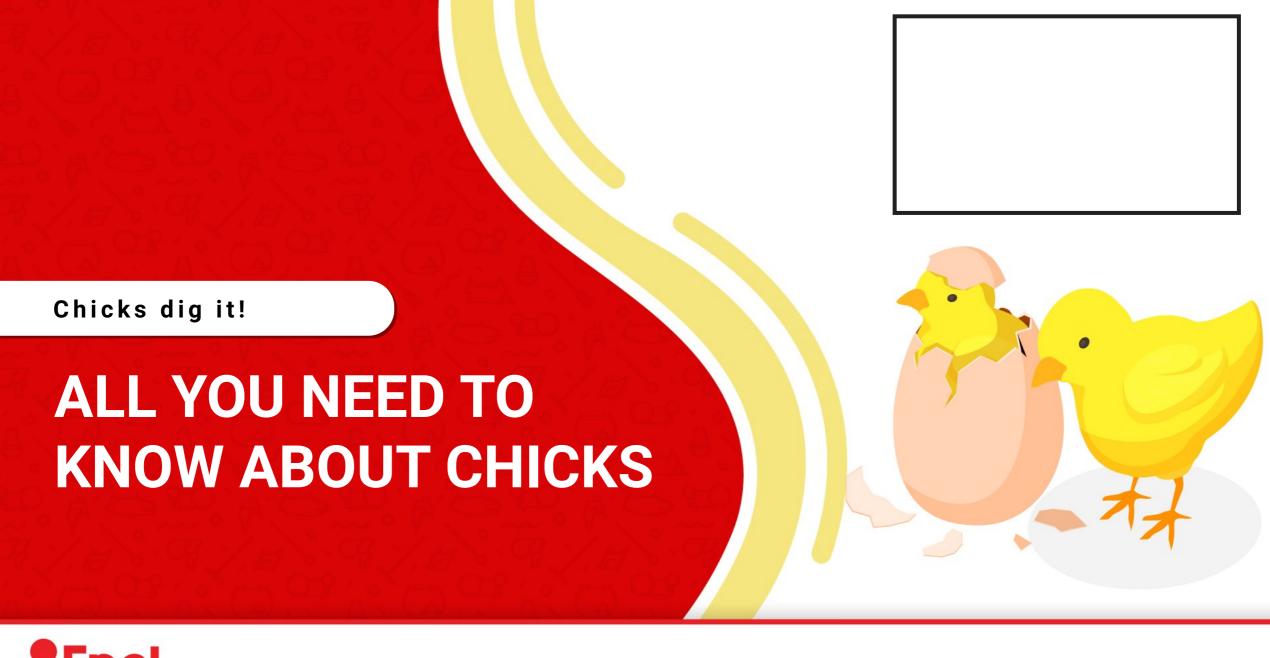


ROOT TO MARKET

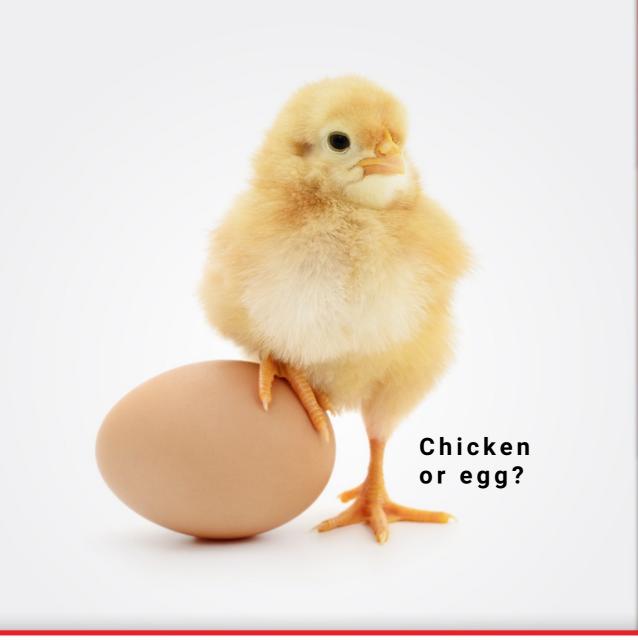
- Competitor SWOT analysis
- What will you do differently?
- Slaughtered or Live selling
- How can I minimize the customers acquisition cost in my supply?











INTRODUCTION TO THE CHICK

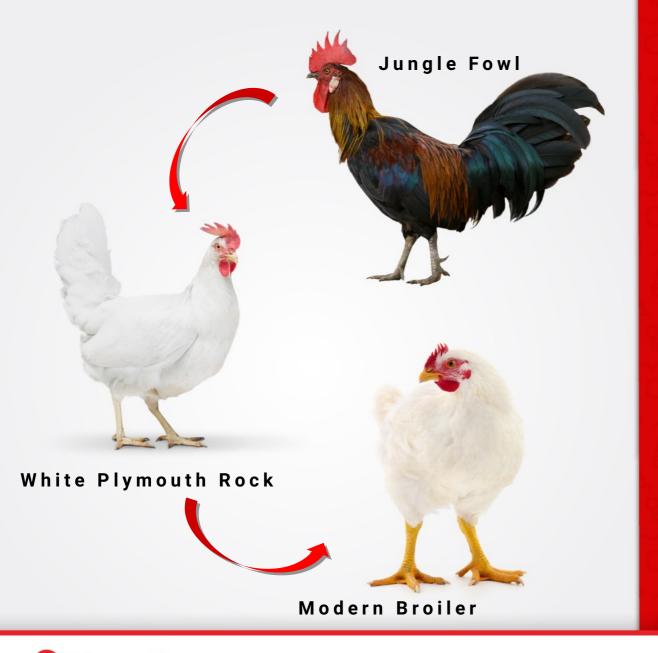




Scientists concluded that the chicken came first, not the egg, because the protein which makes egg shells is only produced by hens.

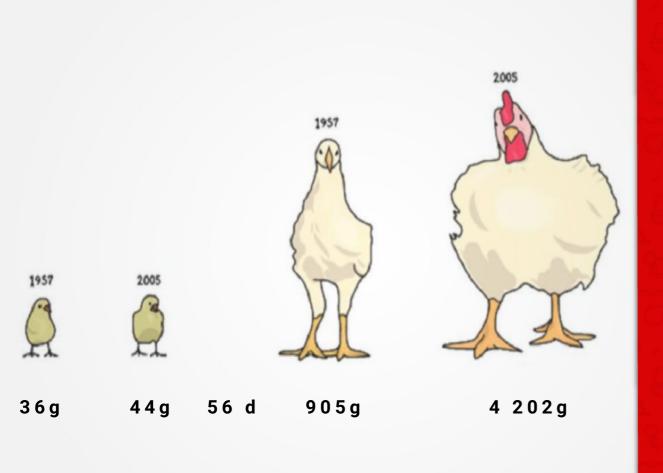
INTRODUCTION TO THE CHICK





INTRODUCTION TO THE CHICK



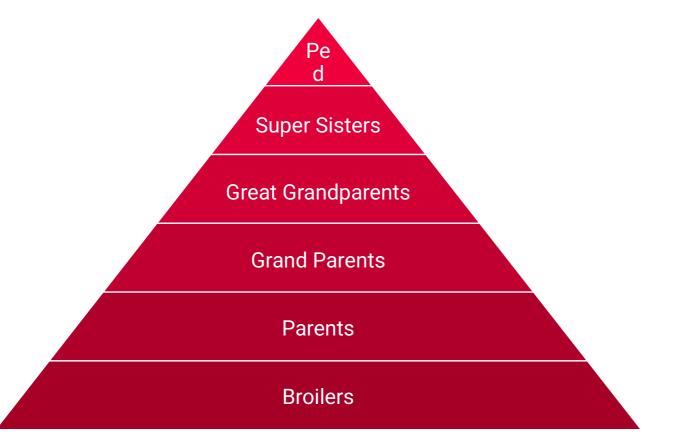




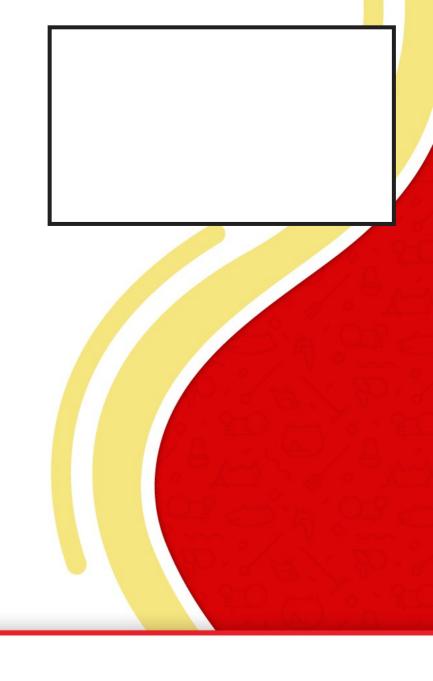


MY FAMILY TREE

1:5000



5 years







Cobb-Vantress Inc.







BREED OPTIONS















BREED OPTIONS



BREED OPTIONS

- Commercial
 - Gravis independent local breed

- Traditional
 - Variety of dual-purpose breeds including:
 - Venda, Koekoek, Bushveld etc

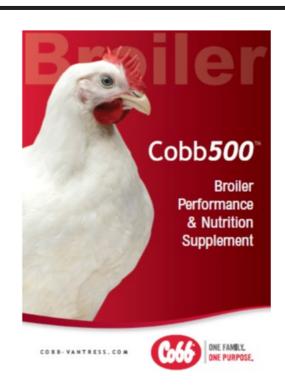




COBB BROILER FOCUS

Cobb 500™

- Lowest cost of liveweight produced
- Superior performance on lower cost feed rations
- Most Feed Efficient
- Excellent Growth Rate
- Best Broiler Uniformity for Processing





ROSS BROILER FOCUS

Ross® 308

- Leading FCR
- Excellent Meat Yield
- Low cost of production





Ross 308 - Broilers

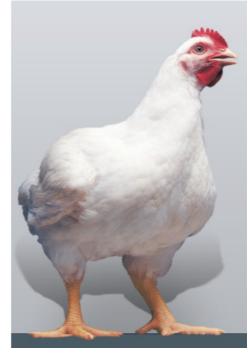


ARBOR ACRES BROILER FOCUS

Arbor Acres Plus

- Excellent Growth Rate, FCR and Livability
- Breast conformation for live market







CHICK QUALITY



Photo 2 - Lethargic vs normal chick.

- Hatchery manager Maximum Grade A chicks and good clean Navel
- Broiler Farmer Active, well hydrated, low mortality
- Veterinarian Active with well healed, infection free navel

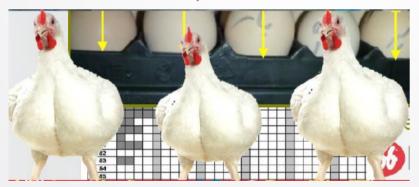


Importance of

CHICK QUALITY

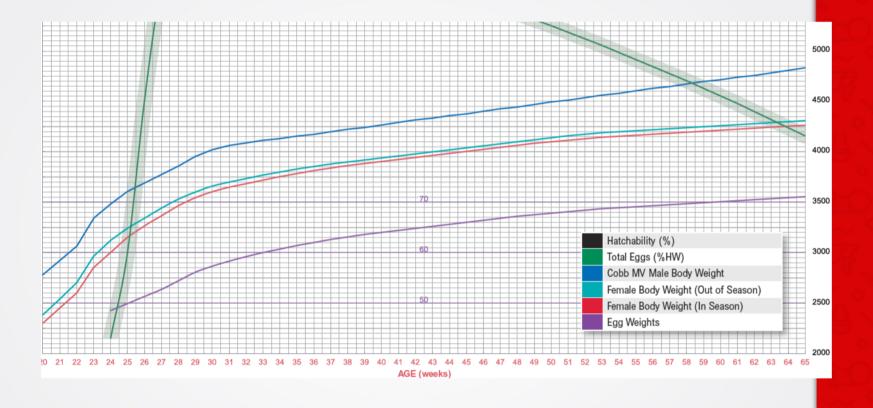






- Vital for optimal live cycle performance
- Good start = good finish
- Lower ready for market age = Bigger
 premium on good start
- Superior/highly developed genetics
 expressed when all aspects of the chick is
 well balanced





Chick Weight

Flock Age and Egg Weight

- 32 50 g Chicks
- Breeder Flock Age 26
 to 65 weeks



Overview

CHICK QUALITY

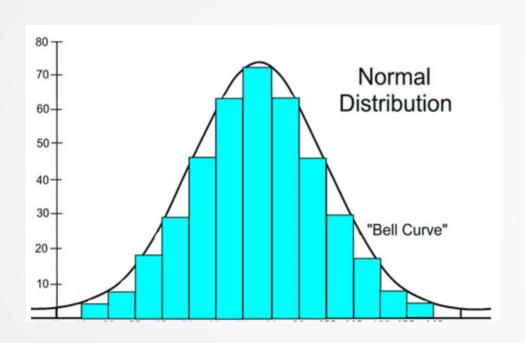


- Chicks should be active, alert and lively
- Down should be clean and dry
- A round eye is normally a good indication of a healthy day-old chick
- Make sure it is broiler chicks...
- Generally vaccinated for Newcastle disease and Infectious Bronchitis



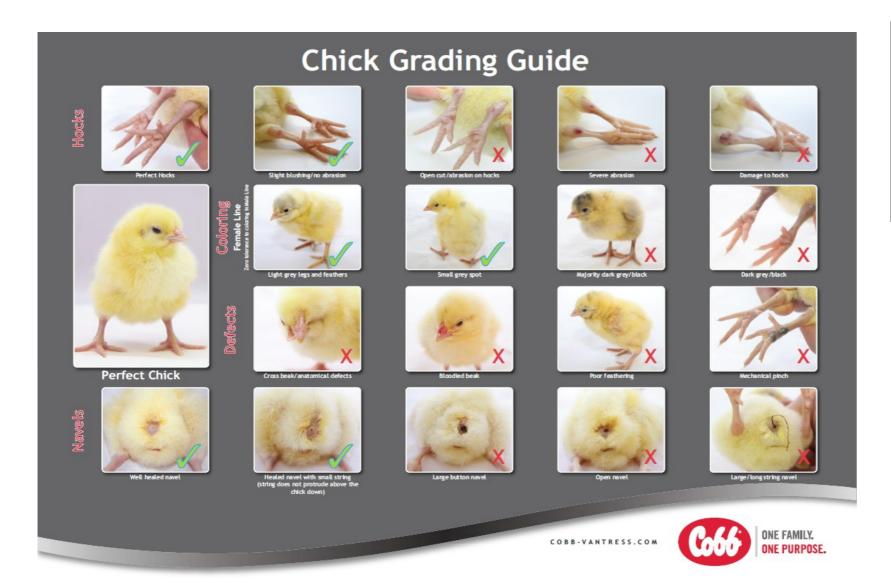
Uniformity

CHICK QUALITY



- Uniformity linked to flock age/hatching egg weight
- High number of chicks with similar weight (hight)
- Easy set up of drinkers and feeders
- Lower risk of competitive exclusion

















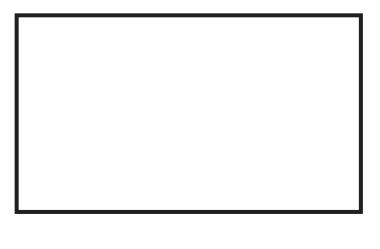
CHICK QUALITY EVALUATION: NAVELS

- Navel should be cleaned closed and well healed
- Poor quality navels are those that have a rough black button, a string or are open and unhealed
- Down should be clean and dry



CHICK QUALITY EVALUATION: BELLY

- The belly is a good indication of amount of yolk sack remaining that is linked to temperature and humidity during incubation
- Poor quality chicks will have hard bellies and tight/stretched skin

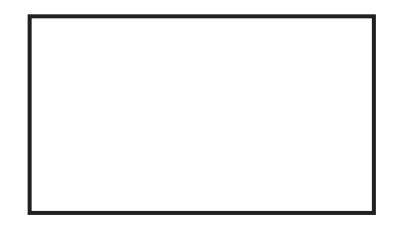






CHICK QUALITY EVALUATION: REFLEX

- Good indication of health and livability
- Strongest and healthiest chicks should flip onto its feet within 3 seconds
- Flipping over between 3 and 10 seconds would be acceptable
- Poor quality chicks take longer than 10 seconds



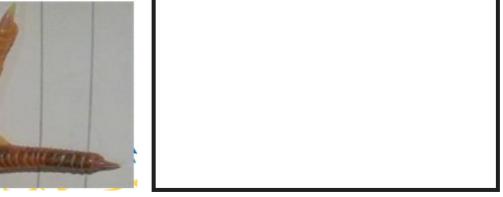












CHICK QUALITY EVALUATION: HOCKS AND MECHANICAL DAMAGE

- Good quality hock should have normal uniform colour with no visible inflammation
- Poor quality hogs include those that are inflamed, show blushing/redness, have abrasions or cuts
- Mechanical damage during processing can result in bruising abrasions and cuts











CHICK QUALITY EVALUATION: LEGS DEHYDRATION

- Good quality chicks should have clean waxy legs
- Extended time in the hatcher will lead to dehydration evident in through signs of dryness including dehydration (protruding leg vein), redness and legs feeling rough and not having a waxy sheen









CHICK QUALITY EVALUATION: BEAKS

- · Beaks should be clean and free of any debris such as merconium
- Dirty beaks are and indication of the chicks spending too much time in the hatcher
- A red dot on the beak is an indication of overheating (or low moisture loss)







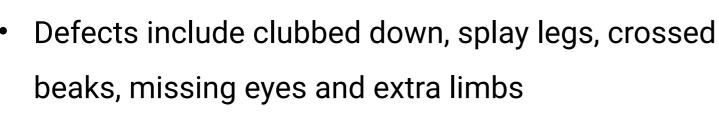
CHICK QUALITY EVALUATION: FEATHERING

- Feather development is a sign of how "fresh" chicks are
- Ideally there should be little to no feather development
- Chicks hatching early display feather development and carries a risk of dehydration



CHICK QUALITY EVALUATION: DEFECTS

beaks, missing eyes and extra limbs

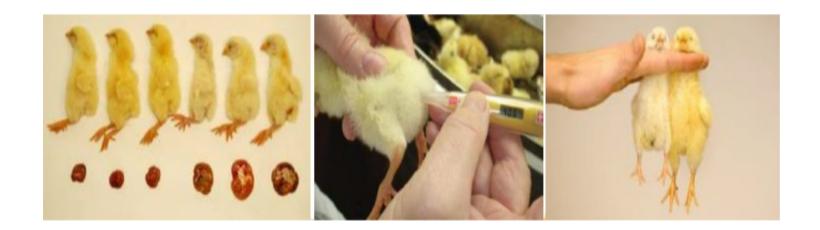












CHICK QUALITY EVALUATION: MODERN PARAMETERS

- Chick length
- Chick yield
- Residual yolk weight

- Cloaca temperature
- Organ weight and blood analysis for enzyme activity and oxidative stress





Look after your chick and it will look after you

