Chick Selection Guide

Good



Active and alert - no visible defect



Fluffy head, rounded eyes and pinkish beak



Pinkish feet and feels waxy when touched



Belly is not bloated, well-healed navel

Acceptable



Chicks with short thin string navels

- High humidity in the hatcher due to water puddle from condensation of the cooling coils
- Active humidity spray during hatching



Chicks with red spots on the nostrils

- High temperature during the hatching stage



Chicks with pen point black navel not exceeding 2mm in diameter

- High temperature during the first week of incubation



Chicks with completely healed navel but has yellow ring around it

- Excessive fumigation
- Incorrect timing of fumigation during hatching

Cull Chicks



Stargazer or Wring Necked / Exposed Brain / Chicks with no Eye / Cross Beaked

- Genetic / congenital malformations
- Nutrition deficiency (A, Riboflavin, Trace Minerals)
- Unlikely related to incubation conditions



Clubbed Down

- Nutrition deficiency in the breeder farm (D, E, and B-Complex)



Sticky Chicks / Chicks with inner membrane sticking to the navel

- Low incubation temperature
- High hatcher temperature at transfer
- Very low hatcher temperature after humidity peak
- Active humidity spray from transfer to hatch



Splayed Leg

- High incubation temperature from second week and onwards



Button Navel

- <5mm - High incubation temperature on the first week but with low temperature from second to third week
- >5mm – Insufficient moisture loss with high hatcher temperature



Infected Navel

- High contamination
- Dirty hatcher baskets
- Dirty eggs



Unhealed Navel

- Early pullout
- Long storage
- Insufficient moisture loss
- Wide hatch window