

DAY 1



Embryonic Development

Appearance of Tissue Development

Troubleshooting

Low fertility

Pre-incubation

Improper fumigation

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Rough egg handling

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs

Nutritional-drugs-toxins



Embryonic Development

Tissue development very visible.

Appearance of blood vessels.

Troubleshooting

Low fertility

Pre-incubation

Improper fumigation

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Rough egg handling

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs

Nutritional-drugs-toxins



Embryonic Development

Heart beats.

Blood vessels very visible.

Troubleshooting

Low fertility

Pre-incubation

Improper fumigation

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Rough egg handling

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs

Nutritional-drugs-toxins



Embryonic Development

Eye pigmented.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Rough setting of eggs

Contaminated eggs

Nutritional-drugs-toxins



Embryonic Development

Appearance of elbows and knees.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Rough setting of eggs

Contaminated eggs

Nutritional-drugs-toxins



Embryonic Development

Appearance of beak.

Voluntary movement begins.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Rough setting of eggs

Contaminated eggs



Comb growth begins.

Egg tooth begins to appear.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Rough setting of eggs

Contaminated eggs



Feather tracts seen.

Upper and lower beak equal in length.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs



Embryo starts to look bird-like.

Mouth opening appears.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs



Egg tooth prominent.

Toe nails.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs



Comb serrated.

Tail feathers apparent.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs



Toes fully formed.

First few visible feathers.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs



Appearance of scales.

Body covered lightly with feathers.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs



Embryo turns head towards large end of egg.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs



Gut is drawn into abdominal cavity.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Contaminated eggs



Feathers cover complete body.

Albumen nearly gone.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Contaminated eggs



Amniotic fluid decreases.

Head is between legs.

Troubleshooting

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Contaminated eggs



Growth of embryo nearly complete.

Yolk sac is still on outside of embryo.

Head is under the right wing.

Troubleshooting

Hatcher opened too much during hatch cycle

Rough transfer

Transfer cracks

Wet trays and hatchers

Inconsistent transfer

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Contaminated eggs



Yolk sac draws into body cavity.

Amniotic fluid gone.

Embryo occupies most of space within egg (not in the air cell).

Troubleshooting

Hatcher opened too much during hatch cycle

Rough transfer

Transfer cracks

Wet trays and hatchers

Inconsistent transfer

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Contaminated eggs



Yolk sac drawn completely into body.

Embryo becomes a chick (breathing in air cell).

Internal and external pip.

Troubleshooting

Hatcher opened too much during hatch cycle

Rough transfer

Transfer cracks

Wet trays and hatchers

Inconsistent transfer

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Contaminated eggs

Nutritional-drugs-toxins



Embryonic Development

Chick hatches

Feathers dry

Should be pulled from hatcher before becoming dehydrated.

No longer an embryo - will require feed, water, and controlled climate.

Bird ready for placement into house



Tissue development very visible.

Appearance of blood vessels.

Troubleshooting

Low fertility

Pre-incubation

Improper fumigation

Improper turning

Improper temperature

Improper humidity

Improper ventilation

Inverted eggs

Rough egg handling

Insufficient egg holding time

Rough setting of eggs

Contaminated eggs