

Maritime Chicks

North America's First Hatchery
with
Food and Water

12 Months

Growing Broiler Chicks

Hatched with

Food and Water

Why Early Feeding

- Animal Welfare
 - Bird Health
 - Barn Performance
 - Elimination of antibiotics
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- WHY WOULD WE NOT DO IT ?

Light, feed and water in hatcher: first necessities of life

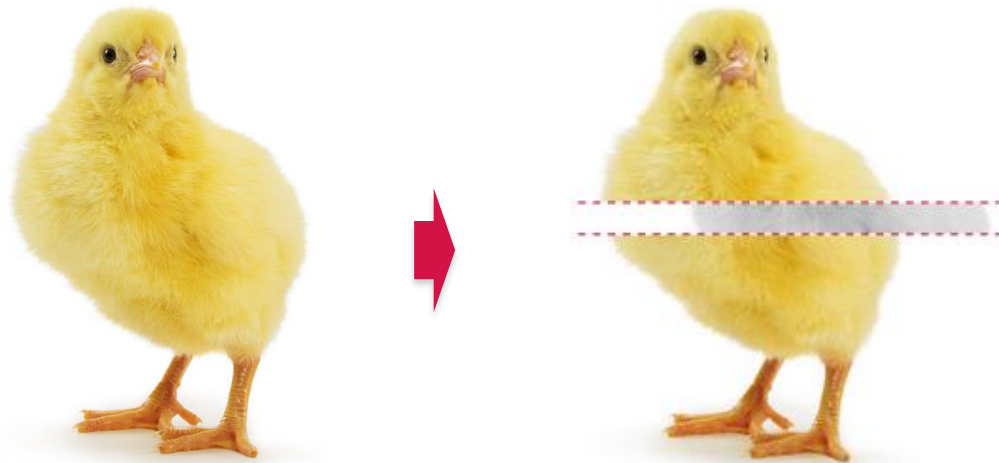
- No dehydration
- No hunger
- Optimal continuation of development

Positive effects of early feeding in HatchCare

- Faster uptake of residual yolk
- Improved intestinal development
- Improved immune system

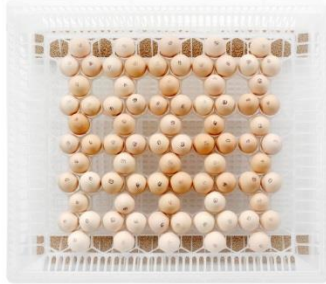


Dehydration is unhealthy!



Average Hatch Chick weight of 45g increases over 8gr

HatchCare: Hatcher with Light, Feed and Water



Our Expectations

- Better Hatch (4%)
- Higher chick weight of day old chick (5g)
- Improved 7 day weight (20g)
- Lower Mortality (1%)
- Better Feed Conversion (3%)
- Eliminating all antibiotic use at hatchery
- Reducing “hatchery infection” costs (75%)
- Chick for antibiotic free production

Early 6 Months Results

- Spring 2016
- Cobb Fast Feather
- Mash Feed High Performance Diet
- Average 9 hour travel time to slaughter

Early 6 Months Results

- Hatch up from 85% to 89%
- Chick weight up over 10g to 58g avg
- 7 Day weight up 43g to 199g avg
- Mortality down 1.5% to 2.1%

Early 6 Months Results

- EEF score up from 342 to 382 (12%)
- FC 1.69 down to 1.66 (-2%)
- AVG Weight at slaughter 2.28 up to 2.53 (9%)

Early 6 Months Results

- Zero antibiotics at hatchery
- Zero “hatchery infections” at farm
- Life of Flock Mortality from 3.6% to 2.1%

Unexpected Results

- Chicks are ready for the barn
- Reduced amount of feed on floor by 75%
- Initial Barn Temperatures lowered
- 2015 Spring 40 day 2.28 FC of 1.68
- 2016 Spring 41 day 2.53 FC of 1.66
- 4 Day mortality down 7% to 0.54%
- 10 Day mortality down 8% to 1.03%

Biggest Surprise

- Our oldest barns with poorest results
- Underperforming barn managers
 - *TRANSFORMED*
- Old barns perform as well as new barns
- All barn managers are much more equal

It all starts with the eggs

- Award Winning Hatching Eggs
- No Floor Eggs
- Perfect Climate during storage and Transport



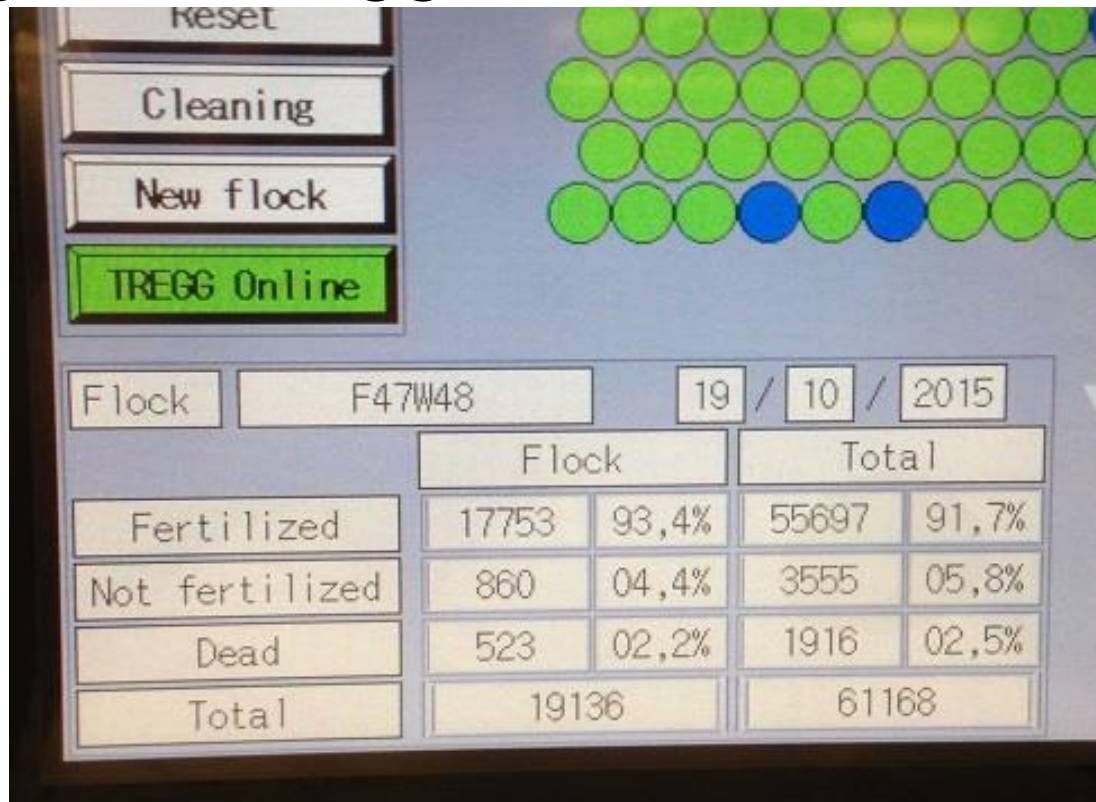
Next Step is Great Incubation

- 18 days of perfect embryo development



Transfer to Hatcher

- Live Embryo Detection
- Only viable eggs are moved



Eggs are Vaccinated



Feed is added

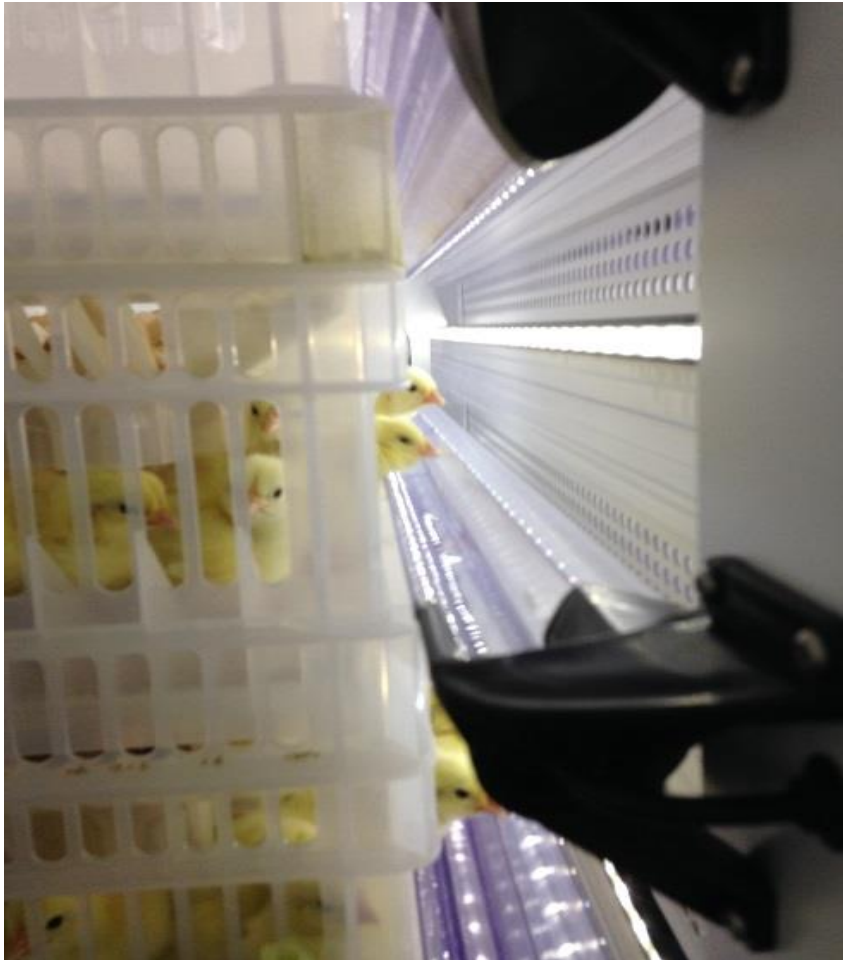


Perfect Hatching Climate for All

Early – Normal – Late Hatch Windows are all accomandated



Food & Water



- And FUN and SUN

“Hatch” Day

- Chicks remain un-disturbed in box
- One quick inspection
- One quick vaccination



Next Stop - Farm



12 Months Results

- 2015 Traditional Hatchery
- 2016 Hatch Care Hatchery
- Cobb Fast Feather
- Mash Feed Medium Performance Diet
- Average 9 hour travel time to slaughter

12 Months Results

- 7 Day weight up 18% to 152g
- Mortality down 42% to 2.15%
- Condemns down 20% to 0.4%
- EEF score up from 300 to 355 (18%)

12 Months Results

- ADG up from 53g to 60g (13%)
- FC 1.76 down to 1.69 (-4%)
- AVG Weight at slaughter 2.30 up to 2.55 (11%)

