

Farm Name Placement Date (MM/DD/YY)

Barn # Floor # Placement Start Time (HH:MM) AM PM Placement End Time (HH:MM) AM PM Hatchery # of Birds Placed

Dedicated delivery? (Were all chicks on truck designated for your farm?) Yes No Truck door closed between offloading chick trays? Yes No Truck Temperature °C °F Truck relative humidity (%)

Chick Placement

Hatchery personnel: Biosecurity Protocol Observation	Sprayed truck wheels prior to entering driveway?	<input type="radio"/> Yes <input type="radio"/> No
	Wore farm-specific coveralls and booties?	<input type="radio"/> Yes <input type="radio"/> No
	Observed CAZ/RA?	<input type="radio"/> Yes <input type="radio"/> No
	Other comments	

Barn Preparation/Brooding Management

Litter	Type	Average Depth <input type="radio"/> cm <input type="radio"/> in
	Temperature <input type="radio"/> °C <input type="radio"/> °F	Check litter surface for water drip <input type="radio"/> absent <input type="radio"/> present
Feed	% Brooding Space covered	Type
	Birds/Feeder	
Water	Pressure (drops/sec)	How many times flushed before chick placement
	Birds/Nipple Drinker	Temperature <input type="radio"/> °C <input type="radio"/> °F
Barn Environment	Air temperature <input type="radio"/> °C <input type="radio"/> °F	Light Intensity <input type="radio"/> Lux <input type="radio"/> Candlelight
	Relative humidity (%)	Carbon Dioxide (PPM)
	Chlorine level at end of drinker line (if Chlorine is used) (PPM)	Pre-heating Duration (Hours)

For more information on brooding best management practices, please contact Dr. Gbenga Alade, Food Safety & Quality Assurance, Veterinary Affairs Specialist at 289.288.4221 or at gbenga.alade@ontariochicken.ca.

Chick Parameters

Barn # Floor # Placement Start Time (HH:MM) AM PM Placement End Time (HH:MM) AM PM Date of Placement (MM/DD/YY)

Farm Name # of Chick Trays Chicks per Tray (Count chicks in representative # of trays)**

Chick Count

Parameters		Representative Sample **										Average	Optimum Range	Possible Remedial action if outside optimum range	
Vent temperature (°C)	Off-truck	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		39.4–40.5°C	Report back to hatchery
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
	At 24 hours	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		39.4–40.5°C	Check brooding environment (FLAWSS)
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				

Parameters		Representative Sample **	Optimum Range	Possible Remedial action if outside optimum range
Subjective Assessment	Navel		Healed/ Absence of malodorous yolk sac	Report back to hatchery
	Hocks & toes		Free of red hocks	Report back to hatchery
	Appearance		Dry/Clean/Deformity- free	Report back to hatchery
	Hydration		Absence of dark wrinkled legs	Report back to hatchery
	Chick spread/ behavior		Active and alert / Seeking food	Check brooding environment (FLLAWSS), if optimal, report back to hatchery
Crop fill (%) & Consistency	At 4 hours		80 %	Evaluate brooding environment (FLLAWSS) / availability and accessibility of feed
	At 8 hours		> 80 %	
	At 24 hours		> 95 %	
	Consistency at 24 hours (please check one)	<input type="radio"/> Full & hard <input type="radio"/> Full & soft <input type="radio"/> Pliable <input type="radio"/> Empty	Pliable	Full & hard: evaluate availability of water (FLLAWSS) Full & soft: evaluate accessibility & availability of feed (FLLAWSS) Empty: Evaluate FLLAWSS

Parameters	Representative Sample **										Average	Optimum Range	Possible Remedial action if outside optimum range	
Chick weight at placement (g)													>34g	Report back to the hatchery

Parameters	Representative Sample **										Optimum Range	Possible Remedial action if outside optimum range
Dead on Arrival (DOA)												Report back to the hatchery
Daily Mortality and culls (First 7 days):	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Total			≤ 1% at 7 days	Evaluate brooding environment (FLLAWSS), if optimal; report back to hatchery
7-day weight gain											4 – 5 times weight at placement	Evaluate brooding environment (FLLAWSS)

*Develop a systematic approach to troubleshooting chick quality issues using the acronym FLLAWSS - Feed, Light, Litter, Air, Water, Space, Sanitation, Security. For more information on brooding management and a FLLAWSS please refer to CFO's Brooding BMP video and Aviagen's Ross Broiler Management Handbook.

** Chicks in about 1 out of 20 trays should be counted to obtain a representative sample

*** Representative sample - minimum of 1% or 50 birds whichever is greater; birds should be sampled from at least 3 different locations within the barn. For Crop fill - 30-40 birds should be sampled from 3 to 4 different locations within the barn.