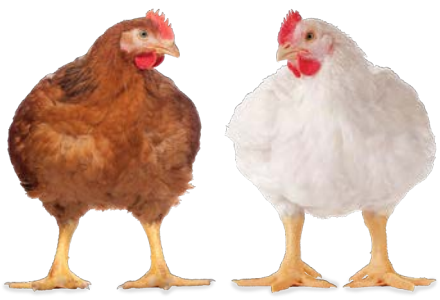


BROILER MANAGEMENT

Hubbard
YOUR CHOICE, OUR COMMITMENT

BREEDING FOR YOU SINCE 1921

BROODING THE CHICKS

Stimulate drinking and eating behaviour from day old

LIGHT

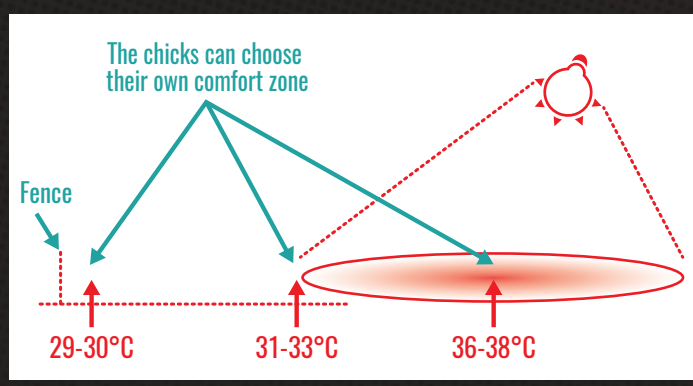
- Uniform lighting.
- Minimun 50 lux during the first seven days.
- Day 1 day 4: if possible cycles of 3.30 h light/30 min dark (or 24 h of light).
- Implementation of the lighting program from day 5.

FEED

- 1 feeder for 50 to 70 chicks.
- Chick paper on the floor with feed on 40-50% of the surface.
- Fresh feed (starter crumbs type), replenish regularly to stimulate appetite.
- Check the crops: after 24 h, 96% of the chicks should have a full and soft crop.
- Removal of chick paper at day 3 or day 4.

TEMPERATURE

- Ambient temperature at start: 32-34°C.
- Decrease the temperature regurlarly and progressively to 30-31°C at 7 days.

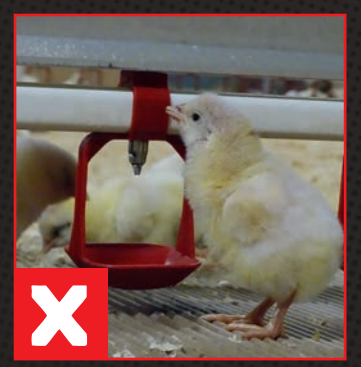


DENSITY / LITTER

- Density at placement: 25-40 birds/m².
- Preheat the litter (30°C) 24 to 72 h before placement.
- Flat litter to promote chick activity:
  - 1 to 2 kg/m² wood shavings or equivalent on concrete floor.
  - 4 to 5 kg/m² chopped straw or equivalent on ground floor.

WATER

- 1 drinker for 50 to 70 chicks or 1 nipple for 10-15 chicks.
- Fresh water one hour before placement.
- Ideal pH is between 5.5 and 6.8 with an optimal Redox potential higher than 600 mV and / or chloration at the end of the pipe of 0.5 ppm.
- Nipples: check the height and pressure.
- Drinkers: maximum water level at placement.



AGE IN DAYS			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
TEMPERATURE	Under the heaters		36-38				34-36			32-34							
	Living area		32-34	32-33	31-32		30-31			0.3°C per day							
	Environment		30-34	30-33	30-32												
HUMIDITY	%		45-55				50-60				50-65						
MINIMUM VENTILATION	m³/kg/hour*		≥ 1.5				≥ 1.4	≥ 1.3	≥ 1.2	≥ 1.1	≥ 1						
EQUIPMENT	Drinker		1 round drinker for 50 birds 1 nipple for 10-15 birds				1 round drinker for 100 birds / 1 nipple for 10-15 birds										
	Feeder		1 feeder / 50-70 birds + chick paper				1 feeder for 50-70 birds										
DENSITY	Chicks/m²		25-40				25-35				15-25						
LIGHT PROGRAM**	Liveweight (h)	Broilers under 2 kg	6 X (3.5h light + 30 mn dark or no artificial light)				20										
		Broilers over 2 kg					20				18						
	Intensity (lux)		50								40	35	30	25	20	15	10

** The minimum ventilation rate could be much higher than the figures shown in the table if the chicks are placed on built-up litter (ammonia release from the litter) or under hot and humid climate.*

*** Please refer to local legislation first.*

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