

BROODING THE CHICKS

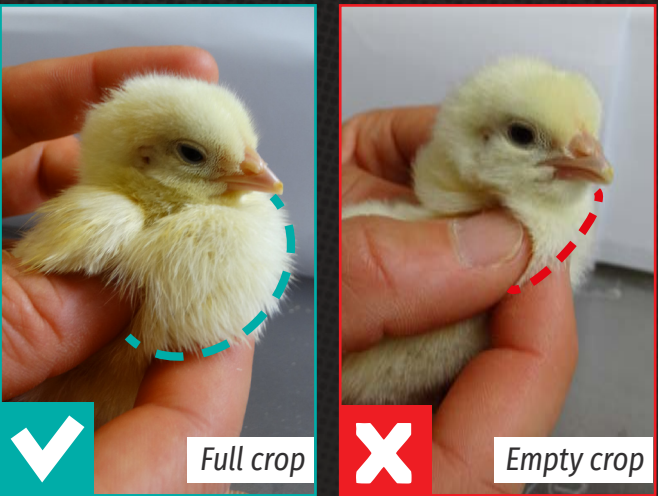
Stimulate drinking and eating behaviour from day-old

LIGHT

- Uniform lighting.
- Minimum 60 lux during the first days.
- Use an intermittent lighting programme*** at least from day 1 to day 7 e.g. cycles of 2.30 h light/30 min dark at day 1. Always respect the recommended hours of light below and a minimum of 4 cycles of light/dark per day.
- Reduce light duration and intensity as indicated in the table below.

TEMPERATURE

- 1 brooder per 500 chicks. Please refer to the table below and adjust according to the distribution of the chicks in the house.
- Decrease the temperature regularly and progressively to 20°C at 5 weeks.



FEED

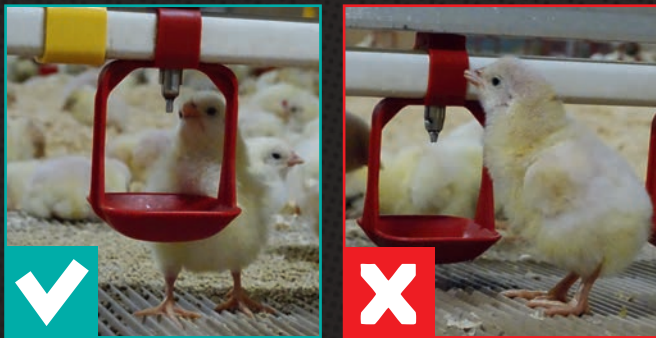
- Ad libitum first 2 weeks or until 3 weeks if the 2 weeks bodyweight is not achieved.
- Check the crops: after 24 h, 96% of the chicks should have a full and soft crop.
- Chick paper on the floor with feed on at least 50% of the surface.
- Fresh feed (starter crumbles or mini pellets), replenish regularly to stimulate appetite. Avoid build up of feed dust during the first 2 weeks.
- Start using the chain feeders at 6-8 days.

DENSITY / DISTRIBUTION

- Density at placement: 25-30 birds/m².
- Increase floor space in 3 steps.
- Distribution of the chicks needs to be uniform throughout the entire house.

WATER

- 1 drinker per 60 birds.
- Water should be at ambient temperature (24-26°C).
- 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 1ppm (acceptable range: 0.5 to 3 ppm).
- Nipples: regularly check height and pressure.
- Drinkers: regularly check height and water level (maximum 2 cm).



AGE IN DAYS			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
TEMPERATURE	Under the heaters		35-36				32-34			28-30							
	Living area		28				27-28			25-26							
	Whole house heating		31-32	30-31	29-30	28-29		26-27									
HUMIDITY	%		50-60														
EQUIPMENT	Drinker		1 round drinker for 60 birds; 1 nipple for 8 birds								1 round drinker for 80 birds; 1 nipple for 8-10 birds						
	Feeder		1 feeder/50-70 birds + chick paper > 50% of the surface								Chain feeder: 6-8 cm/bird; 1 oval pan feeder/ 13-14 birds*; 1 round pan feeder/12 birds						
DENSITY	Chicks/m²		25-30				12				6-8						
LIGHT PROGRAM	Light duration (h)	Conventional range	24		22	21	20	19	18	17	16	15	14	13	12	11-12**	8-12**
		Premium range	24	22		20		18		16							
	Light intensity*** (lux)		60								40		20		5-10		

* Feeding space to be adjusted according to the behaviour of the birds. Manage properly the feeder openings to maintain uniformity.
** In case the target weights of the males and/or females are not achieved at 7 days.
*** If permitted by local regulations.