

In To Jon

Incubation regime for duck eggs in "RoboCipa" incubators

Day	Temp. (air)	Humidity %	Ventilation	Spraying with water + cooling (times per day)	Automatic turning	Date	
1	38.0	55	every 60min.	-	On		
2	38.0	55	every 60min.	-	On		
3	37.8	55	every 60min.	-	On		
4	37.8	55	every 60min.	-	On		
5	37.8	55	every 60min.	-	On		
6	37.8	55	every 60min.	-	On		
7	37.8	55	every 60min.	-	On		
8	37.8	55	every 60min.	-	On		
9	37.8	55	every 60min.	-	On		
10	37.8	55	every 60min.	-	On		
11	37.8	55	every 60min.	-	On		
12	37.8	55	every 60min.	-	On		
13	37.8	55	every 60min.	-	On		
14	37.8	55	every 60min.	-	On		
15	37.8	55	every 60min.	-	On		
16	37.8	60	every 30min.	-	On		
17	37.8	60	every 30min.	-	On		
18	37.8	60	every 30min.	-	On		
19	37.8	60	every 30min.	-	On		
20	37.6	60	every 30min.	-	On		
21	37.6	60	every 30min.	-	On		
22	37.6	60	every 30min.	-	On		
23	37.4	65	every 30min.	-	On		
24	37.4	65	every 15min.	-	On		
25	36.8-37.4	65	every 15min.	-	On		
26	36.8-37.4	70	every 15min.	-	Off		
27	36.8-37.4	75-82	every 15min.	-	Off		
28	36.8-37.4	75-82	every 15min.	-	Off		
29	36.8-37.4	75-82	every 15min.				

Note to the farmer during incubation:

The day before lifting the humidity, switch off the turning, put the baskets in a horizontal position and put the lids on.

* Overheating of eggs is worse than underheating, leading to more serious problems and a higher percentage of embryo/chick deaths. Overheating - an eggshell temperature above 39C - is critical! Recommended eggshell temperature: 38.3 - 38.5C

* Eggshell temperature should start to be measured and monitored in the second half of the hatching cycle.

* Monitoring the temperature should be done on the egg, **this is the most important!** This can be done with a pyrometer, or with a small electronic thermometer sensor stuck to the egg with duct tape.

* Overheating of the eggs can happen at any air temperature, whether at 37.7 or 36.7 - it is very individual.