

InToJon

Incubation regime for chicken eggs in "RoboCipa" incubators

Day	Temp. (air)	Temp. (shell)	Humidity %	Ventilation	Cooling	Date	
1	38,0		55	every 60min.	-		
2	38,0		55	every 60min.	-		
3	37,8		55	every 60min.	-		
4	37,8		55	every 60min.	-		
5	37,8		55	every 60min.	-		
6	37,8		55	every 60min.	-		
7	37,8		55	every 60min.	-		
8	37,8		55	every 60min.	-		
9	37,8		55	every 60min.	-		
10	37,8		55	every 60min.	-		
11	37,6	38	55	every 30min.	-		
12	37,6	38	55	every 30min.	-		
13	37,6	38	55	every 30min.	-		
14	37,6	38	55	every 30min.	-		
15	37,6	38.3-38.5	55	every 30min.	-		
16	37,6	38.3-38.5	55	every 30min.	-		
17	37,6	38.3-38.5	55	every 30min.	-		
18	36.6-37.2	38.3-38.5	65	every 15min.	-		
19	36.6-37.2	38.3-38.5	70-75	every 15min.	-		
20	36.6-37.2	38.3-38.5	70-75	every 15min.	-		
21	36.6-37.2	38.3-38.5	70-75	every 15min.	-		
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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.

*At the middle of incubation, the egg starts to give off a lot of heat and CO₂, and you need to be prepared for this!

* Overheating the egg is worse than underheating, leading to more serious problems and a higher percentage of embryo/chicken deaths. Overheating - an eggshell temperature above 39°C - is critical!

*Controlling the temperature on the eggshell is the **most important thing!** This can be done with a small electronic thermometer sensor taped 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. However, the most important factor is the density (large number of eggs in a small incubator), and an additional ventilation fan can help.

*From day 17 to day 21, the air temperature in the incubator is regulated according to the temperature of the eggshell. For example: if the shell temperature is 38.9 then lower the air temperature by 0.2 - 0.4°C and wait a few hours to see if the shell temperature has dropped. If you do not have something to measure the shell temperature with, set the temperature in the incubator to at least 37.0 - 36.8 °C from day 17.

You can download the new incubation regime sheet on the website: www.intojon.lt/instrukcijos/