Quick Operation guide for Incubating & Hatching Goose Eggs.

This guide is based upon the use of a modern incubator using micro-computer technology, and that can accurately achieve the settings you have entered. Using properly stored eggs from healthy stock you should be able to achieve a hatch rate average in excess of 80%. This guide is based upon a hatch period of 30 days, and egg weight average 200 grams. *Humidity requirements vary for different breeds and egg size to achieve a weight loss of 12% to 17% according to the breed guides. You will need to follow these guides, or weigh eggs during the incubation period and adjust humidity levels accordingly.*

Days 1 – 4

Set the incubator temperature to 37.8 ^{0}C, and the humidity setting to 67%RH. Allow several hours before loading with room temperature eggs. Check that the trays in the incubator are in turning mode and the water supply is connected

Days 5 – 10

Reduce the humidity setting to 58%RH. Leave the temperature at 37.8^0 C. Check the water level is OK. FROM DAY 9 - if your incubator has a cooling facility, set it to operate for 90 - 120 minutes cooling per day. If it does not have a cooling facility, then once per day, turn the power off and open the incubator door slightly for a period of 45/60 minutes, very large eggs a little longer, then close door and turn power back on.

THE COOLING PERIOD FOR GOOSE EGGS IS VITAL.

Days 11 - 16

Reduce the temperature setting to 37.7^0 C. Leave the humidity setting at 58%RH. Again, check water level.

Days 17 – 26

Reduce the temperature setting to 37.6^0 C. Leave the humidity setting at 58%RH. Again, be sure to check the water level. Continue cooling operation once per day. Open air vents **just a fraction** to increase oxygen and decrease carbon dioxide whilst maintaining humidity and temperature settings.

Days 27 – 28

Cease cooling operation.

Level the turning trays and **switch off the turning mechanism.** Remove the eggs from the egg trays and transfer them to the hatching baskets. Leave the temperature setting at 37.6^0 C. Increase the humidity setting to 65%RH. Open air vents just a **fraction** more to further increase oxygen and decrease carbon dioxide, but you must maintain humidity and temperature settings.

Days 29 – 30

Increase the humidity setting to 70% RH. If your incubator will allow it you can increase this to as much as 75%RH.

Keep the temperature setting at 37.6^0 C. Air vents as open as possible but maintain humidity and temperature settings.

Do not open the door during the final 2 days, wait until all goslings have hatched, even if it takes longer than the 30 days.