**Embryology Instructions
with Turner Use on the Weekends**

**Incubating Eggs**

* Maintain the temperature around 100ºF. Steady temperature is important. Do not constantly adjust the temperature.
	+ If the incubator is not keeping a steady temperature, call the Extension Office.
	+ When eggs are first placed in the incubator, they take several hours to heat up. Do not immediately adjust the temperature in the incubator.
* Refill pans or troughs with warm water.
	+ Always keep water in the trough. Humidity is very important for a successful hatch.
* Turn the eggs three times a day.
	+ The third day is very important.
	+ Work quickly when turning the eggs.
* Day 18
	+ Turn and rotate the eggs.
	+ Fill troughs with warm water.
	+ Close the incubator and do not open it again until the chicks hatch.

**Turner for weekends**

* Insert into incubator, placing eggs inside *skinny* side down.
* It will slowly rock back and forth. You won’t notice it if you watch it, but if you leave it for an hour, you should notice that the eggs have moved some.
* To place eggs back on the wire rack on Monday morning, gently lift the turner from the incubator with the eggs still in it, set the turner down, and move the eggs to the rack.

**Hatching Chicks**

* Chicks will begin pipping around the twenty-first day of incubation.
* Be patient!
* It could take a chick anywhere from 1 hour to 24 hours to get out of the shell. (If any chick takes longer than 24 hours to hatch, call the Extension Office.)
* Leave the chicks in the incubator until they dry off.
* Don’t remove hatched chicks while other eggs are pipping.
	+ Chicks hatch with a two-day built-in food supply, so they can go for about three days without eating after they hatch.
* After the chicks are hatched:
	+ Remove the hatched chicks from the incubator and place them in a heated box.
	+ The heated box should contain a 40-watt light bulb placed 8–10 inches from the bottom of the box, away from the sides of the box.
	+ Optimum temperature for the chicks during their first week of life is 95ºF.

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