



February 25, 2009

Attention All Educators: 4-H Embryology Program

The Embryology Program has become a standard spring activity in schools and home school programs across Vermont. Because of the programs broad educational opportunities and positive educator feedback, the University of Vermont Extension is again offering this spring program. This program is well suited to meet many of the Vermont Educational Standards and is well suited to use cross curriculum.

Embryology studies the development process of the chicken embryo while still in the egg. Students can examine the formation of the bird, starting from a tiny heart beat to a feathered, fully developed chick. This hands-on activity is an exciting adventure, and has been used with grades K-12.

All new program participants will receive the 4HCCS Embryology curriculum booklet. We are offering for sale one type of incubator at a reduced price due to a grant we anticipate receiving. The incubator is an electronic thermostat circulated air incubator that is designed to hold a more uniform temperature by circulating the air through the incubator with a small fan and the temperature is preset for bird eggs. It has a large window the approximate size of the entire cover. The circulated air incubator regulates itself, but still must be in a room with a stable temperature (not for sheds or barns). It is pre-set for bird eggs at 99.5 degrees, (no more screw to adjust). **INCUBATOR ORDERS MUST BE RECEIVED IN ST. ALBANS BY March 27th** These incubators retail for over \$100.00. We have a limited supply available – first come, first served.

A workshop will be held on April 16th at 4:00 pm at the Burlington Extension office located at 655 Spear Street. First time participants are encouraged to attend the workshop. Please pre-register for the workshop. If not enough participants pre-register we will cancel the workshop and notify only those who pre-registered. **We will have a drawing for an automatic egg turner at the workshop. You must be present to win.**

Once again, we will offer participants the option of fertile eggs from meat chickens or from laying hens. The laying hen fertile eggs are White Leghorns and the meat birds are a Cornish cross. With both types of eggs, chicks will be a mix of males and females. Due to the expense of transporting the laying hen fertile eggs from Connecticut they are more expensive to order.

We are trying to contain costs so we will be giving participants the option when they register to receive updates and confirmation of order by e-mail.

If you have questions during the program please contact 4-H Educator, Martha Edwards Manning at 524-6501 ext 219 or at 1-800-639-2130 ext 219, or in an emergency (802-338-6676). We look forward to working with you on this educational experience.

Martha R. Edwards Manning
University of Vermont Extension, 4-H Educator

Over...

278 South Main Street, Suite 2, St. Albans, VT 05478-1866
(802) 524-6501 or 1-800-639-2130
Fax: (802) 524-6062
Cultivating Healthy Communities

UVM Extension has offices throughout Vermont.
For more information, contact this office or visit www.uvm.edu/extension.

Dates to Remember

Order deadline for incubators-	Friday, March 27 th (limited supply available)
Order deadline for eggs only	Friday, April 10 th
Workshop	Thursday, April 16 th @ 4:00pm 655 Spear Street, UVM Extension office Burlington, VT

Egg Pickup

Monday, April 27th

Brattleboro Extension Office 2-4pm

Tuesday, April 28th

Berlin Extension Office	2:00 - 4:15 pm
Middlebury Extension Office	1:30 – 4:15 pm **
Morrisville Extension Office	1:00 - 4:15 pm
Rutland Extension Office	1:00 – 4:15 pm **
St. Albans Extension Office	12:00 - 4:15 pm
South Burlington Extension Office	12:30 - 4:15 pm

**** Only if we receive a minimum of 10 dozen eggs ordered at this site.**

Egg Set

All eggs should be set on Wednesday, April 29th – remember this counts as Day Zero – Day 1 is twenty-four hours later.

Turning

Eggs must be turned on the first and second weekends (May 2/3 and May 9/10) to ensure proper development. An automatic turner is another option.

Chick Return-St. Albans and South Burlington UVM Extension office between 1:00-4:00pm on –Tuesday, May 26th. **May 26th is the only day that chick may be returned.**

If you have questions please feel free to call: Martha Edwards Manning
802-524-6501 ext 219 office
802-827-3913 home