



MINI-GRANT APPLICATION

Deadline – September 20, 2017

SPENCER COUNTY FARM BUREAU

PO Box 385

Taylorsville, KY 40071

Fax (502) 477-0555 Phone (502) 477-2275

Please mail or fax applications to Spencer County Farm Bureau Office
(Winning applications will become the property of Spencer County Farm Bureau once awarded)

Name Devona Hickerson Phone (502) 544-0348
Home Address 78 Inglenook Dr
City Taylorsville Zip Code 40071
School Taylorsville Elem Subject & Grade Level Math/Science
Address 420 Hightway Dr Phone ()
City Taylorsville Zip Code 40071 # Students 27
Core Subjects to be addressed Science

On a separate piece of paper include the following:

Summary of proposal and learning objectives: Be specific in linking agriculture to core subjects through the Mini-Grant. Explain how you will distinguish the activity from regular, ongoing instruction.

we are all working together to raise chicks to have a mini economy system and watch the life cycle of the chickens.

Budget: Please include a detailed breakdown of expenses for supplies, transportation, etc.

We will be working with the Danel Dunaway, the High School teacher and students to build an incubator / display case similar to the one at the State Fair. Please see

Each recipient will be responsible for giving a report to Spencer County Farm Bureau

upon the successful completion of their project.

4th plans (attached)

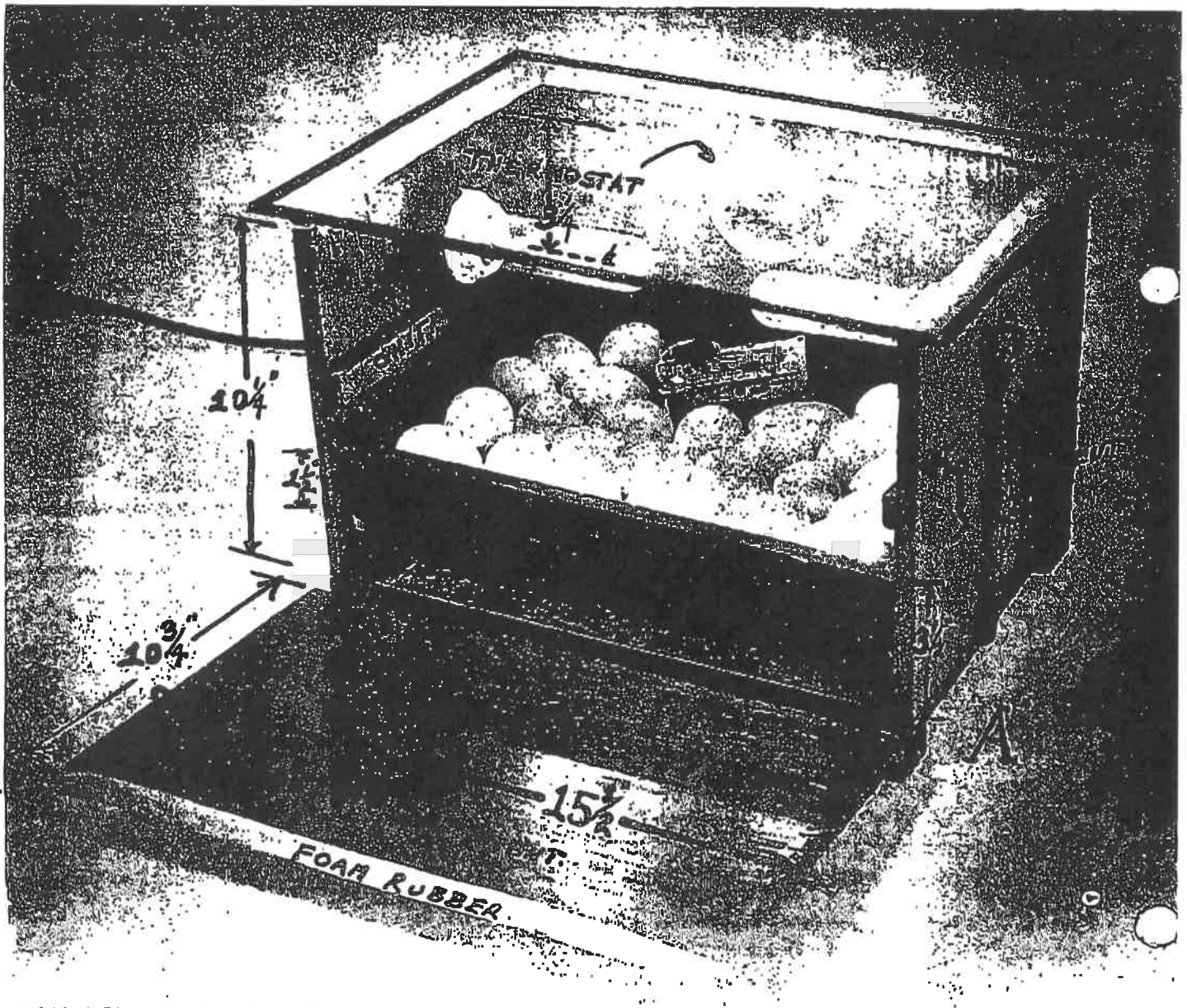
Building the Incubator

The illustrations show photo drawings of a simple still-air incubator. Credit for the basic design of this incubator goes to George D. Quigely, Poultry Department, University of Maryland. Constructing this incubator essentially consists of building a box and supplying it with provisions for controlled heat, an adequate moisture supply and a small amount of ventilation. Care should

be taken when constructing this incubator, thus assuring a tight box which will aid in proper temperature and moisture regulation.

After completing your incubator, check it using instructions in Unit 3, "Incubation of Chicken Eggs," to see if it will function properly. Particularly check the temperature and the humidity.

Front and right end of incubator.



Construction Details And Materials



Waterproof plywood ($\frac{1}{2}$ ")

(Due to the high temperature and humidity in the incubator, a high grade moisture-resistant plywood is recommended.)

- 1 bottom $10\frac{1}{2}$ " x $15\frac{1}{2}$ "
- 1 front $10\frac{3}{4}$ " x $15\frac{1}{2}$ "*
- 1 back $10\frac{1}{2}$ " x $15\frac{1}{2}$ "
- 2 ends $10\frac{1}{2}$ " x $10\frac{1}{2}$ "

Board ($\frac{3}{4}$ " x $1\frac{1}{2}$ ")

(Eight running feet for sides of egg tray. The bottom of the egg tray should be of $\frac{1}{4}$ " hardware cloth.)

- 2 sides for tray $1\frac{1}{2}$ " x $14\frac{1}{2}$ "
- 2 ends $1\frac{1}{2}$ " x $8\frac{3}{4}$ "
- 2 runners $\frac{1}{2}$ " x $10\frac{1}{2}$ "
- 2 cleats $\frac{1}{2}$ " x $10\frac{1}{2}$ "
- 2 base cleats $1\frac{1}{2}$ " x $15\frac{1}{2}$ "

Electrical heat control

(All contacts are to be covered for safety. The base receptacles are wired in parallel, not series, so each light will burn independently. The wafer thermostat is located above the egg tray in the back of the incubator.)

- 1 temperature regulator (includes wafer and thermostat with electric snap-action switch)
- 2 porcelain bulbs
- Receptacles with concealed terminals
- 2 40-watt long, narrow bulbs
- 10 feet of 2-wire replacement cord with plug

Glass

(Double pane glass is recommended to reduce heat loss and prevent fogging for better observation.)

- 1 double pane 12 " x 16 "
- 1 double pane $10\frac{3}{4}$ " x $15\frac{1}{2}$ "*

Thermometer (Stand-up type)

- 2 incubator type

Miscellaneous

- 2 butt hinges $1\frac{1}{2}$ " x 2 "
- 2 door hooks
- 1 cookie sheet 10 " x 14 "
- 1 wooden knob
- 54 inches of $\frac{1}{2}$ " x $\frac{1}{2}$ " foam rubber
- Nails, brads, glue, etc.

*Depending on whether wood or glass front is desired.

Albert W. Adams, Poultry Science

Marion F. Jackson, Extension Economist, Poultry Marketing and Production



COOPERATIVE EXTENSION SERVICE, MANHATTAN, KANSAS

4-H 138b

May 1974

Issued in furtherance of Cooperative Extension Work, acts of May 8 and June 30, 1914, as amended. Kansas State University County Extension Councils, and United States Department of Agriculture Cooperating. John O. Dunbar, Director. All educational programs and materials available without discrimination on the basis of race, color, national origin, sex, or handicap.

File Code: 4-H and Youth 2

5-74--1M; 8-76--1M; 8-79--2M

Companies Manufacturing Incubator Supplies

Brower Manufacturing Company
Quincy, Illinois

Incubator thermometers, wafers and electric snap-action switches, small incubators.

Lyon Rural Electric Company, Box 30
2075 Moore Street, San Diego 12,
California

Wafers and electric snap-action switches, midget incubator kit, incubator thermometers, small incubators.

National Agricultural Supply Company
Fort Atkinson, Wisconsin
Small incubators.

Sears and Roebuck and Company
Farm Equipment Catalogue

Incubator thermometers, wafers and electric snap-action switch, small incubators.

Montgomery Ward
Farm Equipment Catalogue
Same as Sears.



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Please mail or fax applications to Spencer County Farm Bureau Office
(Winning applications will become the property of Spencer County Farm Bureau once awarded)

Name Kasey Goodlett Phone 502 314-9861
 Home Address 290 Cochran Hill Ln
 City Taylorsville Zip Code 40071
 School TES Subject & Grade Level 2
 Address 420 Highview Dr. Phone 502 477-3339
 City Taylorsville Zip Code 40071 # Students 27
 Core Subjects to be addressed Science

On a separate piece of paper include the following:

Summary of proposal and learning objectives: Be specific in linking agriculture to core subjects through the Mini-Grant. Explain how you will distinguish the activity from regular, ongoing instruction. We are all working together to raise chickens to have a mini economy system and watch the life cycle of chickens.

Budget: Please include a detailed breakdown of expenses for supplies, transportation, etc.

Do it Best – Incubator w/ egg rotator \$139.99
Farm Innovators Egg Candler \$14.99
Baby chick starter home \$27.99
Fence Master 10 x 6 Kennel panel \$84.99

Each recipient will be responsible for giving a report to Spencer County Farm Bureau upon the successful completion of their project.

\$239.97



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Please mail or fax applications to Spencer County Farm Bureau Office
(Winning applications will become the property of Spencer County Farm Bureau once awarded)

Name Amber Waller Phone (502) 554-5742
 Home Address 101 Creekview drive
 City Taylorsville Zip Code 40071
 School Taylorsville Elem Subject & Grade Level All / 2nd
 Address 420 Highview Drive Phone (502) 477-3339
 City Taylorsville Zip Code 40071 # Students 27
 Core Subjects to be addressed _____

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- Chicken Coop w/ nesting boxes on skis
- for Roving Tractor/Gardening
- Double Yolker Coops \$250

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Please mail or fax applications to Spencer County Farm Bureau Office
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Name Donna Tipton Phone (502) 553-8193
 Home Address P.O. Box 461
 City Taylorsville Zip Code 40071
 School Taylorsville Elementary Subject & Grade Level 2nd/3rd
 Address 420 Highview Drive Phone (502) 477-3339
 City Taylorsville Zip Code 40071 # Students 26
 Core Subjects to be addressed _____

On a separate piece of paper Include the following:

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20 1st Fence Master 10X6 Kennel panel w/ door \$129.99
 Fence Master 10X6 Kennel Panel \$84.99

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\$214.98



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Name Nikki Tackett Phone (502) 827-3103
 Home Address 2789 Van Buren Rd
 City Mt. Eden Zip Code 40046
 School Taylorsville E Subject & Grade Level _____
 Address 420 Highview Dr Phone (502) 477-3339
 City Taylorsville Zip Code 4 # Students _____
 Core Subjects to be addressed _____

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