

Machine

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claim is based on the feeding of approximately 20 pounds of grass per cow per day.

The manufacturers say they do not propose to place any feedstuff in the ration—only to supplement diet of animals with enzymes, vitamins and other food elements not present in dry or preserved feeds.

The spokesman for the laboratory says the small test animals will be fed the green grass as a supplement.

According to Ivan Z. Martin, production manager and research engineer, the incubator will operate for about \$2.00 per ton of green feed. If the cost of the grain and plant food is added, the cost comes to about \$16.00 per ton of the grass.

When asked about the cost of the unit, Martin said the unit could be installed in a dairy barn for just over \$3,000 for the 24-cow size. He points out that this would compare favorably with the cost of constructing an upright silo with the capacity to handle as many cows.

But how can grass grow from seed to eight inches height in seven days? In the cabinet of the incubator is a three-quarter ton air conditioner as well as a heating element, both thermostatically controlled. Temperature in the box is held between 65 and 68 degrees at all times. Water saturated with plant food is sprayed over the seven tiers of trays at specified intervals and the humidity inside the incubator is at a high level at all times.

Twelve trays, twenty-four portions for a dairy cow, on one tier are filled each day with fresh grain. (Any cereal grain will serve the makers say, but they have found oats to be the most satisfactory.) Approximately 7 lbs. of grain goes into each tray and will produce up to 40 or 50 pounds of green feed in a week.

Lights in the sides of the incubator are not in operation during the first 4 days the grain is in the tray. After the grain has germinated and begins growth, lights are turned on and up to eight inches of green growth is made in three days.

The manufacturers of the machine say grass can be produced economically for broilers, breeding hens, turkeys, horses, dairy cows, and wild animals confined in zoos as well as small laboratory animals.

At present there seems to be very little experience on commercial farms to bear out or disprove the claims, but county farmers will be watching installations with much interest.

Accident

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in satisfactory condition. The accident occurred when Schaeffer was cultivating tobacco near the edge of a field on his farm about 4:30 p.m. The tractor rolled down an embankment onto a road running along the field and overturned.

Schaeffer said he tried to jump from the vehicle but became pinned as it overturned on the roadway. Martin Black, a worker on the farm, saw the accident but could not move the tractor.

A. Black was returning to the house to summon help, several neighbors came upon the accident and helped to move the tractor and free Schaeffer. The neighbors then took Schaeffer to the hospital.

PSU Schedules Bee Shortcourse

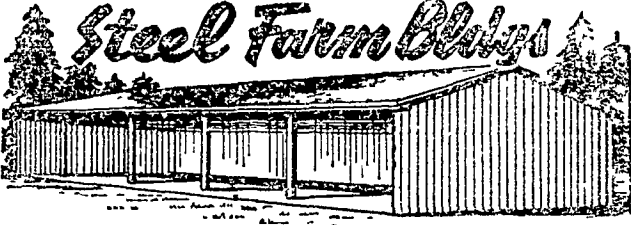
The production of honey is a fascinating subject. Man has studied this subject for hundreds of years and much has been learned about the way bees work together in producing this delicious nectar. Much of this information will be presented to individuals attending the 16th Annual Beekeeping Short Course of the Pennsylvania State University.

The course will be held August 21-25, 1961. Included in the instruction will be lectures and demonstrations on the following subjects:

- Spring management and swarm control for comb and extracted honey production,
- Methods of Wintering Bees,
- Introduction of Package Bee
- Control of Diseases and Ene

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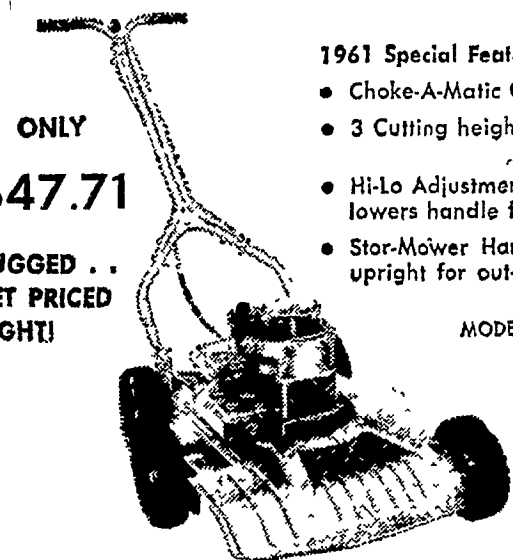
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