

Bee Colony Weakens As Old Queen Fails

A vigorous, new queen placed in the hive in September will produce many young bees to carry the colony through the winter in good condition, said S. L. Sams, extension bee specialist at State college.

A failing queen cannot keep the colony up to full strength, he continued, and a colony may be so weakened through the winter that it will not be able to gather and store profitable quantities of honey in the spring.

Directions for removing the old queens and introducing new queens into colonies are included with the new queens when purchased from reliable apiarists. Directions may also be obtained from the extension bee specialist, or county farm agents.

Sams added that colonies should enter the winter with at least 40 to 45 pounds of food stores. If the food supply is short, it can be built up by giving the bees a thin syrup made of sugar and water or molasses thinned with water.

Weak colonies with less than three or four Hoffman frames of bees and brood six weeks before the first killing frost should be united with another colony, as it won't be worth much, if anything, to the apiarist by itself.

Sams added that experiments are being tried with cloth covers to protect the hives in winter in the work of finding new uses for cotton. Beekeepers who are interested may write to Sams at State college. They are offered free of charge except that the cost of shipping may be asked of the person who is to use them.

Farmers Combine To Buy Equipment

More than 1,000 North Carolina farmers are taking advantage of the community services of the farm security administration to make loans from \$25 to \$2,000 to purchase farm equipment ranging from corn planters to harvester-thresher combines and tractors, according to Robert S. Curtis, state supervisor, community services.

"Under this plan farmers organize into groups of from three to 50 or more participants and appoint a master borrower," Mr. Curtis said. "The farm security administration then makes the loan to the farmer selected, who must be a man of outstanding character and good reputation in his community."

Small farmers are combining their efforts to purchase farm machinery ordinarily too expensive for a small farm. Corn planters and other inexpensive farm tools are frequently bought by three or more farmers. Fifty or 60 progressive farmers may unite to buy pure-bred jacks and stallions, seed-cleaning and treating machinery, or combines and tractors.

More than 50 such groups have made purchases since the first of the year. Many applications for cutting and discing plows, registered stallions, sorghum mills, mowing machines, rakes and other valuable farm equipment are pouring into the county supervisors. Mr. Curtis pointed out that loans are safe since all the master borrowers have been selected with care and they are good, dependable farmers.

NO MORE FREE SEED

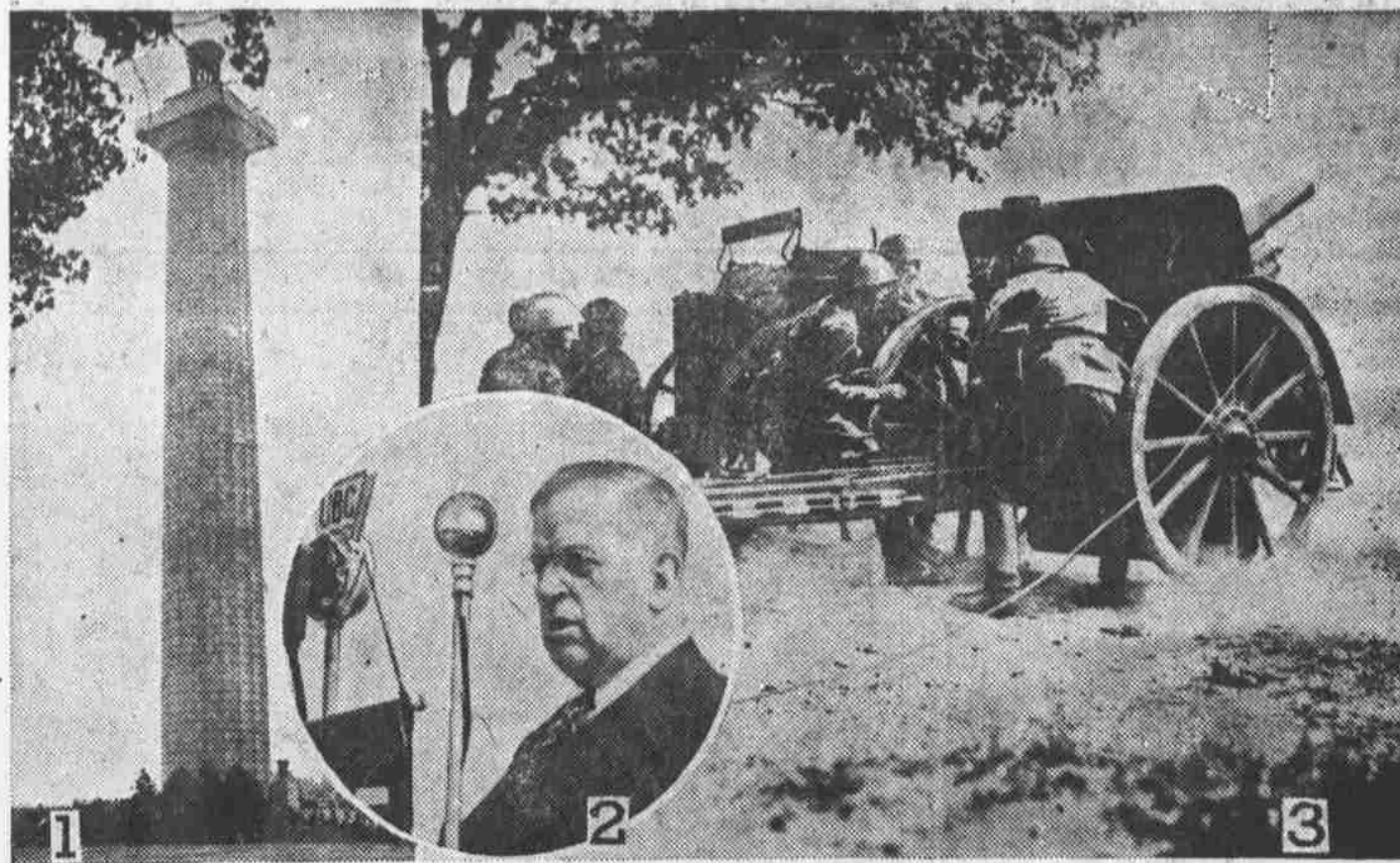
This year the U. S. department of agriculture celebrates its 15th year of attempting to convince American farmers that it does not have seeds to give away, says a recent department pamphlet. The practice was discontinued in 1923.

John R. Jones, Sylva, a unit demonstration farmer, has constructed a model sweet potato storage house from an old poultry brooder house.

The number of sheep on farms in North Carolina January 1, 1938, estimated at 62,000, was the smallest of any year on record except 1912, reports the N. C. department of agriculture.

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Peace and War Dramatized in Two Worlds



1—A view of the monument to Commodore Oliver Hazard Perry, who 125 years ago won the crucial battle of Lake Erie, recently dedicated at Put-in-Bay, Ohio. 2—Secretary of the Interior Ickes, who dedicated the memorial as a peace example to the frontiers of the world, citing 125 years of peace between the United States and Canada. 3—A Czechoslovakian gun crew blasts away at an imaginary enemy during recent maneuvers of the Czech army, which like other armies of Europe during the present crisis, is on a wartime footing.

War Clouds Over Sudeten Harvest Festival



Uniformed Sudeten Germans marched in the parade which featured the harvest festival celebrations at Oberlentsendorf, Czechoslovakia, a short time before Adolf Hitler's momentous Nuremberg address. Konrad Henlein, Sudeten leader, was scheduled to address the thousands who attended, but was forced to cancel his appearance after being summoned by Lord Runciman to a parley in an attempt to settle the crisis. Declared Herr Frank, substituting for Henlein: "We have carried on a struggle for 20 years and the final battle is in sight."

Aviation's New Leaders Call on President



Members of the newly appointed Civil Aeronautic authority are shown leaving the White House after calling to pay their respects to the Chief Executive. They are (left to right) Harlee Branch, Grant Mason, Edward J. Noble, chairman; Robert Hinckley, Clinton M. Hester and Oswald Ryan.

N. C. IN LEAD

North Carolina, with 5 per cent increase in farm income during the first seven months of 1938, was the only South Atlantic state to show a gain over the same period in 1937.

Because of the tremendous success which the Western Farm and Home Week enjoyed this year, farm agents are expected an increased attendance at Cullowhee next year.

Lespedeza and superphosphate makes an excellent combination for corn, says B. F. Byrd of Swain county, who finds his crop following these two is 100 per cent better than it was before he applied the phosphate and grew the lespedeza.

Stocks of storage butter in the country on September 1 reached a new high record of 201,543,000 pounds.

Keeping North Carolina farm land green this winter with legume crops is the aim of a vast State college extension service program.

The value of crimson clover in improving the water holding capacity of soil has been demonstrated by F. A. Barnhardt of Concord, route 3, for the past two years. Cotton planted after the clover has withstood the dry weather without losing its fruit or leaves.

State College Answers Timely Farm Questions

Q. How long should my beef cattle glean the fields before they are put in the feed lot?

A. Cattle may well be carried in the fields of corn stalks, soybean stalks, pasture or meadow for from one to three weeks, but should always be put in the lot before they stop making satisfactory gains. This is especially true where animals are bought in the fall for winter feeding. In this way they not only utilize feed that might otherwise be wasted but it also gives the cattle a chance to recover from the trip to the farm.

Q. Is it economical to feed grain to poultry several times a day during the winter months?

A. The practice of feeding a small amount of grain at different intervals throughout the day in the winter has met with success on many farms. One of the best aids to high production during the winter is to keep the birds active and this method of feeding increases the activity, overcomes idleness, and indirectly increases feed consumption. The amount of feed is just as important as the kind of feed given. It is therefore necessary that the bird have a full crop before she goes to roost as well as at different intervals during the day. Under no circumstances should the heavy feeding at night be neglected.

Q. How late can I wait before harvesting sweet potatoes?

A. Sweet potatoes should be harvested before the vines are killed by frost and always before the first of November. If the vines are killed by an early frost they should be cut from the stems immediately and the sweets harvested as soon as possible. In harvesting, care should be taken so as not to bruise the tubers as this will make them subject to rot in storage and also lowers the market value. Grading for size and quality should be done in the field at harvest time.

Loyal Order of Moose

Franklin Lodge, No. 452 Meets In Americal Legion Hall Every Friday Night 8:00 O'Clock Billy Bryson, Secretary

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