

COUNTY AND FARM PAGE

COUNTY AGENT W. D. SMITH'S column

Requirements for Certification of Irish Potatoes.

Irish potatoes to be certified must be grown from certified seed.

Inspection—Two inspections will be made to determine if the crop is free of varietal mixtures and diseases. The first of these will be while the potatoes are in bloom (or a near this time as practical) and the second at harvest.

Bloom Inspection—Growers should tag their fields carefully for disease and off-type plants before this inspection.

(1) Fields must show less than one-half of one per cent varietal mixture.

(2) More than 1 per cent weed plants disqualifies a field for certification.

(3) At the first inspection a field will be disqualified which shows more than the following amounts of diseases:

- (a) More than 1 per cent of any one or more than 2 per cent of all combined of the following diseases:
 1. Mosaic disease.
 2. Giant Hill.
 3. Black Leg.
 4. Fusarium Wilt.

(b) More than 5 per cent of Rhizoctonia.

Last Inspection—At the last inspection a sufficient number of hills shall be dug in such a manner as to secure a representative sample.

(1) The tubers must conform to the accepted type for the variety in shape, color, size and characteristics. (Allowances will be made for minor variations due to local conditions of soil and climate.)

(2) Certified seed must be graded to conform to U. S. No. 1 potatoes.

(3) The following percentages of

tuber diseases will disqualify seed stock for certification.

(a) Presence of black wart.

(b) Presence of powdery scab.

(c) Ten per cent of common scab moderate infection.

(d) Ten per cent of Rhizoctonia moderate infection.

(e) Over 5 per cent late blight disqualifies potatoes for certification and over 10 per cent disqualifies potatoes for approval as good seed.

(f) One per cent of characteristic growing discolored of Fusarium wilt.

(g) All sun rot and cuts must be removed.

(h) A total of more than 10 per cent of all tuber diseases shall disqualify for certification and 45 per cent shall disqualify for approval as good seed.

COST OF CERTIFICATION

The following fees are payable to the North Carolina Crop Improvement Association:

Membership—One dollar, payable with application for inspection.

Inspection—Three dollars for five acres or less, payable with application for inspection. An additional fee of 50 per acre is charged for each acre above five.

Tags—Three cents each for certified tags, payable when tags are ordered the following winter.

Those who wish to have their potatoes inspected should send their fee to me at once or send the fee to G. K. Middleton, State College Station, Raleigh, N. C. All applications for inspection are supposed to be made by May 15. Let me have your application at once. W. D. Smith, County Agent.

CLYDE NEWS

Mr. and Mrs. Ray Byers of Canton, were visiting in Clyde one day last week.

Mrs. Grady Rogers and son, Bobbie, spent Thursday in Canton visiting friends.

Mr. and Mrs. John Stamey were in Asheville Saturday.

Mrs. Jack West and son, Dick, are spending some time in Tennessee visiting relatives.

Mrs. Mattie Leatherwood spent Saturday in Asheville.

Mr. and Mrs. Gerald Fish and two children, Mary Jane and Geraldine, visited friends in Waynesville Sunday afternoon.

Misses Lois McCracken, Katherine Collins, Lois Haynes, Margaret Leatherwood, Dorris McCracken, Mrs. Geneva Grahl, Mr. and Mrs. Wayne Rogers, Sidney Haynes, Roland Leatherwood, and Hugh Rogers, enjoyed a camping trip at Cataloochee Saturday night.

Mr. and Mrs. T. A. Cathey and two children, Frank and Lucille, were visitors at Bethel Sunday afternoon.

Miss Dorothy Walker, spent Sunday in Sylva with friends.

Miss Marjorie, Henson, of Sylva, week-end at Cullowhee with her sister, Miss Bonnie Francis.

Miss Marjorie Henson, of Sylva, is spending the week here with her aunt, Mrs. J. P. Hawkins.

Mrs. R. P. McCracken visited in Waynesville Monday.

Mrs. W. W. Goforth of Asheville, spent Sunday here with her parents, Mr. and Mrs. J. E. Rush. She was accompanied home by her sisters, Misses Estelle and Juanita Rush, who will spend several days visiting in Asheville.

Mrs. Pearl Warren returned to her home at Thickety Sunday after spending two weeks here with her brother, Mr. W. G. Ford and family.

Mrs. John Smathers spent the week-end in Asheville with her daughter, Mrs. R. M. Wise.

Mr. and Mrs. Bruce Sellers and Mr. and Mrs. Lloyd Sellers spent Sunday in South Carolina visiting.

Mrs. H. M. Reames and children returned to their home at Henderson, Tenn. Saturday after spending two months here with her parents, Mr. and Mrs. Grover Haynes. She was accompanied home by her sister, Miss Vivian Haynes, who will spend some time here. Her husband, Mr. H. M. Reames, motored up for them.

Mr. and Mrs. Coleman Francis, Mr. and Mrs. T. C. Haynes and daughter, Miss Lois, visited at Cullowhee Sunday afternoon.

Mr. Carey McCracken of Lake Junaluska, visited his parents, Rev. and Mrs. R. P. McCracken, here Sunday.

The Epworth League of Clyde M. E. church will meet next Saturday night at the home of Mr. Henline for a cabinet meeting; all members are asked to attend.

Mr. and Mrs. Bruce Sellers and son, Horace, spent Friday night in Asheville with friends.

Mrs. E. Ganshaw and Miss Tuttle, of Waynesville, spent Thursday afternoon here with Mrs. J. M. Anderson.

Mrs. Harry Morean, of New Orleans, arrived here Sunday for a visit with her parents, Mr. and Mrs. George Rogers.

Paul Francis, Jr. spent the week-end with his grandmother, Mrs. W. Francis.

Timely Questions And Answers On Farm Problems

Question: In planting soybeans for hay how much seed should be used to the acre?

Answer: This, of course, depends upon the variety and the method of seeding. For hay production the approved method is to plant in 20-inch rows with a six-inch drill. For the large-seeded varieties it will take, from four to six bushels of seed to the acre if drilled in 20-inch rows. With the small-seeded varieties such as Laredo or O-Ten about one and one-half bushels of seed will be sufficient. For seed raising the seed should be cultivated and not less than twice during the growing season to keep down weeds and grass.

Question: How much grain should be fed to a flock of poultry?

Answer: The amount of grain to feed the flock will be governed by the amount of feed in the flock but usually about 100 pounds of grain will maintain a flock of 100 birds.

Question: Does the limitation upon live-back in the tobacco contract mean the amount of milk and butter sold or just the number of producing animals?

Answer: This limitation in the contract is interpreted by the Washington office as applying to the number of cows producing milk or milk products for sale and not to the amount of milk products that were sold. It does not apply to the number of calves or other dairy animals that are not milked. No limitation therefore is put on the amount produced for sale but it is placed on the number of cows from which milk or milk products were sold in 1932 or 1933.

Question: Boy—Dad says I ought to be reading something deep now and then. Obey—What are you going to read? Boy—Guess I'll pick up "Twenty Thousand Leagues Under the Sea."

Question: Son—Father, I think we ought to go buy an auto. before they go up. You can buy one for a song now. The Old Man—Yes, and I know the song—it'll be "Over the Hills to the Poor House."

Question: Student—I spent eight hours on my algebra last night. Professor—You did? How so? Student—I put it under my mattress and slept on it.

Question: Ignatz—Oh, hello Penny. I wonder where all the pretty girls are to-day, hey? Ditto—Oh, away somewhere with all the handsome men, I suppose.

Question: Young son: Papa, what do you call a man who runs an automobile? Papa: It depends on how near he comes to hitting me.

Question: Do you ever peep through the key hole when I am sitting in there, with your sister? Sometimes—when mother ain't there.

Question: "Have you ever been married?" asked the judge. "Yes," stammered the prisoner. "To whom?" "A woman, sir," answered the prisoner.

Question: "Of course, it was a woman," snapped the judge. "You ever hear of any one marrying a man?" "My sister did," said the prisoner brightly.

Question: A young woman entered a stationery shop the other day and asked for a pound of floor wax. "I'm sorry miss," replied the assistant. "We sell only sealing wax."

Question: Rooster—What are you grouching about now, mother? Old Hen—Why, first our folks went and bought an incubator to take my job, and now I see they've brought home some egg plant seed. There ought to be a law about it.

Question: A Friend—Has your wife finished housecleaning yet? Husband—Guess not. I had to hunt all over the cellar for a clean shirt and I found the furnace shovel in the parlor.

Relieves Headache Due To Constipation

"Thedford's Black-Draught has been used in my family for years," writes Mrs. J. A. Hightower, of Carthage, Texas. "I take it for sick headache that comes from constipation. When I feel a headache coming on, I take a dose of Black-Draught. It acts and my head gets easy. Before I knew of Black-Draught, I would suffer two or three days—but not any more since I have used Black-Draught."

Thedford's BLACK-DRAUGHT
Purely Vegetable Laxative
"CHILDREN LIKE THE SYRUP"

Growers Profit By Hog Production

The payments offered for hogs by the government under the hog contract are the most liberal since the AAA program was started. W. W. Shays, county agent at State College, says.

A grower can make more profit from the 25 per cent of the hog price than he can from the 25 per cent of the hog price.

On each hog, the grower will receive 25 per cent of the hog price. The grower will also receive 25 per cent of the hog price.

But if a grower has a good hog, he will get more than 25 per cent of the hog price. The cost of producing that hog is much less than the cost of producing a poor hog.

Many farmers have a habit of selling their hogs on the spot. Shays pointed out.

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Good Gardens Need Proper Preparation

The use of good seed or plants on properly prepared and fertilized soils will do much towards combating the thousands of diseases that attack vegetable plants each year, says Dr. R. F. Pool, plant pathologist at State College.

Of the three thousand known diseases that affect truck and garden crops, Dr. Pool says, 21 on tomatoes, 21 on cabbage, 21 on sweet potatoes and 21 on lettuce and in addition to the many diseases that will produce good crops, there is a still greater list of quality.

Pool says that most soils in the State require twenty or more plant elements for good growth in plants. Twenty elements and any high grade fertilizer will supply these elements which applied to the same soil, and as all elements that will produce good crops, there is a still greater list of quality.

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Every Kind Of Plant Has An Insect Pest

Garden flowers and plants are no exception to the rule, but contrary to popular belief, they are easily controlled.

"Most folks who have flowers are apt to think that insects are necessary evils from which there is no relief," says C. H. Brannon, extension entomologist at State College, "but in the majority of cases, there is a very simple, simple and effective control."

There are only two kinds of insects that attack flowers and before any attempt is made to control the pest, the grower must first determine whether the pest chews or sucks the plant. All insect pests come in one of these classes, Brannon says.

The chewing kind, such as caterpillars, leaf eating beetles, grasshoppers and others can be controlled by a stomach poison applied to the plant. A satisfactory poison is made by mixing three tea-spoonfuls of a quart of lead arsenate with one quart of water and one gallon of water or five tea-spoonfuls of magnesium arsenate and one gallon of water.

This mixture is applied as a spray for each plant. Tenacious plants will stand a spray twice as strong. The poison, however, will not destroy the pests for the whole season and several applications will have to be made for best protection. To help this spray adhere to the plants a small piece of soap (about one-ounce) may be mixed with the spray.

Sucking insects such as plant lice or aphids, thrips and scale insects can be controlled only by the use of a contact insecticide. Brannon says that one ounce of arsenate of lead and four and one-half ounces of hydrated lime make a very satisfactory dust poison for these sucking insects. If used as a dust, it will give good results.

So-called "dust" is a solution made by mixing from one to one and one-half tea-spoonfuls of nicotine sulphate to one gallon of water will give good results.