

LOOSE SMUT OF OATS DISTRIBUTION.

The common oats smut or the loose smut of the oats (Ustilago avenae) is one of the most common fungus diseases that effects the oats plant.

ECONOMICAL IMPORTANCE.

The importance of this oats smut to the farmer from an economic standpoint is far greater than we are commonly led to believe.

This write-up deals practically with the conditions as they exist in Somerset county, but in order to show the importance of this disease the government reports show that the loss from the oats smut in the United States is 8 per cent of the entire crop, or in round numbers \$20,000,000.

Last year a study of the oat smut was made in the county. In 46 farms visited the percentage of smut run from nothing to 37 per cent. On 25 farms where the percentage was 17 per cent. On 11 farms where the formalin treatment was used less than one per cent was found infected.

LIFE HISTORY.

In order to compete with any insect or fungus disease it is necessary that we know the life history of the insect or the disease that is causing the loss. In the case of the oats, the boring spores are carried over under the seed covering, or as we know it, the chaff of the oats.

mature, the disease makes its appearance and the spores for the next germination are again carried to the succeeding crop; thus we see that if no control is practiced, the disease will continue from year to year and may be greatly injurious, or less so as the climate conditions are more or less favorable to its development.

HOW TO CONTROL THE OATS SMUT.

There are two common methods of controlling the oats smut; the hot water treatment and the formalin treatment. The hot water treatment is much more complicated as well as more expensive, than the formalin treatment. For this reason the formalin treatment only will be explained, which is as follows: Secure a solution of 40 per cent commercial formalin, take one pint of formalin to 40 gallons of water; take the grain to be treated and spread it out on a grain proof floor or a piece of canvas, and sprinkle the seed with the diluted solution until all of the seed has been dampened; turn the same by shoveling and sprinkle again, continuing until all the seed is soaked.

As a precaution, oats that have been treated usually swell and thus will not run through the drill as fast as other oats. From a peck to a half bushel more seed per acre is usually required.

Practically all of the druggists of the county have been interviewed with regard to the price and supply of formalin. The formalin will be put up in pint bottles and can be secured at thirty cents per pint.

Here is an opportunity for the Somerset county farmers to increase their crop return. There is one point that should always be born in mind, that, in a problem of this kind, for the control of such disease, is for the co-operation of every farmer. An effected field in a community may spread the disease to a number of others. Every farmer is asked to see that his neighbor will make an effort to control this disease on his farm, and in this way

CONDENSED REPORT OF CONDITION The Second National Bank OF MEYERSDALE, PA.

RESOURCES table with columns for item and amount. Includes Loans and Investments, U. S. Bonds and premium, Real Estate, Furn. and Fixtures, Cash and due from Banks, Total Resources.

LIABILITIES table with columns for item and amount. Includes Capital Stock paid in, Surplus Funds and Profits, Circulation, Deposits, Total Liabilities.

Growth rs shown in the following statements made to Comptroler of Currency. September 12, 1916 \$674 227 19 December 27, 1916 731 569 48 March 5, 1917 775 998 32 Net Gain in Six Months \$101 771 13, or 15 per cent.

NURSERY STOCK AT ONE-THIRD AGENTS PRICES

THOMAS E. SHEERIN, NURSERYMAN, 10 RIVER ST., DANVILLE, N. Y. always there. As the seed begins to can we hope to keep the disease under control.

Possible Substitute. "Nothing can ever take your place." "Nothing, dear?" "That is, perhaps, except adequate alimony." - Kansas City Journal.

A GREAT AUTHOR'S CREDO.

Robert Louis Stevenson's Story of His Writing Methods. I have a vivid recollection of a most interesting shop talk with Robert Louis Stevenson which occurred during a long walk to Fontainebleau.

BANISH CATTLE PESTS.

Method of Treatment to Eradicate Lice on Farm Animals. This is the time of year when lice begin their worst work. Live stock, especially calves and colts, suffer tortments and grow thin and rough looking when much of their grief is due to the unchecked ravages of lice.

Tiny Jethou Island.

Jethou Island is not only the smallest of the Channel Islands, but also the smallest inhabited island in Europe. In all its little length and breadth there is only one inhabited house.

Marketing Winter Tomatoes.

Special care must be given hot-house tomatoes produced during winter, says Professor A. E. Wilkinson. In January and February the market is at its best, but the highest price is only paid for special tomatoes.

No Eggs, Milk or Butter

The following recipe shows how an appetizing, wholesome cake can be made without expensive ingredients. In many other recipes the number of eggs may be reduced one-half or more by using an additional quantity of ROYAL Baking Powder, about a teaspoon, in place of each egg omitted.

EGGLESS, MILKLESS, BUTTERLESS CAKE 1 cup brown sugar 1/2 cups water 1 cup seeded raisins 1 ounce citron 1/2 cup shortening 1 teaspoon nutmeg 1 teaspoon cinnamon 1/2 teaspoon salt 2 cups flour 3 teaspoons Royal Baking Powder The old method (fruit cake) called for 2 eggs

ROYAL BAKING POWDER

Made from Cream of Tartar, derived from grapes, adds none but healthful qualities to the food. No Alum No Phosphate

At The SUMMER GARDEN

Week Commencing, March 12th.

AMUSEMENTS with Bessie Love, in "THE HEIRESS OF COFFEE DAN" The Triangle program for this coming Saturday, March 24th is another that can't help please you, Bessie Love is a little walt and she sings "ham and" at Coffee Dan's until a bunch of crooks discover she is an heiress.

PARAMOUNT PROGRAM with Margaret Clark, in "MICE AND MEN" The same little Margaret that the Summer Garden showed two weeks ago with the Paramount production "Molly Make Believe." See her Thursday, March 29th in "Mice and Men" another of her out of the ordinary pictures. Episode number 14 will be shown in connection with the above making a seven reel program, two big features in one program, no advance in price.

PARAMOUNT PROGRAM with Donald Brian in "THE SMUGGLERS" The program for Friday, March 30th will be an interesting one, and of a variety. A big basket-ball game with the local Broadway team, a Paramount feature and roller skating, watch for further announcements of this program.

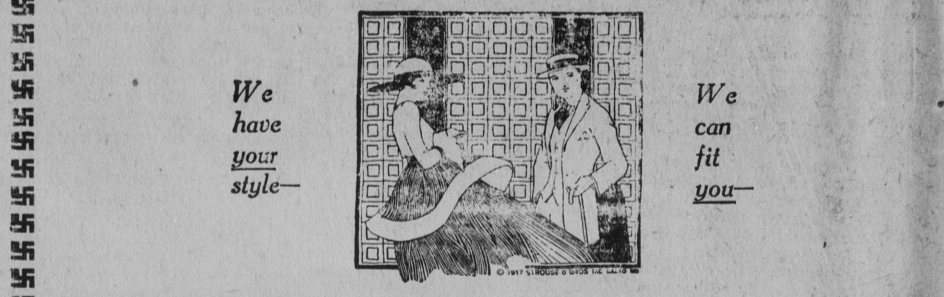
COMING ATTRACTIONS June Caprice, in "The Ragged Princess;" Wm. S. Hart, in "Truthful Tulliver;" Theda Bara, in "Romeo and Juliet;" Dustin Farnum, in "Davy Crockett;" Mary Pickford, in "Poor Little Peppina;" Bertha Kalish, in "Love and Hate."

Water a Cheap Hog Feed. The average farmer has a V shaped trough which he fills for his hogs twice a day. This is by no means sufficient. A hundred pound shote requires three gallons of water per day, and when watering in troughs some of the pigs, being more aggressive than others, get what they want and then lie in the trough, while the weaker ones must go without.

A Scandal Averted. Little Gertrude had been very naughty and had been severely slapped, first by the nurse and then by mother, with a promise of another dose from father when he came home. She sat on the floor, her eyes filled with angry tears. Suddenly she rose with a determined look upon her little face, and seized her hat. "Where are you going?" asked her mother. "Out to tell the family secrets to the neighbors," said the child firmly. "But she didn't go." - Pittsburgh Chronicle-Telegraph.

What She Asked For. Uncle Jack, who was visiting them from the west, wished to talk to Elizabeth's father at his office. He could not find the telephone directory and thus appealed to three-year-old Elizabeth for information regarding the phone number. "Elizabeth, what does mother ask for when she talks to daddy at his office?" Elizabeth was wise for her days. "Money," she lisped.

How About You?



guine your views and our views will coincide. Every type of build—every fancy must surely be met in this vast array of models and fabrics that we have so painstakingly arranged for the spring season. are of such high standard that the mere incident of your seeing them stands between their being our property or yours.

MILLER & COLLINS Department Store, Myersdale, Penna.