

OF INTEREST TO FARMERS

KEEPING MILKING MACHINE TUBES STERILE

Summer Weather Hard on Sterilizing Solutions Brine and Hypochlorite Recommended.

With the approach of warm weather, dairymen who use milking machines often find it difficult to keep the sterilizing solution for the test cups and tubes up to standard, say the dairy bacteriologists at the New York Agricultural Experiment Station at Geneva. A cheap and effective means for overcoming this obstacle will be found in a home-made preparation of salt and bleaching powder or chloride of lime which, with a little extra care in the summer, will give year-around satisfaction, declare the Station specialists.

Making Up the Solution
To make up this solution, the Station officials advise mixing the contents of a 12-ounce can of bleaching powder with 1 gallon of water in a small covered crock. At first just enough water should be added to make a paste and then the rest of the water added. The clear solution remaining after the mixture has been thoroughly stirred is the part to be used and is known as hypochlorite. One quart of this stock solution is then added to a strong brine made by placing 50 pounds of salt in a 20 gallon crock filled with clean water to within 6 or 8 inches of the top. This hypochlorite and salt mixture is then ready to receive the milking machine tubes and test cups between milkings. One pint of the hypochlorite should be added twice a week during the summer, it is said, and the original water level maintained by adding clean water and salt as needed. The entire solution should be renewed at once if dirt gets in; otherwise it may be used as long as it remains clean.

The Station specialists warn against worthless solutions offered for sale by druggists and others who claim that they are just as good as hypochlorite solutions. These sub-

NO SUCH THING AS "HE OATS" DECLARE PLANT BREEDERS

"Important if true" is the way the plant breeders at the College of Agriculture characterize the statement made by some salesmen of seed oats that the small, or second, kernel in the oat spikelet is the male oat, and therefore highly desirable for planting. These salesmen accordingly urge, the college learns, that these smaller "he oats" are necessary for the proper fertilization of the plants borne by the larger, or female, kernels.

"The absurdity of this statement is evident," say the college plant breeders, "when one realizes that the oat is self-fertilized. Crossing between plants almost never occurs in the oat, since the flowers are self-pollinated before the chaff opens. Every kernel, whether large or small, on the same plant has exactly the same hereditary constitution."

The difference in size of the kernels, it is declared, is wholly the result of their position on the spikelet.

BE SURE TO KILL WEEDS

The main object attained by cultivation of such crops as corn, potatoes, cabbage, and beans is to kill weeds. "Our economic crops cannot compete with weeds, so they must be killed if crops are to succeed," say Cornell agronomists.

The family need not be denied coffee the morning that the glass top of the percolator breaks. Adhesive tape will keep the pieces together till a new top can be bought.

stitutes may be actually harmful and may lead to prosecutions for adulteration of milk, it is said, so that the dairyman cannot afford to take a chance when he has recourse to a cheap and effective preparation which has already proved its value.

POULTRY SURVEY

Culling Demonstration by Robinson of Alfred Ag. in Various Places.

Leo Shaw of Alfred; Leland Gould of Canaseraga; A. L. Middaugh of Friendship; Charles Bellamy and B. C. Mapes of Wellsville, members of the County Poultry Committee, met with the directors at this session to take up particularly the County Poultry Program. The work which this committee is carrying on for the interests of the farmers of the county. This survey is also being taken in all other counties in the state in order to give the State College and State Poultry Committee definite information of the help needed by the poultrymen.

The committee has made arrangements to have poultry culling demonstrations in each community asking for the work, the meetings to be held between July 15th and August 15th. The Alfred Agricultural School is cooperating in this work by giving the services of Mr. Robinson who has been connected with the Poultry Department for the past several years. Mr. Robinson will also assist with culling for individual farmers wherever this is applied for through the Poultry Committee. Applications should be in the hands of the committeemen by the 15th of July. The committee has also arranged for assistance from the State College in connection with poultry farms on the 10th and 11th of July. Poultry Farms will be visited in the following communities: West Clarksville, Friendship, Belmont, Angelica and Belfast on the 10th; Alfred, Almond, Bishopville, Arkport and Canaseraga on the 11th.

Every kind of a knot you ever heard of and then some is the scope of bulletin E 62 which the state college at Ithaca has just issued. It tells about hitches and splices, too, with lots of pictures. Write for a copy if you'd like one.

If rhubarb is baked in a covered dish, the flavor is preserved which is lost in open-kettle cooking. Honey used in place of sugar gives a delicious dish.

THE WEATHER

Following are the weather observations taken by the Andover Co-operative Station for the week beginning Thursday, June 28, 1923.

Temperature

	High	Low	Range	Summit
Thursday	68	53	15	53
Friday	69	59	10	60
Saturday	70	38	32	66
Sunday	74	43	31	74
Monday	75	52	23	70
Tuesday	74	57	17	71
Wednesday	77	55	22	68

Warmest 77, Wednesday; coldest, 38, Saturday; greatest range 33, Sunday.

Precipitation

Thursday	.22
Friday	.27
Saturday	none
Sunday	none
Monday	none
Tuesday	.38
Wednesday	1.45

2.32 inches

Barometer Readings

Thursday	29.58
Friday	29.97
Saturday	30.08
Sunday	30.25
Monday	30.25
Tuesday	30.08
Wednesday	30.09

Three clear days, three partly cloudy and one cloudy.

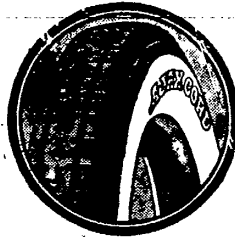
J. HARVEY BACKUS,
Local Observer.

TUBERCULAR TESTING

PROGRESS

Dr. Faulder, Federal veterinarian assisting Dr. Leonard in charge of the work in this state, was very pleased to note that nearly all the towns are at least 50 per cent. signed up that many of them are the required amount of 90 per cent.

Dr. Faulder stated that the Department expected to send about six additional veterinarians into the county sometime early in the fall. In addition to the completing of four towns, all of the retests and annual tests have been made at this time. New York is now in progress in the towns of Burns and Independence.

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PARKER'S GARAGE, ANDOVER, N. Y.

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We have sandals in blue, green and patent in fact any style. A new lot of barefoot sandals at a price that's a saving to you. Boys' white gum solid play shoes at 89c, all sizes. Men's fine welt Oxfords with rubber heels at \$3.90. Men's heavy tan army last shoes, \$1.79.

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\$25

FORMER PRICES AS HIGH
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Not clothing gathered together for a quick turn-over, but merchandise chosen for its high quality--the sort of Clothes you would gladly buy in season at regular prices.

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\$12.00 \$15.00 \$18.00

Here are the Clothes for Summer Comfort--Clothes that will make you forget the rising temperature--made right and the former prices of \$18, \$22 and \$25 were priced right--the sale prices offer great savings to you

Little need be said of the extraordinary merit of the values offered in this great event. The heavy selling of the past two months left us with many broken lines among our better assortments. These have combined with the best surplus of leading makers and all marked at these interesting sale prices.

AN EARLY SELECTION IS ADVISED

SUMMER FURNISHINGS REDUCED

UNDERWEAR--55c, 75c, \$1.13

Three groups of Athletic Underwear, formerly selling for 75c, \$1.00 and \$1.50. The \$1.50 garment now on sale at \$1.13 is the genuine B.V.D.

SHIRTS--85c, \$1.35, \$1.85

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