

If you have to fight Andover, fight her in the rear, so she will go forward.

Andover Chamber of Commerce

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Of Interest to Farmers

HELPS TO KNOW OF SOIL COMPOSITION

Systematic Study Being Made in Connection With State Survey - How College Assists

While the State College of Agriculture at Ithaca is not in a position to make complete chemical analysis of miscellaneous soil samples. The Andover News is informed the college is prepared to examine representative samples of farmed soils, and to offer definite suggestions as to the needed fertilization. The examination is sufficiently thorough to furnish reliable information on which to base recommendations for future treatment.

If any farmer has a doubt as to the efficiency of his present method of soil treatment he may take advantage of this service. Directions for taking such samples may be obtained from the local Farm Bureau office.

WHAT ANALYSIS DOES

When properly interpreted, a chemical soil analysis may furnish valuable information to be used in working out a definite system of soil treatment. Unfortunately, the results of such an analysis cannot tell the composition, nor the rate of application of a fertilizer which will be most profitable for a given soil any one year. Little can be gained thru analyzing miscellaneous samples submitted by farmers.

A systematic study of the soils of the state is being made in connection with the soil survey. Samples for analysis are being taken in a systematic manner. In this way, information is being accumulated relative to the chemical composition of New York agricultural soils.

MILK RESERVED AT SCHOOL SHOWS RESULTS

In order to determine the value of one-half pint of milk a day and two graham crackers to school children when served the National Dairy Council set about to conduct an experiment along this line at the Darwin School, Chicago.

The work has been completed and a very interesting 8-page booklet prepared which tells the whole story. The experiment revealed the fact that undernourished children gain materially in weight and in efficiency by taking this little luncheon.

The children were studied over a three months period, accurate weights and measurements being taken each month.

The total average gain of all the children for the three months amounted to 3.2 lbs., this being made more than double the ordinary expected gain.

Children of the age of those studied are expected to gain 1/2 lb. per month ordinarily. These children gained nearly 1.1 pounds on an average per child.

A most interesting incident presented itself in the case of Virginia, who weighed 89 lbs. when she began drinking milk at school. The first month showed her gain to be four pounds—very phenomenal. She declared this was not due to milk and therefore discontinued its use the second month, and when weighed showed no gain whatsoever, but on the contrary a loss of two pounds. This convinced Virginia that milk did have a very specific value and by returning to its use the 3rd month she made another gain amounting to four pounds in a single month. It is needless to say, Virginia is now a strong advocate of milk, having learned something of its value.

Many other individual cases are equally interesting. And similarly the children gained in efficiency in school work. The reports from the teachers show, in practically every case, that as the undernourished children gained in weight they increased in school efficiency.

At the recent National Educational annual convention at Des Moines, Iowa several hundred school teachers and principals were told this story and presented with a printed report of the work done at Darwin School. It was a revelation to many, for they, like the general public, had never thought of milk as being much of a food, and had never dreamed of it as having a definite place in the school program. National Dairy Council.

WHAT SILAGE COSTS

Cost account records on some New York farms indicate that it requires 37 man hours and 51 horse hours and 51 hours of machinery use, to grow an acre of corn silage and put it into the silo. By multiplying these by their cost on any farm and adding the rent of land, cost of fertilizer, binder twine, cost of filling machinery, use of silo, and any miscellaneous costs, one can obtain a fair estimate of the cost of his corn silage.

DECEMBER LIVESTOCK RATIONS SUGGESTED

The following are the December rations for dairy cows, with approximate wholesale costs, suggested by the animal husbandry workers at the State College of Agriculture at Ithaca, N. Y.

For dairy cows—300 pounds weight base, \$4.14; 200 pounds weight

low hominy, 276; 300 pounds gluten feed, \$5.52; 100 pounds cottonseed meal, \$2.38; 100 pounds oil meal, \$2.38; 100 pounds will cost \$17.18; 100 pounds will cost \$1.72; 2000 pounds will cost \$34.36.

A somewhat better mixture for dairy cows using distillers dried grains—200 pounds distillers dried grains, \$4.56; 200 pounds yellow hominy, \$2.76; 200 pounds wheat bran, \$2.76; 200 pounds gluten feed, \$3.68; 100 pounds cottonseed meal (43 per cent.), \$2.38; 100 pounds oil meal, \$2.38; 1000 pounds will cost \$23.52; 100 pounds will cost \$1.85; 2000 pounds will cost \$37.04.

For calves, young stock and dry cows—300 pounds wheat bran, \$4.14; 300 pounds yellow hominy, \$4.14; 300 pounds ground oats, \$4.98; 100 pounds oil meal, \$2.38; 1000 pounds will cost \$15.61; 100 pounds will cost \$1.56; 2000 pounds will cost \$31.22.

Homespun Yarn

All values in which men deal are made out of the spirit of the community. — L. C. Wilson.

Since Christmas comes but once a year, make the most of it in generous gifts of good will and good nature.

Receipts on file for bills paid save argument, and help preserve good feeling between storekeeper and housewife.

Aunt Ada's Axioms: "Never be impatient with children; even a tree has to gather strength for years before it blossoms."

The furnishings of the house should contribute either to the service or enjoyment of the occupants. Open spaces suggest restfulness.

There are cash accounts and cash accounts. Some mean more than others. The State College at Ithaca has a bulletin of suggestions. It is H. 126.

A new Jersey health enthusiast suggests that if you eat fruit at least once a day for thirty days in September, April, June and November and thirty-one in all the other months you can safely reduce this number a couple or three days in February.

Try baked beans moistened with onions or tomato juice for sandwiches for the school lunch box.

Xmas Coat and Suit Sale Opened Tuesday Morning

We are going to close every Coat and Suit now, instead of January, so come now and buy your Coat or Suit at January Clearance Prices.

Table listing various suit and coat prices and closing times. Includes items like \$25.00 Suits, \$35.00 Suits, \$40.00 Suits, etc., with corresponding closing times and final prices.

CHILDREN'S COATS

Table listing children's coat prices and closing times. Includes items like \$5.00 Coats, \$7.50 Coats, \$10.00 Coats, etc., with corresponding closing times and final prices.

Buy now at same prices we ordinarily close out in our January Clearance Sale.

Watch for Our Large Christmas Displays

and advertisements to start Wednesday of this week. We are first whipping our store in shape for the greatest Xmas season in our history. Thousands of dollars worth of brand new Xmas goods are just being unpacked and every day this week will see hundreds of bright, new, Xmas Gift Merchandise appear on our Xmas tables. OUR XMAS TOYLAND will offer the greatest display of useful toys for the Girls and Boys we have ever shown. So visit this store every day.

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