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Wasn't in the Curriculum

A knowledge of pedagogy does not always beget a knowledge of the finer aspects of horticulture or agriculture. For instance, the teacher in one of the junior high schools of a northern Indiana city had occasion to visit with her father the little garden the parent had planted in the rear of the factory where he was superintendent. "Daddy, dear," she said in the tone characteristic of girls who have passed the teen age, "do the cabbages grow on top of the ground or underneath the ground?"

Watch Cuticura Improve Your Skin. On rising and retiring gently smear the face with Cuticura Ointment. Wash off Ointment in five minutes with Cuticura Soap and hot water. It is wonderful what Cuticura will do for poor complexion, dandruff, itching and red, rough hands.—Advertisement.

Save Work in Household

Because of the great number of women in Germany who are unused to housework and are compelled to care for homes since the war, there has been a marked increase in the use of labor-saving household articles.

If the world knew how to produce super men there wouldn't be any other kind.

Successful Jubilee

Total attendance at Calgary's big stampede and jubilee, which closed recently, reached more than 150,000. Visitors from all parts of the continent were in attendance, including many special writers and motion picture men to record the celebration of the fiftieth anniversary of the establishment of Fort Calgary by the mounted police. A historical pageant more than five miles long was the opening feature of the jubilee.

A Substantial Reward Thousands of people in America have been liberally rewarded for insisting on having USKIDEE Soles on their shoes. USKIDEE wears and wears and wears. It is made only by the United States Rubber Company, the world's largest manufacturer of rubber products. The money it saves on shoe bills is remarkable. Have your old shoes re-bottomed with USKIDEE. Buy new shoes with good-looking USKIDEE Soles. USKIDEE is comfortable, healthful, waterproof, good-looking. Protects against slipping. Look for the name USKIDEE on the sole.—Adv.

Passing It Along

"Yes, we have wonderful scenery." "Trouble is," said the tourist, "you can't export your scenery." "Oh, we export quite a lot of it on postcards."

Silence is better than unmeaning words—Pythagoras.

How Much Are Poor Roads Costing You?

5,000,000 of America's 18,000,000 motor vehicles are recognized as an economic necessity on the farm.

Is your car giving the full efficiency of which it is capable—and at the lowest cost per mile possible?

Not if you are jolting over bumps and ruts. Not if you get stuck in the mud.

In addition to the time you thus lose along the way, you also pay from one to four cents a mile more in gasoline, tire and repair bills than you would pay on permanently paved highways.

Think, too, how many so-called improved roads have gone to pieces within the past few years, thereby piling up huge maintenance and rebuilding costs.

Contrast all this with the record of Concrete Roads—the roads that have repair built out and maintenance built in. Firm, rigid and unyielding, free of bumps, ruts, holes, mud and dust, they are, in every way, the most economical roads.

Tell your highway officials you want more Concrete Roads. Such an investment will pay you big dividends year after year.

Let us give you all the facts about Concrete Roads, including the experience of other communities. Ask for our free booklet, R-3.

PORTLAND CEMENT ASSOCIATION
111 West Washington Street
CHICAGO
A National Organization
to Improve and Extend the Uses of Concrete
Offices in 30 Cities

Legume Hays Are of Much Benefit

Experiments Show Clover and Alfalfa Greatly Improve Soils.

With clover grown regularly in a three or four-year rotation, it will not be necessary to purchase nitrogen for grain and hay when, in addition, the crops are fed and the manure returned to the land. This statement is made by soils men at the New York State College of Agriculture at Ithaca in accord with the recent experiments on the effect of legume hay on crops following them.

Compared With Timothy. In these experiments, red clover and alfalfa are compared directly with timothy. In one group of six concrete frames to keep soil variations out of the final results, alfalfa is seeded in three and timothy in the others. Two frames, one of alfalfa and one of timothy, are plowed up after a full crop year, during which the hay is all harvested and removed.

In the same way, two plots, one each of timothy and alfalfa, are plowed up after two years; and the two third plots, one of each, are plowed up after three full crop years. During these periods all crops are harvested and taken off.

Growth and Yield. The difference in the growth and yield of the nonlegume measuring crop which then follows is the result of the condition and quality of nitrogen left, respectively, by the timothy and alfalfa. The grain after alfalfa shows a rich green color and makes a much larger total growth than that which comes after timothy, which indicates that the grain crop gets more nitrogen from the alfalfa soil than from the timothy soil. If the alfalfa has not left a great deal more total nitrogen, it has left it in a very readily available condition.

The effect of red clover on corn, oats, wheat and grass following it is very similar to that of alfalfa. In one instance oats made twice the total yield of grain and straw after clover as after timothy; wheat made ten bushels more grain after clover than after timothy, when all other conditions were identical. Alfalfa and the biennials, such as red, alsike, and sweet clover, have a decidedly beneficial effect; the animal legumes, such as peas, beans and vetch—winter annual—have much less effect.

Spraying on Whitewash With Ordinary Device

Here is a whitewash that is snow-white, that can be applied with an ordinary sprayer, that dries quickly, and that will not rub off on clothing. Slake two pecks of lime with boiling water, adding the water slowly and stirring constantly until a thin paste is formed. If water is added too rapidly or if the mixture is not well stirred, the paste will be lumpy. Then add one gallon of salt to the lime paste and stir thoroughly. Add water to bring the whitewash to the proper consistency for spraying, or for handling with a brush if it is to be applied in that way.

Just before using, add to each pail of whitewash a handful of portland cement and a teaspoonful of ultra marine blue. Adding these materials too early will cause the whitewash to appear streaked. The cement makes the whitewash adhere better, while the bluing counteracts the grayish color of the cement and gives the whiter appearance, much as bluing does in the laundry.

Best Time to Turn Hogs Into Cornfield in Fall

Corn in the milk only contains about 50 per cent as much food value in the kernels as when the ears are fully matured. It is obvious, therefore, that there is a tremendous waste if hogs are turned into the cornfield too soon. Of course if a man figures that his new corn is only going to be worth around 65 or 70 cents a bushel, and it is impossible to get old corn for less than \$1.20 a bushel, it may be worth while to turn the hogs in the new corn as soon as it passes out of the milk into the glaze stage. In the glaze stage when the kernels are beginning to harden but before there is much of a dent, the food value of the kernels is about three-fourths as great as when the ears are fully matured.

Year's Feed for a Hen

The following list is a complete year's ration for a heavy laying Leghorn hen: Twenty pounds wheat, twenty pounds corn, six pounds bran, six pounds buckwheat, six pounds cornmeal, six pounds oats, six pounds middlings, six pounds meatscrap, three and one-half pounds alfalfa, three pounds oyster shell, one and one-half pounds grit. A hen of the heavier breeds will require more than the Leghorn.

Keep Year-Old Hens

All hens of the heavier classes that are two years old and over might better be marketed. In even the light classes many of this age ought to go. Others that are laying but that are not worth keeping for another year, should be kept until the egg yield does not pay for the feed. The best of the one and two-year-olds of the lightest breeds might pay to keep, but only the year-olds should be kept, and even these will stand culling fairly close.

Fertilizer Program for Whole Rotation

Increases Fund of Plantfood and Improves Soil.

The soundness of a fertilizer program that considers not only the crop immediately fertilized, but all the crops in a rotation, is beginning to be recognized. The balance sheet which shows a profit from expenditure for fertilizer is not complete unless it considers the residual effect of fertilizer applications on other crops.

Here is a case in point—in a series of fertilizer tests by the Wisconsin experiment station in southern Wisconsin, \$3.50 worth of fertilizer produced an increase of 8.5 bushels of oats, as an average on 23 farms. If the tests had stopped with the oat yields, doubtless the returns would not have satisfied some of the fertilizer users. But the following year, clover which followed oats on nine of the farms, yielded 853 pounds more hay per acre where the oats had been fertilized. On 17 farms where alfalfa followed fertilized oats, an increase of 950 pounds of hay per acre was obtained in the first cutting. Yields on the second and third cuttings could not be obtained, but would unquestionably raise the 950 pounds increase materially.

In a good farming system, such results as the above are carried on to following crops. With the larger crops, more stock can be fed, and more manure produced to return more plantfood to the soil. The net effect of a sound fertilizer practice on general farms is to increase the revolving fund of plantfood, resulting in continued soil improvement.

Way of Burying Cabbage to Prevent Rapid Decay

In planning to bury cabbage to avoid decay first select a well-drained spot and dig a hole about four inches deep, varying in width and length to suit the amount stored. Allow the leaves and roots to remain on the cabbage and without bruising or breaking, place upside down on the ground. Wrap the outer loose leaves closely about each head. The next row is placed on top of the first, between the upturned roots, and this is continued until a pointed pile is made. Over this, soil is placed gradually, adding more as the weather becomes colder. Only solid heads of the late varieties should be stored. The flat varieties are not as good for storage as are the tighter ball-head kinds. Cabbage is not seriously injured by freezing provided it is allowed to thaw out slowly while still buried in the soil.

Bursting of Cabbage Is Very Easily Prevented

The bursting of growing cabbage may be prevented very easily by selecting the heads which show signs of bursting and starting the roots by pulling, or cutting off some of the roots with a hoe. The pulling process is preferable. Putting both hands under the head, pull until many of the roots are loosened and the plant is pushed over to one side. This treatment effectually stops the bursting, and not only that, but the cabbage continues to grow lustily, and one has the gratification of seeing the heads thus treated grow to greater size and weight, and all due to this starting the roots, which checks the growth enough to prevent bursting, but does not hinder further development.

Feed Dairy Cows Grain for Maximum Production

A good pasture makes a good ration for dairy cows but maximum production cannot be secured on grass alone. Some grain should be fed, the amount depending upon the breed of the cow and the amount of milk she is giving daily. A Jersey giving 20 pounds of milk a day should have 3 pounds of grain in addition to the pasture while one giving 40 pounds a day should have 10 pounds of grain. A Holstein giving 35 pounds of milk should have 3 pounds of grain, while one giving 50 pounds of milk should have 10 pounds of grain.

FARM NOTES

Early molters are poor producers and late molters are good producers.

Weeds absorb water. The moral: Kill the weeds and save the water for the corn.

Watch the garden for unwelcome insect visitors. A bug in time saves nine—and the garden sass.

If the poultry house does not supply protection and comfort, then it will not be a profitable investment.

Do you make a practice of greasing your wagon wheels regularly? A little grease will go a long way in prolonging the life of a wagon.

Flies—beetles, pests that injure corn, potatoes and garden plants, will quit when a spray of bordeaux mixture and arsenate of lead comes along.

The man who consistently follows a well-established live-stock system on his farm is more prosperous than the man who tries to be in when conditions look good and out when they look bad.

The Old Standby in a New Dress



The New Package

Send 4 Cents for booklet on catarrh to the Pe-Ru-Na Company, Columbus, Ohio

—the same dependable remedy that over a period of more than fifty years has been found so reliable in the treatment of catarrh and diseases of catarrhal nature.

The outside of the package only has been altered. To facilitate packing and reduce breakage in shipping, the paper wrapper which has identified the Pe-Ru-Na bottle for many years has been displaced by a substantial pasteboard carton.

Pe-Ru-Na cannot be made any better. Three generations of users testify that Pe-Ru-Na is the best remedy in the world for catarrh and diseases of catarrhal origin.

The remedy our fathers and grandfathers used with so much satisfaction is still the standby for the ill of everyday in thousands of American homes.

PE-RU-NA

The Original and Reliable Remedy for Catarrh

Sold Everywhere Tablets or Liquid

Dutch Cremationists Celebrate Anniversary

In Holland there has just been celebrated a curious jubilee—the fiftieth anniversary of the Dutch Society for Optional Cremation. Since this society was founded a radical change of view has taken place in orthodox Protestant circles in favor of cremation. In 1870 a petition was sent to King William III and the second chamber requesting a revision of the law regarding burials and the introduction of a special authorization of cremation. Every year the petition was renewed but no answer was ever made to it. Only in 1913 was the first Dutch crematory at Westerveld, near Haarlem, opened, though cremation was not yet recognized by law. When Doctor Vallant, the oldest member of the society died in April, 1914, at the age of ninety-six, it was decided to cremate his remains, thus making a test case. The state prosecuted the society but the supreme council of the Netherlands, after a long procedure, decided that cremation was not punishable. Since then the earthly remains of many Hollanders have been committed to the fires in the furnaces at Westerveld.

Much in West to Appeal to Tourist

The men and women whose lives revolve around New York or Boston or Philadelphia, with an occasional visit to London or Paris or Rome, are lamentably ignorant of the romantic past and the almost boundless future possibilities of their own country. Is the assertion made by Lawrence Abbott in the Outlook. The knowledge of human endeavor and achievement derived from books, no matter how loyal and discriminating a reader he may be, is not comparable to the incisive and effective education which is obtainable from personal contacts. No matter how vivid may be the pictures of the Pilgrim Fathers of New England inscribed on the printed pages of history, they are still merely pictures of the dead past. In the great Northwest one may touch shoulders and have converse with living Pilgrim Fathers.

Prehistoric Workshop

A complete prehistoric workshop containing 17 heaps of flint tools and weapons numbering altogether 4,000 pieces recently was discovered by British and American geologists at Frindsbury, Rochester, in the Valley of Medway, England, says Popular Science Monthly. The tools, according to reports of the find, include hand axes of large flint flakes, hammer stones of quartz, and large rounded pieces of flint.

The discovery was made in a queer saucer-shaped depression in a chalk cliff, and the relics are believed to date from mid-pleistocene times—the age supposed immediately to precede that of man.

First Graduate Nurse

Modern nursing's span is so short that America's first woman graduate nurse still lives. She is Linda Richards of Roxbury, Mass., now over eighty years old. According to Miss Anna C. Maxwell, one of her pupils and perhaps the dean of New York nurses, Linda Richards was a woman of thorough education, great strength of character and wonderful perseverance. She was tall, dark, stately and forceful. Her personality was impressive and she had a great vision of what nursing might be. It was she who set out to fix its standards in a foundation of intelligence, education and dignity. Her school of nurses was at the Boston City hospital.

Mrs. Carnegie Welcome

Merchants and people in general of Sutherlandshire, Scotland, are pleased that Mrs. Andrew Carnegie will continue her summer visits at Skibo castle, for her coming means the spending of a great deal of money in the district.

There's beggary in the love that can be reckoned.—Shakespeare.

Vaccination on Nose Had Its Good Points

The aged Japanese statesman had a little, saucer-shaped scar on the tip of his nose. "All we Japanese of the older generation have this scar," he said. "It's our vaccination mark."

"Yes, it's our vaccination mark. In the old days, when compulsory vaccination first came in, we vaccinated everybody on the tip of the nose. Why? Well, because it was a good place—no movement there, you see, to rub off the scab. Also because a vaccination mark on the nose top was easily identified by the medical officer—no need to take off half your clothing in order to prove that you'd been vaccinated."

"Yes, nose-tip vaccination had its good points, but before the hankerchief after vaccination it had to go, just as knee vaccination is going here in the Western world, before the one-piece bathing suit and the stocking rolled down to the top of the calf."

Loquacious

"She chatters a lot!" "Yes, she must have been vaccinated with a graphophone needle!"

ALL RUN DOWN, NOW HEALTHY

"Honestly, in all my 15 years of experience as a nurse I have never known of a medicine that compares with Tanlac." Is the glowing tribute of Nurse M. E. Chappelle.

"Time and again I have recommended Tanlac and always with surprising results. Some time ago my mother complained of being generally run down and on the verge of a nervous breakdown. She had no appetite, her stomach was disordered, digestion weakened and her bowels were most irregular. Tanlac came to her aid at once, brought on a vigorous appetite so that she began to eat with the greatest relish, and made the digestive organs function properly once more. In a short time she was well, happy and strong, and although over 80 years of age she is now vigorous enough to look after her household duties and to go on quite a little. This is why I praise Tanlac and consider it the best tonic and health builder ever discovered."

What Tanlac has done for others it can also do for you. Tanlac is for sale by all good druggists. Accept no substitute. Over 40 million bottles sold.

Take Tanlac Vegetable Pills for constipation. Made and recommended by the manufacturers of Tanlac.

TANLAC FOR YOUR HEALTH

Kremola

the wonderful face bleach makes the skin beautiful.

At all drug and dept. stores or by mail \$1.25. Booklet free. Dr. C. H. Berry Co., 2975 S. Michigan Ave., Chicago

WHY SUFFER ANOTHER DAY WITH INDIGESTION?

The big seller today for acute and chronic stomach misery is Dare's Mentha Pepsin and it is such a fine, pleasant and supremely good medicine that if the first bottle you buy doesn't help you—your druggist will return the purchase price.

One man writes: "I cannot understand why any person will continue to suffer from gastritis or indigestion when Dare's Mentha Pepsin is available."

And tens of thousands of people—many of whom almost died with stomach agony—think the same way. It's the right medicine for any person who suffers from bad digestion, gas, heaviness and that feeling of suffocation which is always dangerous. For gastritis, indigestion, dyspepsia or any stomach agony—acute or chronic, keep Dare's Mentha Pepsin in mind.

One Soap is all you need

Keep your complexion free of blemishes, your skin clean, soft, smooth and white, your hair silky and glowing, your entire body refreshed, by using
Glenn's Sulphur Soap
Contains 33 1/2% Pure Sulphur. At druggists.
Robland's Styptic Cotton, 25c