

FARM TOPICS

Have Good Seed Potatoes.
Good seed potatoes are necessary if a large crop is expected. Never attempt to economize on seed. Get the best, as any mistake made will last into the harvest. Use whole seed and give more room in the rows. While the sprouts from single eyes are breaking the ground the tops of whole potatoes will be large enough to plow. Many farmers have lost money by cutting the potatoes into small pieces in order to reduce the cost, but for every dollar saved, they have lost from five to ten in the crop.

Growing Corn.

Secretary Wilson said, after returning from his inspection of the corn crop last fall, that there were many fields injured by the heat withering the tassels so that they failed to fertilize the silk; but this was much less noticeable where there was an abundance of organic or vegetable matter from plowed under grass roots. Shallow cultivating frequently, so as to maintain a dust mulch of two or three inches on the surface, also seemed a benefit where it was practiced, as it prevented evaporation of moisture below, as also the organic matter helped to retain moisture in the soil. Much of the bottom land is too wet in the spring, causing the corn roots to spread out too near the surface, and also to dry up when the drought came. Such land should be underdrained that this surplus moisture may be carried away, the ground be ready to work earlier, and the roots to strike down deeper.

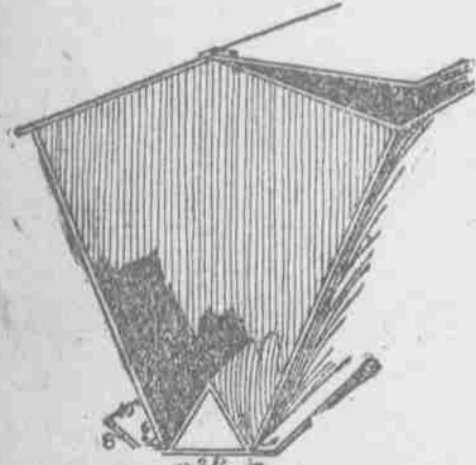
Dairy Feeds.

Among the more or less successful dairy feeds are certain by-products of starch and cereal food manufacturing plants. These are known as gluten feeds, oat feeds, etc. At the Massachusetts State station the nutritive effect of the gluten meal was found to be slightly higher than that of an equal weight of linseed meal. The Vermont station found that gluten meal has a considerably greater feeding value as corn germ feed.

At the Pennsylvania station results indicate that for milk and butter production dried brewers' grains and buckwheat middling are equally valuable when fed judiciously as part of a balanced ration. So far as could be observed, neither of these foods produced a detrimental effect upon the flavor or quality of the milk and butter. The Massachusetts station found brewers' grains an excellent substitute for wheat bran in a diet for milch cows.—Indiana Farmer.

A Self Feeder For Hogs.

But little need be said in describing the self feeder here illustrated. It is built of inch lumber and the sides are six feet high. The roof is made water-



OUTLINE OF FEEDER.

tight, and should have a coat or two of paint, especially in the joints. It should be set on locust, oak or stone sills for the sake of durability. The feeder can be made as long as wanted, and at each end of the trough a board should be nailed on to prevent the corn being pushed out on the ground.—American Agriculturist.

Stick to Cows and Clover.

There are no friends like the old friends, whether it be in the farm or in business, in the dairy or on the farm. But here my philosophy confines me to cows and clover. Cows have proved themselves good friends to many of us, and it is well to hold fast to such. Clover is in the same list, and if this friend gets shy sometimes, it is worth while coaxing a little. Clover is feminine. The best things are always of that persuasion, and in its line there is nothing better in the world than clover, therefore she is shy and coy, often, perhaps, that she may be coaxed and wooed and petted and cared for. I mean our common, everyday, red clover, the clover that was the salvation of our fathers' unwise methods of farming. There are miles written about alfalfa. I want some of it, and mean to have it, but so far have not succeeded in my coaxing. I am not talking down alfalfa or any other good thing. Our lives and lands are often enriched by new friends, but let us hold fast to the old. Let us keep faith with the cows and clover.—W. F. McSparran, in National Stockman and Farmer.

Rene is to be electrically lighted with power from the Marmore Falls, seventy miles distant.

HORTICULTURE

When to Trim Grapevines.

The trimming of grape vines should be done while the ground is cold. The portions cut away, as well as the refuse around each vine should be burned if there are evidences of rot last season. It will also be an advantage to scatter air-slaked lime around the base of each plant.

The Strawberry Crop.

The strawberry crop comes early, and the fruit is sometimes ready for picking in May. To prevent the vines from bearing too early, provided some of the fruit is desired later, mulch the vines heavily and keep the mulch between the rows until after the plants bloom. The plants in the rows should be covered, and the mulch raked off when spring opens.

Nourish the Soil of the Tree.

The tree that grows on rich land is sure to grow a crop if properly trimmed and protected against insect attacks, but a tree that has borne fruit for years on poor land must fall before its natural time for production ceases. Cultivation and fertilizers will give new life to such trees and render them profitable. Trees perform excellent service and require an abundance of nourishment to annually produce new wood and bear crops.

Reproducing Beets Without Seed.

It may not be known to some that the beet can be reproduced without using seed. This is done by "cuttings," which are made by taking the sprouts from the tops of the beets, which are transplanted. The beet has been halved and quartered in order to produce seed from selected specimens, but the "cuttings" are preferred, as the beets which produce the largest number of sprouts will yield the greatest amount of beets, which will also be the richest in sugar.

How Wind Affects Sprays.

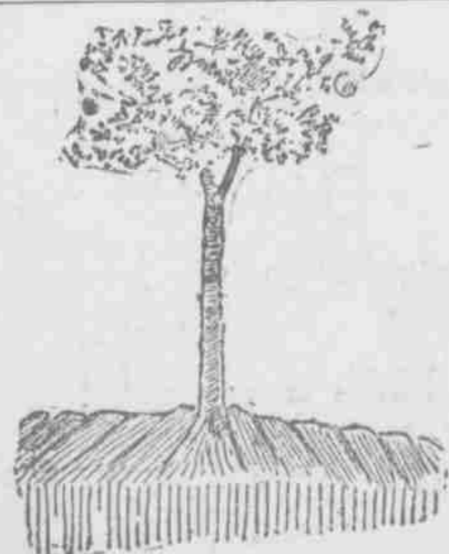
An ideal condition for spraying is when the wind is still. As there are few days when the wind does not blow, it is extremely difficult to obtain ideal conditions for the work. When the air is still the spray may be evenly put on the tree and little of the mixture will be wasted. When the wind is blowing it becomes necessary to spray the tree from several sides to get a uniform application. Some of our best sprayers find it advisable to spray from not less than six different positions. If the air is still the tree may be sprayed all over at one time. But when the wind is in motion one-half of the tree will have to be left until the wind changes.—Farmers' Review.

Fertilization of Flowers.

Insects are necessary to the fertilization of most flowers; and were it not for insects, especially honey bees, many of the crops we now have would be wanting. There are a good many flowers that produce pollen that has no means of getting from flower to flower except by the medium of insects. On the other hand, some plants throw off great quantities of pollen without the help of the insects. Professor James Fletcher relates that when in British Columbia some people came to him and asked him to explain a shower of sulphur that had apparently fallen during the preceding night. He assured them that there had been no shower of sulphur, but that what looked like sulphur was in reality the pollen of pine trees.

Plowing an Orchard.

The writer had a valuable object lesson this last summer. He saw part of an orchard plowed and cultivated at intervals of a month or so, while the rest was left in the sod. The difference between the two sections was an eye-opener. The trees in the



HOW TO PLOW AN ORCHARD.

plowed part were vigorous and thrifty beyond compare with the others in the sod. Try the experiment at least on one row of your own trees. Plow toward the trees, as shown in the cut. A second year's plowing may turn the earth back again. Harrow once a month during the season, and you will have a valuable object lesson, too.—New York Tribune.

A MOST WONDERFUL COUNTRY.

Said to be the Greatest Farming Land on Earth—A Beautiful Townsite is One Selected for Fitzgerald, Oklahoma.

Fitzgerald, O. T., Jan. 27, 1902.
Messrs. Perry & Dowden, Oklahoma City, O. T.

Gentlemen: We take pleasure in stating that we took stock in the lands and city lots opened up in the Old Fort Supply Reservation in Woodward County by the Fitzgerald Land Co., at Oklahoma City on Jan. 23, and were present and witnessed the drawing that took place at that time. We found the drawing was conducted absolutely on the square. After the drawing we visited the new town of Fitzgerald and also inspected the lands that were drawn. We found the town on the most beautiful rise of ground, overlooking the two rivers, with perfect drainage. The country tributary is well adapted to the various crops—wheat, oats, kafir corn, corn, broom-corn, castor beans, and the bottom lands and valleys will produce good Indian corn and the finest alfalfa. Wheat and fruit of every kind will grow to perfection. There is a wide range of country from which to draw support for the town. We found many people arranging to engage in business in Fitzgerald. We found that the purest and most abundant soft water that will prove of wonderful benefit to all and especially those who may suffer from kidney or bladder troubles. We feel confident that the town is destined to be one of the finest health resorts in the United States.

We found our lands all satisfactory, and also all the land that was put in the drawing. Taking everything into consideration, we found the situation even better than we had expected, and believe that those who have dealings with the Fitzgerald Land Company will receive fair and honest treatment throughout. There is not a man in our party who would take back his money for what he drew, in either lots or lands. Respectfully,

B. M. Davison, Marshall, Ill.
C. L. Burnside, Dolson, Ill.
Samuel Mooney, Clemens, Iowa.
Ernest Howell, Marshall, Ill.
D. G. Day, Marshall, Ill.
C. W. McConnell, Greensburg, Ind.
W. F. Jones, Eaton, Ohio.
J. E. Nay, Marshall, Ill.
J. E. McConnell, Forney, Texas.
Fred Nixon, Belvidere, Ill.
John Oberhaier, Belvidere, Ill.
N. N. Smith, Peoria, Ill.
Jno. Laabs, Oshkosh, Wis.
W. F. Cleveland, Oklahoma City.
Chas. Abendroth, Oklahoma City.
J. Kammlesser, Eason, O. T.
J. P. Gandy, Fort Supply, O. T.
D. J. Davidson, Marshall, Ill.
J. W. Yates, Beardstown, Ill.
—Oklahoma City Times-Journal.

Full information as to price of land, etc., may be obtained from W. T. Saunders, corner Pryor and Decatur streets, Atlanta, Ga.

HER VIEW OF IT.

She had read a good deal and prided herself on being pretty well up on the affairs of the day.

"All disputes," she said, "should be settled by arbitration."

"Quite right," he replied. "Now, we had a little dispute this morning as to certain household—"

"There is nothing to arbitrate in that," she interposed hastily. "I am right, of course." Then after a moment she added: "But it seems so foolish to have war and strikes when it's so easy to arbitrate."—Washington Star.

CONSISTENT.

"Which season do you prefer," asked the friend, "summer or winter?" "It all depends," answered Mr. Sirius Barker, as he unwound a muffler from his neck. "In summer I prefer winter and in winter I prefer summer."—Washington Star.

Deafness Cannot Be Cured

by local applications as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube is inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed Deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever. Nine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mucous surface.

We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Circulars sent free. P. J. CHENEY & Co., Toledo, O. Sold by Druggists, 75c.

Hall's Family Pills are the best.

Japan now possesses the heaviest and finest battleship afloat, the Mikasa, of 15,200 tons displacement.

Best For the Bowels.

No matter what ails you, headache to a cancer, you will never get well until your bowels are put right. CASCARETS help nature, cure you without a gripe or pain, produce easy natural movements, cost you just 10 cents to start getting your health back. CASCARETS Candy Cathartic, the genuine, put up in metal boxes, every tablet has C. C. C. stamped on it. Beware of imitations.

A girl of sixteen is apt to think her soul is yearning for something when what really is the matter with her is that she's hungry.

ATTRACTIONS.

Dorothy—"Was the intellectual evening at Mrs. Woppers a success, Barbara?"

Barbara—"Oh, it was delightful, Dorothy. We had a bride and groom, two rich old bachelors, a twenty-three-year-old college professor and a six weeks' widower."—Detroit Free Press.

PURMAN'S FADELESS DYE produces the fastest and brightest colors of any known dye stuff. Sold by all druggists.

In Algeria the native population has almost doubled in less than fifty years, rising from 2,307,000 in 1856 to 4,071,000.

FITS permanently cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. \$2 trial bottle and treatment free. Dr. R. H. KLINE, Ltd., 881 Arch St., Phila., Pa.

Out of twenty blind people eleven are men, nine women.

See advertisement of E.E.M. Catarrh Cure to another column—the best remedy made.

The skeleton measures one inch less than the height of the living man.

Piso's Cure is the best medicine we ever used for all affections of throat and lungs.—Wm. O. EXDREY, Vanburen, Ind., Feb. 10, 1900.

Conquer the conquerable and submit to the inevitable.

Women Who Work

in home, shop or factory can make their work much easier if they wear comfortable corsets. The

Straight Front Royal Worcester

Bon Ton Corsets

Combine Comfort, Ease and Elegance.

Ask your dealer to show them to you.

Royal Worcester Corset Co., Worcester, Mass.

Colds

"I had a terrible cold and could hardly breathe. I then tried Ayer's Cherry Pectoral, and it gave me immediate relief."
W. C. Layton, Sidell, Ill.

How will your cough be tonight? Worse, probably. For it's first a cold, then a cough, then bronchitis or pneumonia, and at last consumption. Coughs always tend downward. Stop this downward tendency by taking Ayer's Cherry Pectoral.

Three sizes: 25c., 50c., \$1. All druggists.

Consult your doctor. If he says take it, then do as he says. If he tells you not to take it, then don't take it. He knows. Leave it with him. We are willing. J. C. AYER CO., Lowell, Mass.



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More Potash

in the Cotton fertilizer improves the soil; increases yield—larger profits. Send for our book (free) explaining how to get these results.

GERMAN KALI WORKS,
93 Nassau St., New York.



\$3.00 W. L. DOUGLAS SHOES \$3.50

UNION MADE.

Notice increase of sales in table below:

1896—149,708 Pairs.

1899—308,182 Pairs.

1900—1,259,754 Pairs.

1901—1,566,720 Pairs.

Business More Than Doubled in Four Years.

W. L. Douglas makes and sells more men's \$3.00 and \$3.50 shoes than any other manufacturer in the world.

W. L. Douglas \$3.00 and \$3.50 shoes placed side by side with \$5.00 and \$6.00 shoes of other makes, are found to be just as good. They will outwear two pairs of ordinary \$3.00 and \$3.50 shoes.

Made of the best leathers, including Patent Corona Kid, Corona Goat, and National Kangaroo. Fast color, flexible and strong. Black, Brown, Tan, and White. \$4.00 "Gilt Edge Line" cannot be equalled at any price.

Shoes by mail 25c. extra. Catalog free.

W. L. Douglas, Brockton, Mass.

DID YOU EVER

Consider the insult offered the intelligence of thinking people when the claim is made that any one remedy will cure all diseases? No, well, think of it and send for our book telling all about Special Remedies for special diseases, conditions, and our Family Medicine Cases. A postal card will secure the book and a sample of Dr. Johnson's "After Dinner Pill." Agents wanted. The Home Remedy Co., Austell Building, Atlanta, Ga.

Self-Threading Sewing Machine Needle! Send 2c and we will send you sample package assorted needles. Give name of machine. Agents wanted. National Automatic Needle Co., 116 Nassau St., N. Y. City.

DROPSY NEW DISCOVERY

gives quick relief and cures worst cases. Box of testimonials and 10 days' treatment free. Dr. R. E. O'NEAL & Sons, Box 2, Atlanta, Ga.

SALZER'S SEEDS

Beardless Barley is probably the best seedling in 1901 for Mr. Wells, Orleans Co., New York, 110 bushels per acre. Does well everywhere. That pays.

20th Century Oats. The oat marvel, producing from 200 to 300 bush. per acre. Salzer's Oats are warranted to produce great yields. The U. S. Ag. Dept. calls them the very best! That pays.

Three Eared Corn. 200 to 300 bush. per acre; is extremely profitable at present prices of corn. Salzer's seeds produce everywhere.

Marvel Wheat yielded in 30 States last year over 40 bush. per acre. We also have the celebrated Macaroni Wheat, which yielded over 60 bush. per acre. That pays.

Speltz. Greatest cereal food on earth—50 bush. grain and 4 tons magnificent hay per acre. That pays.

Victoria Rape makes it possible to grow hops, alfalfa and cattle as a crop of but one lb. Marvelously profitable, does well everywhere. That pays.

Bromus Inermis. Most wonderful grass of the century. Produces tons of hay and seed and lots of excellent bedding per acre. Grows wherever soil is found. Salzer's seed is warranted. That pays.

\$10.00 for 10c. We wish you to try our great farm seeds, hence offer to send 10 farm seed samples, containing Thousand-Headed Kale, Turnip, Rape, Alfalfa, Speltz, etc. (value worth \$10.00 to get a start) together with our great catalog, for 10c. postage.

SALZER'S MAGIC CRUSHED SHELLS. Best on earth. Sell at \$1.35 per 200 lb. bag; \$2.75 for 500 lbs.; \$5.50 for 1,000 lbs.

John A. Salzer Seed Co., LA CROSSE, WIS.

Malsby & Company,

41 S. Forsyth St., Atlanta, Ga.

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Steam Water Heaters, Steam Pumps and Penberthy Injectors.



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Cures Catarrh, Asthma, Bronchitis and Colds.

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proper use will cure CATARRH or your

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Tobacco, carrying same medical properties

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