

The Furrow

News and Views About the Farm

Phosphates combined with nitro- gen are obtained from bones, crushed bones, bone meal, steamed bone flour, dissolved bones. They are best when ground down to a fine powder. They are slow in action, and not much of the phosphates and nitrogens is avail- able to plants. Bone meal contains 50 per cent. phosphates, 4 per cent. nitrogen in the form of ammonia. Steamed bones contain 60 per cent phosphates, 1-1.2 per cent nitrogen. Meat meal contains 10-25 per cent phosphates, 6-8 per cent nitrogen. Blood meal, 10-12 per cent nitrogen, 5 per cent phosphates. They may be used for turnips and swedes, and as a top dressing for pasture.

The sow should be fed to produce a high yield of milk, and the pigs should be kept with her until they get to eating a full feed of both grain and pasture. When the time comes to wean the pigs, cut down the sow's rations to water and a little grain. Take away the stronger pigs first, leaving the weaker to suckle for a few days longer. This method will give the weak pigs an extra chance and will dry up the sow without in- juring her.

No two cows can be milked alike, the individuality of the animal must always be studied. Thousands of good cows are ruined annually owing to in- different milking.

Save all of the barnyard manure to enrich the poor spots on the farm. More manure will mean larger crops and better profit.

The Bureau of Animal Industry re- ports that during the month of March there were 2128 accredited herds of cattle in the United States.

Our farm homes should look better on the outside and last longer than most of them do. The cost of a coat of paint is a very small item in com- parison to the benefit of the paint both as to the appearance and conserva-

tion. The lumber that we get these days does not last as long as it should and if we neglected to cover our build- ings with paint we are certain to re- gret it and pay dearly for the neglect. The term quality in a hog is con- sidered in the same sense as quality in a piece of cloth. If the cloth is coarse and made of poor material, the quality is poor. The appearance of the hog is that of smoothness and refinement rather than of coarseness and ungainliness, the quality is good. The hair should be fine, the skin smooth and fine in texture, the bone as indicated in the snout, head and legs should be smooth and not too large. The flesh, too, should be fine in grain and show considerable firm- ness with elasticity, which indicates a large portion of lean meat. The best hog for the farmer should show in well developed proportion, size, prolificacy and quality.

Much pains should be taken in pre- paring land for late crops. Too much pains are hardly possible. The young plants must have a good chance for moisture and plant food.

It often takes considerable work to make a seedbed where land has been neglected for any reason. But it generally pays to prepare the land in the best manner possible at the risk of the season.

A reputation for honest, high-grade products always lived up is a valuable asset to any farmer.

Pigs are more apt to be "rooters" in spring, when ground is soft, than they are at any other time of the year. Much of this can be prevented by feeding regularly with coal, char- coal, ashes or other mineral matter. Ringing the hogs should be resorted to in extreme cases.

It takes a lot of work to keep the weeds down, but a weedy field pays no dividends.

These mottoes are but a few of the many that are worth while to inscribe on modern dials. The right dial with the right inscription will beautify even the small city garden, be it in a nar- row back yard or on an apartment house roof.

A striking effect was achieved with a dial placed on a round stone—15 inches in diameter and two inches thick—on a wooden garden tea table before a small, portable house. The lady who owned it was allowed the privilege of setting her portable home, for a season, on the edge of a wonder- ful garden.

She fitted low boxes around the dial and planted them with four o'clocks. When she gave a tea she worded her invitations in this way: "When the four o'clocks open come to tea at the sun dial and fill the cup before life's liquor in its cup be dry."

We should never say we cannot afford a sun dial, my garden lovers who have learned what the big out- doors can do for us in the way of health and happiness. Rather we should say: "How fine a dial can I buy to teach me the value of passing hours."

Musical News From Abroad

Ten thousand choristers assembled from all the choral organizations of London, are to participate in the dedi- cation ceremonies of a cenotaph in memory of the British soldiers killed in the war, shortly to be unveiled in Whitehall. The work to be sung, "For the Fallen Soldiers," has been espe- cially composed for the occasion by Sir Edward Elgar.

The Paris Opera Comique has just had Ernest Moret's "Lorenzaccio." It does not appear to have made much of a hit. It is all recitative from end to end, without a single real tune.

Music is still a young and tender art, but it was in the year 2630 B. C. that a Chinese gentleman named Lyng-lun first demonstrated the di- vision of the octave into twelve semi- tones. At least Lyng-lun is the first we know of, although somebody may have done it centuries before him, leaving no record that has come down to us.

The King and Queen of Belgium will be present at the grand festival con- cert in the city of Verviers, which, on August 26th will celebrate the cen- tennial of Henri Vieuxtemps, the great violinist, who was born there on February 20, 1820. Eugene Ysaie will conduct, and the program will include works by four Belgian composers, Franck, Vieuxtemps, Vieuxtemps and Ysaie. Their majesties will also at- tend the competition of young violin- ists on the following days, for which the two principal prizes are offered by the queen.

The Pony Express

An interesting relic of other days turned up in Washington not so long ago in the shape of a letter of in- struction sent in the pony express days by a merchant of St. Louis to his agent in San Francisco. This let- ter had reference to the disposal of a lot of goods that were shipped by way of Cape Horn, and, although it contained several thousand words and a copy of an invoice, it was written on just two sheets of paper.

The paper itself is a sort of tough, opaque tissue, very thin and slight. When folded, the letter slips easily into an envelope three inches wide.

The reason why this communication was prepared in such a peculiar way lies in the stamp attached, one of the old "pony express" series, with a design of a man on horseback spur- ring at a gallop across the plains. We all know, of course, that the Pacific mail of that period was carried by relay riders, but few of the present generation have any idea of the great pains that were taken to reduce its weight to a minimum. The letters were stored in little, flat pouches under the flaps of the saddle, and they were usually written on specially pre- pared tissue. The one referred to must have occupied an expert clerk several days, for the penmanship is minute. It is, however, beautifully executed.

The stamp was of the denomination of 50 cents.—New York Evening Post

Worlds Best Jet Mined in England

Jet is a bituminous mineral and, it is said, the vegetable remains of cop- iferous trees or fossilized wood. The best jet comes from mines in Whitby, England. Spain and France have large jet mines. Queen Victoria is said to have been very fond of jet, and during the lat- ter part of her reign, it came into great favor as jewelry. It is capable of taking a high polish and is very easy to carve.

The genuine jet is so valuable that many imitations are on the market. The best imitations comes from Italy and are called "Italian jet." The real jet is very light while some of the imitations made from glass are heavy.

Better Marketing Better Prices

"The pinto bean growers of this State have earned \$82,000 in additional profits from their 1919 crop through their Co-operative Marketing Associa- tion initiated by specialists of the Bureau of Markets, United States De- partment of Agriculture," was the re- cent statement made by a New Mexico pinto bean grower.

Before the association was formed the beans were purchased by local buyers who practically controlled the market and therefore paid almost any price they choose. These buyers were rapidly destroying the possibilities that offered in the marketing of pinto beans through lack of care in grading and packing. Choice cleaned beans was a technical trade name that came to mean nothing, for the beans often contained splits and dirt, as a result of which the trade could not depend upon the quality of the product.

Now the farmers do their own mar- keting through the association. Six- teen warehouses, properly equipped with grading and packing machinery have been erected. The beans are carefully graded and then packed in new, even-weight 100-pound bags which are neatly sewed and branded. The association demands clean cars from the railroad, and in loading the sewed ends of the sacks face one way. The Association believes in the Bu- reau of Markets' proved theory that when a buyer throws open the car door he is instantly impressed if the contents present a clean, orderly ap- pearance. The New Mexico Associa- tion has 1500 members and marketed 250 carloads of beans last year. It is constantly calling on the bureau of Markets for assistance which is cheer- fully given.

To Preserve Rose Petals

A new way has been devised to pre- serve the rose petals which have fallen from the roses which have bloomed so abundantly this summer. Never have the flowers been so beau- tiful, nor have there been so many flowers to one bush, and the busy housewife has discovered another use which will not only preserve the odor for the year, but give comfort to the tired ones of the family on their re- turn from business, or to one who is not well. Indeed, it is particularly adapted to the invalid.

It is a dainty pillow of dried petals. To make this pillow first make one of a fine piece of nainsook, then a covering of some light-weight cloth, which can easily be laundered.

Pick the petals from the roses spread thinly on paper in a spare room and sprinkle with table salt. This will make the petals damp, which helps to toughen them, and also pre- serve their color. If one prefers, spice might be used, but this is not advis- able, as it darkens the leaves and isn't necessary. Change the leaves around once or twice a day, so each leaf will dry thoroughly.

When dry pack the leaves in a clean cloth until ready for use. While these petals are drying the room should be aired and the sun not allowed to reach the petals, but to enter the room. It will not injure the leaves if the sun should touch them, only fade them.

If light-weight material are used for the pillow the pretty shades will show through and the odor will be stronger than through heavier weight cloth. The leaves will retain their delicate scent for years if dried this way.

Would You Wait For Permission

What do you think of having to telephone for permission to run from a flock of bears—and then having your more or less palpitating proposal turned down?

That is what happened to J. W. Hodge, a fire guard on the Shenandoah National Forest, a short while ago.

Hodge was stationed at the lookout tower on Hankey Mountain. It was his job to scan the skyline and to make expert diagnosis of far away smoke smudging or any other indica- tion of fire in the forest. This partic- ular morning when he went to the lookout tower on the mountain top, he failed to attach his gun to his person. It was a mere formality, any- how—and guns are cumbersome things to carry around.

Well, he got into his lookout box and began searching the dim blue distances that look like the further fringes of the world. He was very busy at that for a while. Then his eyes came back closer home, and what he saw made him wish for an airplane to take him immediately to one of those far fringes. Three bears were browsing around only a little distance from his lookout tower. They were not, apparently, giving him any thought, but he did not know how soon they might become hungry. There being no airplane at hand, he decided to use his legs.

Then he remembered he could not leave his post without permission, so he called up District Ranger Shanklin, laid the case before him, and re- quested permission to go for his gun. He was promptly told that the thing

was impossible. The forests were dry and fire might start anywhere at any time. Bears or no bears, it was Hodge's business to stay in that look- out box. Being a perfectly good guard, he stayed. Fortunately another lookout happened to listen in on the telephone conversation and succeeded in sending help to Hodge.

Women As Life Savers

One man at least, chooses women life savers in preference to men for patrolling his beach. That is Mr. Gray, manager of the park pools in St. Louis, Mo. According to Col. W. E. Longfellow, life saving expert of the Red Cross, Mr. Gray declares that since trying women at this job dur- ing the war, when the bronzed heroes were abroad, he would rather have them than men. Many women are now qualifying as life savers and are getting the training for their tests in the Y. W. C. A. and school pools throughout the country. The tests which Y. W. C. A. instructors train girls to pass include removing waist, skirt and shoes while floating in the water; breaking the grip of a drown- ing person without the old striking- in-the-head method; towing a body to shore in three different ways and resuscitating by the newest method. A figure from one of the New York City Y. W. C. A. pools for the past two months shows the growing popu- larity of swimming among city girls. Five thousand four hundred individ- uals used the pool in 30 days recently.

Chocolate Milk Shake
A chocolate milk shake with a plate of wafers is a perfect lunch to serve to a porch party. The chocolate syrup can be made in quantity and bottled also. Boil together a pound of choco- late, the unsweetened kind, two cup- fuls of sugar and a pint of water for a couple of minutes. Cool, flavor with vanilla and bottle. Use three table- spoonfuls of the syrup for every cup- ful of milk. Stir well and serve with a spoonful of whipped cream on top of each glass.

Stock Market Outlook

Sagging of prices throughout the week list on the Stock Exchange last week has brought practically all issues to levels which are not justified by the asset value behind them. This is the opinion expressed by Winslow Taylor & Company members of the Consol- idated Stock Exchange of New York, in a market letter commenting upon conditions in the security market. The letter continues:

"One fact which must impress itself upon anyone who studies the value of all issues is much greater than it was last fall when they were selling for much higher prices.

"With the market virtually at the bottom many opportunities are offered the investor who is seeking high-grade dividend-paying securities. For the man that purchases now and is pre- pared to hold on for a short time there never has been so many chances to secure a good income with almost certain market profits in the very near future. This, of course, providing he has selected a security having real asset strength behind it.

All indications are that there will be bumper crops in the United States. Federal Reserve Board officially an- nounced recently that there is no shortage of money and that cash for moving crops in the early fall has already been provided. Labor is be- coming more productive. A complete readjustment to normal is going in an orderly manner. All of these are the underlying factors which point in the near future to a market which will shame the pessimists who are decri- ing the future prosperity of these United States and justify the man who buys now on asset value to hold from profits and not for a "quick turn."

Rails, rail equipment, oils and cop- pers are outstanding purchases."

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Cooling Drinks for Hot Days Always Keep the Makings of Lemonade on Hand, Just Ready to Serve

Half the enjoyment of an iced drink on a hot afternoon is taken from it if one has to spend half an hour in the kitchen preparing it. But if it is ready in the refrigerator and all one has to do is to chop a bit of ice and add a little water one would be willing to bring out a tray to half a dozen guests any time of day or night.

As lemonade is one of the favorites of all the summer beverages it is well to always have the "makings" on hand. A very good recipe for lemon syrup is three cupfuls of lemon juice, six cupfuls of sugar and six cupfuls of water. Grate the rind from three lemons and put it into a saucepan with the water and sugar and boil for ten minutes. Strain, add the lemon juice, bottle and cork. When wanted simply pour some into a pitcher, add a little ice and fill up with water. You can add orange juice, loganberry juice, a can of pineapple, a bunch of crushed mint or a bottle of ginger ale if you wish to vary the flavor.

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The instantaneous cereal drinks also make very good iced drinks. If you wish to have your refreshments ap- pear as if by magic, have your tray ready with the glasses and spoons in place. And keep in a cool dry place several packages of fancy crackers that will always be fresh and crisp. One utensil that you must have is a good ice pick or ice shredder, so you can go to the refrigerator and chip or shred off the ice with no trouble or fuss. There are many of these on the market, all having their good points, and one of these is absolutely necessary to the housewife who wishes to serve refreshments with the least amount of work.

Influence of Music
According to the National Kinder- garten Association, music is to take a prominent place in the education of little children.

Every home needs music, is the as- sertion of the association. Children are happier and healthier when they go to sleep or wake up singing.

The National Kindergarten Asso- ciation quotes Joseph Hoffman as say- ing that music is a spiritual influ- ence, and draws the conclusion that the music which fills the minds of children in a more or less unconscious way, makes for continental joy and happiness.

The Gown

What did Mrs. Fluddub wear?"
"Oh, I dunno."
"Then you can't describe her gown?"
"Well it had no sleeves, no neck, no back and the less said about the rest of it the better."—Louisville-Courier- Journal.

Simple Beauty Rule

Women should take five minutes a day from work and lie flat on the back, all muscles relaxed with eyes closed. It will be found a wonderful preserver of health, beauty and strength according to the advice of a health expert.

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NEWSY NOTES

Mexico's national debt is about 540,000,000 pesos (\$270,000,000).

Canada's wheat surplus this year is estimated at 150,000,000 bushels.

A Paris Physician says premature baldness is due to teeth trouble.

No Senator holding office was ever elected to the Presidency.

Physicians of Brest, France, are de- manding an eight hour day.

Canada will receive \$750,000 in taxes from horse races this year.

It would take 47,171 tons of gold to pay England's gold debt.

The pope's personal expenses aver- age little more than \$500 a year.

The world uses between three and four million needles daily.

Frank Kramer has been competing in bicycle races for 25 years.

Twenty thousand people are said to be homeless in Budapest.

Cuba's population now is 2,888,895.

One vacuum cleaner has an electric lamp at the bottom of the handle to light up dark corners.

The Salton Sea in Imperial Valley, Arizona, is constantly shrinking.

Turnhout, Belgium, has a school for lacemaking, which is attended by 1,600 children.

The average annual petroleum pro- duction of Bernuda is nearly 300,000,000 gallons.

In English prisons neither male nor female convicts may see a mirror during their imprisonment.

Prices of some articles of food in Syria have increased 600 per cent since the war began.

A missionary preacher in the far Northwest makes his visit to remote communities by airplane.

The honey crop of the United States is estimated at 250,000,000 pounds, valued at \$50,000,000.

Paper manufacture requires the de- struction of 9,500 acres of forest daily.

In fourteen months Poland has is- sued more than 300 different varieties of stamps.

The price of gold was fixed by in- ternational agreement in 1792 at \$20.67 an ounce.

The kilowatt hour is urged rather than gold, as an absolute standard of value.

Ten per cent of the farm employes of Kansas, who joined the army, have returned to the farms.

Surplus war materials and stocks of the American army have been sold for \$822,293,235.

A compound called "fire-snow" has been invented for extinguishing oil blazes.

Very Attractive Sun Dial!

Time wastes us, our bodies and our wits;

And we waste Time; so Time and we are quits.

Old-time gardens have a restful charm all their own. There's an at- mosphere of peace which modern gar- dens seldom achieve.

There was always an arbor, vine- covered and secluded, under which the owner drank tea in the late after- noon or lingered over the supper table in the twilight. The perfume of some specially loved garden lingers in most everyone's memory, though the shapes of the flower beds where lavender, clove, pinks, phlox, gillyflowers, lemon verbenas, heliotrope, lilies of the val- ley, moss roses and bleeding hearts reared their loveliness, have slipped into the obscurity of forgotten things.

The main object of interest in these memory gardens was the sun dial—the silent sentinel in the midst of all the perfume and color. Without this faithful timekeeper, fairy tales say, the four o'clock wouldn't know when to open or the lady slippers when it's time to dance. Be that as it may, a garden isn't really a garden without a sun dial.

Old and New
The old dials were not always elab- orate or expensive affairs, and they often cast their timely shadows on the only bit of smooth stone the gar- den boasted. Of course, show places of wealthy owners had elaborate dials on marble pedestals, but they prob- ably gave no more pleasure or kept more accurate time for their owners than the simpler devices.

The revival of the dials and in- scriptions in their inscriptions is send- ing

garden lovers to many distant places to find old ones to copy. A few old dials have escaped the collectors' vig- lance. Some still may be found in attics, cellars, waste heaps and out- of-the-way places where they were cast aside when their owners passed into the great beyond where time moves unnoted.

The modern dials are somewhat dif- ferently placed than dials of other days. While still in the broad, unob- structed open they usually form the center of an Italian, sunken or formal garden, sometimes the uprising center post or a circular stone bench. On one estate the dial was placed on a disc above a large aquarium as if to time the races of the gold fish below.

Some Dial Mottoes

Queen Alexandra of England chose the following motto for her dial at Sandringham Palace: "Let others tell of storms and showers, I'll only count your sunny hours."

Another famous dial has across its base, "The guerdon of the passing hour seize gladly while 'tis in thy power."

"A day my ruin thee—improve this hour," is inscription advice worth heeding. "Behold, now is the accepted time" is a biblical warning for those who are prone to put off until tomor- row what they should do today.

"Trifle not, your time's short," should act as a spur to the efforts of the indolent.

"The hour thou rearest now on me will never more be offered thee. If thou tak'st heed, wise thou wilt be." This motto make all stop and think.

"Shadow and sun, so too our lives are made. Yet think how great the sun; how small the shade." If more of us considered this philosophy, what a great addition to the world uplift we could be.