

FARM NOTES.

Whether fertile or poor the soil seems capable of producing weeds. This is due to the fact that there are so many different kinds of weeds on a soil there will be found some kinds that are adapted to the conditions. Weeds are Nature's restorers of fertility. The poorest soil will in time become the location of some weeds that alone will grow upon it, and as those weeds cover the ground they assist in the storage in the soil of the nitrogen brought down by the rains, while mineral matter is brought from the sub-soil to the surface.

As the soil becomes richer in plant food it gradually approaches a condition in which it can also support other weeds, and they promptly appear to do their part. When weeds are not destroyed they should be kept down, for they are usually indigenous to the soil, and will sometimes defy drought, cold, heat and close cultivation, but they are nevertheless man's friend at times as well as his enemies. What is desirable with all weeds is to keep them under control, for should they assume the mastery their eradication is slow and expensive work.

Phosphate rock varies, according to the mines from which it is taken. A ton of material from the mines may contain 50, or even as much as 80 per cent, of phosphate of lime, the remainder usually being iron and alumina. The percentage of phosphoric acid applies to the pure phosphate of lime only. The rock is not generally sold in this country until acidulated, so as to render the phosphoric acid soluble, acid being required to acidulate 100 pounds of rock, the lime then being changed in composition to sulphate of lime, leaving the phosphoric acid free and uncombined. The sources of phosphate rock are Tennessee, Florida and South Carolina.

Sandy soils are not as retentive of plant food as the soils which have clay sub-soils, but sandy soils quickly respond to manure and fertilizers and are more easily worked than stiff soils. Sandy soils are usually deficient in potash and lime—the most essential elements for clover and grass—and the lime acts upon the soil mechanically, making light soils heavier and heavy soils lighter. When lime is applied on clover land, where the soil is light, its effects are quickly noticeable. Land plaster (sulphate of lime) gives but little indication of being present, although it is soluble to a certain extent, but on heavy soils plaster is a special fertilizer for clover. Manure on sandy soils is always beneficial and does not, as is frequently claimed, perform its service in one year only, as there are many farms upon which manure has been spread on sandy soils and with the result that fair returns were secured for several years thereafter. Vegetable matter, turned under, gives excellent results on sandy soils, and when lime is added the benefit is increased. Grass can be grown on sandy soils if the plant food is added, and now that fertilizers can be made to do service instead of manure the opportunities for securing a stand of grass are increased. It is seldom too late in the season to grow a green manural crop preparatory to plowing it under if clover cannot be secured, as ryegrass is a general-purpose crop, but because a soil is sandy it is not barren, as many light soils that will not produce good grass crops have done excellent service in yielding grain or vegetables, and also contain vegetable matter sufficient to be of assistance to nearly all kinds of crops. That clover and grass will grow on light soils has been demonstrated, but there is a proper time for seeding, and the preparation of the soil must be thorough.

Farmers are prone to cultivate those crops which require the least work, and many of them do not consider that by devoting labor to a crop it is principally labor they sell and not the article produced. All articles possess certain values, but they are the results of labor, and the greater the amount of labor bestowed upon the crop the more valuable it should become, as the yield is larger and the quality improved. There are certain crops that many farmers do not grow, and yet they are more profitable than many of the cereals. For instance, asparagus is a crop that is slow in yielding returns, but once secured it is a permanent investment. Those who devote their time to such a crop make the ground very rich and pulverize it well. The crop is treated every fall to liberal applications of manure, salt and mineral fertilizers, and care is given. In one section it is estimated that each acre should yield one ton, at five cuttings each, or five tons, selling readily at \$100 per ton, or a produce of \$500 per acre. This is equal to the product of 25 acres of wheat at 25 bushels per acre, and selling for \$1 per bushel. Another excellent crop is celery, which, though quicker than asparagus, requires more labor. In the region of Kalamazoo it is grown extensively. A few parties having grown it on a piece of reclaimed swamp land, others followed, and to-day it is giving a large profit to all engaged in its culture. It is estimated that the average value of an acre of celery is \$800, but prices, of course, fluctuate. This industry was begun by those who could not make the land pay in any other manner. In other sections lima beans, green peas, sweet corn and the small fruits are raised in large quantities.

The turnip crop should be a leading one, as a large supply can be secured from an acre of land. The growing of turnips for winter is during the summer season, but while the growing of turnips is done somewhat carelessly after the ground is ready for the seed, the proper preparation of the ground is not always made. Weeds grow rapidly during warm weather, and to protect the turnips the land should be plowed now, harrowed, and the weed seeds permitted to sprout, using the harrow as often as may be necessary to destroy them. Just before seeding the turnips (usually in July) the land should be worked deep with a cultivator, and then harrowed down again as fine as possible. This will not only cause fewer weeds to appear, but will also increase the crop of turnips both in the yield and quality.

The mower is an excellent destroyer of weeds, and every piece of land covered with them should be mowed before the weeds go to seed. It is the seeds that do the damage, and they are often overlooked when the weeds grow in fence corners and locations not reached by the mower, hence a close observation should be made in order not to let a single weed escape.

It is claimed that with potatoes grown on land that has been tilled so as to permit of perfect drainage there is less liability of the tubers rotting than on other soils. The most important matter, however, is to use seed potatoes from localities where no disease has existed.

White and colored moire silks are beautiful for pillows when worked in the new fashion, with white embroidery silk and boniton braids. A pale green one, worked in white and finished with a white silk cord, is dainty and useful. These combinations are rare in pillows now-a-days.

Tucks of all widths are noted on new dresses. Piping outline some very smart strapings.

FOR AND ABOUT WOMEN.

A DAILY THOUGHT. Politeness is like an air cushion—there may be nothing in it, but it eases our jolts wonderfully.

Matinee jackets of loosely woven crash, lined with pale shades of china silk, are made Directoire fashion and have deep collars of lace and jabots of the lace and ribbon down the front.

A dainty frock for a girl of 12 has shoulder capes, edged with lace to correspond with the insertings on the skirt and waist.

Trimmed wash taffeta makes an effective priming for a plain colored bathing suit.

Word comes from Paris that the flaring hems of our fall gowns are to flare more than ever, and that crinolines and feather hems are to be used to make them stand out. Moreover, says the New York Post, the many ruffles we are wearing are to be increased rather than diminished. It is not artistic to cut up a fabric too much, and it really seems a frightful waste of time to cut one's clothes into a thousand pieces and then sew them together again. We have been through the 1890's period, and are passing through the 1890's. It would be too bad if we were forced into the early seventies with its long-trained, tight-fitting, beruffled gowns. The possibility reconciles us to the widening of the skirt. Still, if it keeps on much longer it will require 30 yards of silk to make a gown, especially if sleeves grow with the skirts.

Tiny bags filled with ordinary, plain oat meal used in the daily bath, will produce the most exquisite softness of skin. Oat meal possesses great healing and soothing qualities and will prove more beneficial than many other extravagant priced skin lotions.

Offensive breath may be caused by decaying teeth, or an unwholesome state of the mouth itself, the lungs or the stomach. For any disorder of the mouth there are few things better than a wash composed of glycerine, one part; boric acid, one part; and water, 38 parts. The water should be boiling and the wash be used when cold. A few drops of tincture of myrrh will form a pleasant addition. When the stomach is at fault a benzoic acid lozenge taken now and again may prove useful.

It is a mistake for a mother to keep her son's hair long after the child is 3 or 4 years old. It is not only effeminate, but is bad for the child to have these long curls. It saps the strength, and, especially in warm weather, is a constant source of irritation, and is often a source of secret mortification to the little sufferer, who longs to be "a big man and wear his hair like father's."

A generation ago a little girl's hair was kept short until she was about 12 years old. It was not a pretty fashion, but it was supposed to make the hair thick and long in later life. It depended a good deal on the individual, however, for some hair will never be thick; it is not its nature.

The popular girl is the girl who can always say a good word about everybody. Who is never caught in disservice or slighted costume when she should be ready to receive visitors.

Who is always enthusiastic or at least interested in what is going on.

Who is not ashamed of a hearty appetite.

Who does not always imagine herself to be the most important member of her social circle, but who can forget herself.

Who is not always complaining of her ills.

Who does not always imagine herself to be the most important member of her social circle, but who can forget herself.

Niagara Falls Excursions.

The Pennsylvania Railroad Company has selected the following dates for its popular ten-day excursions to Niagara Falls from Washington and Baltimore: July 8 and 22, August 12 and 26, Sept. 9 and 23, and Oct. 14. On these dates the special train will leave Washington at 8:00 A. M., Sunbury 12:58 P. M., Williamsport 2:30 P. M., Lock Haven 3:08 P. M., Renovo 3:55 P. M., Emporium Junction 5:05 P. M., arriving Niagara Falls at 9:35 P. M.

Excursion tickets, good for return passage on any regular train, exclusive of limited express trains, within ten days, will be sold at \$10.00 from Washington; 7.80 from Altoona; 7.40 from Tyrone; 6.45 from Bellefonte; 5.10 from Ridgway; \$6.90 from Sunbury and Wilkesbarre; \$5.72 from Williamsport; and at proportionate rates from principal points. A stop-over will be allowed at Buffalo within limit of ticket returning.

The special trains of Pullman cars and day coaches will be run with each excursion running through to Niagara Falls. An extra charge will be made for parlor car seats.

An experienced tourist agent and chaplain will accompany each excursion.

For descriptive pamphlet, time of connecting trains, and further information apply to nearest ticket agent, or address Geo. W. Boyd, General Passenger Agent, Broad Street Station, Philadelphia. 49-26-78

Pennsylvania Chautauqua.

Reduced Rates to Mt. Gretna via Pennsylvania Railroad.

For the Pennsylvania Chautauqua, to be held at Mt. Gretna, Pa., July 1 to August 5, 1904, the Pennsylvania Railroad Company will sell special excursion tickets from New York, Philadelphia, Chestnut Hill, Phoenixville, Wilmington, Perryville, Frederick, Md., Washington, D. C., East Liberty, Butler, Indiana, Conneville, Bedford, Clearfield, Martinsburg, Bellefonte, Waterford, Canandaigua, Wilkesbarre, Tomhicken, Mt. Carmel, Lykens, and principal intermediate points, to Mt. Gretna and return, at reduced rates. Tickets will be sold June 25th to August 5th, inclusive, and will be good to return until August 16th, inclusive. For specific rates, consult ticket agents.

Reduced Rates to Cincinnati.

Via Pennsylvania Railroad, Account Grand Lodge, Benevolent and Protective Order of Elks.

For the benefit of those desiring to attend the annual meeting of the Grand Lodge, Benevolent and Protective Order of Elks, to be held at Cincinnati, Ohio, the Pennsylvania railroad company will sell round-trip tickets to Cincinnati from all stations on its lines, July 15th, 16th, and 17th, at rate of single fare for the round-trip, plus \$1.00. Tickets will be good returning, leaving Cincinnati not later than July 23rd, when properly validated, for which no fee will be required. By depositing ticket not later than July 23rd, and payment of fee of fifty cents, an extension of return limit may be had to August 18th. For specific information consult ticket agents.

Reduced Rates to St. Paul or Minneapolis, Minn.

Via Pennsylvania Railroad, Account Triennial Convention Ladies' Catholic Benevolent Association.

On account of the Triennial convention of the Ladies' Catholic Benevolent Association, at St. Paul, Minn., July 15th to 30th, the Pennsylvania railroad company will sell round-trip tickets to St. Paul or Minneapolis from all stations on its lines July 12th to 16th, inclusive, good to return until August 5th, at reduced rates. For rates and conditions of tickets consult ticket agents.

Worlds Fair Excursions.

Low-rate ten-day coach excursion via Pennsylvania Railroad, July 2nd, 7th, 14th, 21st, and 28th. Rate, \$15.55 from Bellefonte. Train leaves Bellefonte at 1:05 P. M., connecting with special train from New York arriving St. Louis 4:15 P. M., next day.

TUCKERED OUT.—This is a familiar expression of many men and women after a day's work, whether it be brain work or bone labor. Tired out nerves and muscles, brain fagged, energy gone, sleeplessness, nervousness, irritability, are the result of overwork. These are the warning signs that repairs to the system are demanded.

—A Chicago girl wrote the beauty department of a local paper, and asked: "What is good for big feet?" Promptly the reply appeared, "Big shoes."—Huston Post.

Castoria.

For Infants and Children

BEARS THE SIGNATURE OF CHAS. H. FLETCHER.

48-21m The Centaur Co., New York City.

A Lesson in Grammar.

"Remember this," said the primary school teacher, "a plural subject takes a plural verb—a girl is, a boy is; girls are, boys are. Now, do you understand?" Every hand was raised in assent. "Well, then, who will give a sentence with girls in the plural?" This time only one little girl: "I can give a sentence. 'Girls are my hat on straight?'"—Boston Christian Register.

BRUTALLY TORTURED.—A case came to light that for persistent and unmerciful torture has perhaps never been equaled. Joe Golobick, of Colusa, Calif., writes: "For 15 years I endured insufferable pain from Rheumatism and nothing relieved me though I tried everything known. I came across Electric Bitters and it's the greatest medicine on earth for that trouble. A few bottles of it completely relieved and cured me." Just as good for Liver and Kidney troubles and general debility. Only 50c. Satisfaction guaranteed by Green's drug-gist.

\$50 to California and Back.

From Chicago, August 15th, to September 10th. Final return limit October 23rd. Two through trains daily via the St. Paul and the Union Pacific Line The Overland Limited runs via this route, and makes the trip, Chicago to San Francisco, in less than three days.

The California Express is another good train via this route, and carries tourist sleeping cars in which the rate for a double berth all the way is only \$7. Tickets via the Twin Cities and Portland, in one direction, \$61. John R. Pott, District Passenger Agent. Room D, Park Bldg., Pittsburg. 49-27-11

Medical.

AYER'S CHERRY PECTORAL

You can hardly find a home without its Ayer's Cherry Pectoral. Parents know what it does for children: breaks

up a cold in a single night, wards off bronchitis, prevents pneumonia. Physicians advise parents to keep it on hand.

"The best medicine money can buy is Ayer's Cherry Pectoral. For the coughs of children, nothing could be better."

JABOB SHULL, Saratoga, Ind.

25c., 50c., \$1.00 J. C. AYER CO. All druggists Lowell, Mass.

—FOR— THROAT, LUNGS

Ayer's Pills breaking up the Cherry Pectoral in breaking up a cold. 49-42-11

New Advertisement.

IF YOU WANT TO SELL

standing timber, sawed timber, railroad ties, and chemical wood.

IF YOU WANT TO BUY

lumber of any kind worked or in the rough, White Pine, Chestnut or Washington Red Cedar Shingles, or kiln dried Millwork, Doors, Sash, Plastering Lath, Brick, Etc. Go to P. B. CRIDER & SON, Bellefonte, Pa.

MINE EQUIPMENT.

CATAWISSA CAR AND FOUNDRY COMPANY, CATAWISSA, COLUMBIA CO., PA. BUILDERS AND MANUFACTURERS OF

Bituminous Mine Cars. Every type.

Mine Car Wheels. Plain. Solid hub oiler. Bolted cap oiler. Spoke oiler. Recess oiler.

Mine Car Axles. Square, Round, Collared.

Car Forgings. Bands, Draw bars, Clevises, Brake, Latches Chain.

Rails and Spikes. Iron, Steel and Tank Steel and Iron forged and prepared for any service.

We can give you prompt service, good quality, lowest quotations. Distance is not in the way of LOWEST QUOTATIONS. 48-26 TRY US.

Accident Insurance.

THE REFERRED ACCIDENT INSURANCE CO.

THE \$5,000 TRAVEL POLICY

Benefits: \$5,000 death by accident. 5,000 loss of both feet. 5,000 loss of both hands. 5,000 loss of one hand and one foot. 2,500 loss of either hand. 2,500 loss of either foot. 630 loss of one eye. 25 per week, total disability; (limit 52 weeks.) 10 per week, partial disability; (limit 26 weeks.) PREMIUM \$12 PER YEAR, payable quarterly if desired.

Larger or smaller amounts in proportion. Any person, male or female engaged in a preferred occupation, including house-keeping, over eighteen years of age of good moral and physical condition may insure under this policy.

FREDERICK K. FOSTER, 49-9 Agent, Bellefonte, Pa.

McCalmont & Co.

McCORMICK MOWERS, RAKES, TEDDERS, BINDERS AND TWINE, HAY FORK, PULLEYS, CARRIERS, ROPE, ETC.

Especially low prices on Hay Rakes and Binder Twine.

Farmers who purchase harvesting machinery from us this year, and those using said machinery purchased from us heretofore, are allowed one-half cent. per pound on twine.

8 FOOT HAY RAKES ARE THE BIGGEST BAR-GAINS WE HAVE.

McCAlMONT & CO. BELLEFONTE, PA.

49-1

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Jewelry.

WHERE TO GET.

The Latest Novelties, DIAMONDS, WATCHES, STERLING SILVERWARE,

CLOCKS, JEWELRY, POCKET BOOKS, UMBRELLAS.

SILVER TOILET WARE, An abundant Stock at Moderate Prices.

F. C. RICHARD'S SONS, High St. BELLEFONTE PA

Meat Markets.

GET THE BEST MEATS.

You save nothing by buying, poor, thin or gristly meats. I use only the LARGEST, FATTEST, CATTLE, and supply my customers with the freshest, choicest, best blood and muscle making Steaks and Roasts. My prices are no higher than poorer meats are elsewhere.

I always have DRESSED POULTRY, Game in season, and any kinds of good meats you want. Tar My Shop. P. L. BEEZER, High Street, Bellefonte

SAVE IN YOUR MEAT BILLS.

There is no reason why you should use poor meat, or pay exorbitant prices for tender, juicy steaks. Good meat is abundant hereabouts, because good cattle sheep and calves are to be had.

WE BUY ONLY THE BEST and we sell only that which is good. We don't promise to give it away, but we will furnish you GOOD MEAT, at prices that you have paid elsewhere for very poor.

GIVE US A TRIAL and see if you don't save in the long run and have better Meats, Poultry and Game (in season) than have been furnished you. GETTIG & KREAMER, Bush House Block BELLEFONTE, PA. 44-18

Plumbing etc.

CHOOSE YOUR PLUMBER as you chose your doctor—for effectiveness of work rather than for lowness of price. Judge of our ability as you judged of his—by the work already done. Many very particular people have judged us in this way, and have chosen us as their plumbers.

R. J. SCHAD & BRO. No. 6 N. Allegheny St., BELLEFONTE, PA. 49-43-61

Groceries.

ORANGES, Lemons, Bananas, Pine Apples, Table oil, Olives, Sardines, Nuts, Table Raisins, Confectionery.

SECHLER & CO., BELLEFONTE, PA. 49-3

Flour and Feed.

CURTIS Y. WAGNER, BROOKERHOFF MILLS, BELLEFONTE PA. Manufacturer, and wholesaler and retailers of

ROLLER FLOUR, FEED, CORN MEAL, Etc. Also Dealer in Grain.

Manufactures and has on hand at all times the following brands of high grade flour

WHITE STAR, OUR BEST, HIGH GRADE, VICTORY PATENT, FANCY PATENT—formerly Phoenix Mills high grade brand.

The only place in the county where SPRAY, an extraordinary fine grade of Spring wheat Patent Flour can be obtained.

ALSO: INTERNATIONAL STOCK-FOOD. FEED OF ALL KINDS, Whole or Manufactured.

All kinds of Grain bought at office. Exchange Flour for Wheat.

OFFICE and STORE, - Bishop Street, Bellefonte. MILL - ROOPSBURG. 47-19

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