

FARM NOTES.

The sprayer should be used on the apple trees as soon as the blossoms begin to fall. Success in spraying is to perform the work at the right time.

The large breed of ducks can be confined in yards having fences only two feet high. Such fences may be movable, so as to change the ducks to a new location. Some breeders grow out in one yard while the ducks are occupying the other, in order to provide green food. Rape, lettuce, sweet corn, mustard, peas or any kind of green food will answer, as the ducks can be allowed on the plot when the plants are but two or three inches high.

Shearing the sheep should not be done while the nights are cold unless they are put up at night in a warm place, nor should shearing be delayed too late, as the wool will begin to come out. The sheep is a very tender animal, and a sudden change given during cool weather, by removing a heavy coat of wool, may cause them to take cold. With a little care in housing them until they are accustomed to the change they will not be injured by shearing.

It will be a risk at all times to plant a young tree or vine between old ones of the same kind. The manner in which the plants are placed at the location for the young plant will be at once seized by the larger ones, as they will immediately send out roots for that purpose, the result being that the young plant is deprived of food and dies. It is also a mistake to set out a young tree in the place of an older one that has died, as disease may be in the ground, and because the plants food necessary for the new tree has been used by the tree which formerly occupied the location.

The State department of agriculture, has issued bulletin No. 44 of the department, which, while the supply lasts, will be sent free to applicants.

It contains the official analysis of 950 samples of commercial fertilizers selected in various parts of the State. In addition to the official analysis the bulletin also shows the comparative commercial value of each sample and its selling price at the station at which the sample was obtained. The law regulating the sale and manufacture of commercial fertilizers is given in full and the manner in which the comparative commercial value of the samples is calculated is fully and plainly explained. For copies address Department of Agriculture, Harrisburg, Pa.

At this season of the year, when all kinds of crops are going in, the importance of selecting the right kind of fertilizer for each crop cannot be too strongly impressed on farmers, but many of them are lacking in the knowledge of how to select for the best results and with a view of economy. At the Hatch Experiment Station experiments have been made for several years, testing the fertilizers of different kinds and on different crops, the soils and mechanical conditions being kept uniform. Special or complete fertilizers sold for various crops gave astonishing variations when made by different parties for the same crop. While some recommended the same mixtures for very different crops, yet nearly all contained twice as much phosphoric acid as potash, and some four times as much. By selecting the right material and the right proportions to the mixed fertilizers, better results will be secured.

Thirty experiments made with corn showed that potash in the form of the muriate largely increased the yield of both grain and stover and had much more influence upon the crops than did nitrogen or phosphoric acid, thus showing that the special corn fertilizers do not contain enough potash, the proper proportions being three parts nitrogen, four parts phosphoric acid and eleven parts potash. On oats, after corn, nitrate of soda increased the crop more than did phosphoric acid or potash, hence the proper fertilizer for oats should consist of five parts nitrogen, three parts phosphoric acid and five parts potash. For clover use two parts nitrogen, five parts phosphoric acid and ten parts potash. On timothy eight parts nitrogen, three parts phosphoric acid and three parts potash should be used. Nitrogen gives its best results on the first crop of grass and potash on the second. Rye requires about the same of all three, the potash making better and plumper grains. Cabbage, white mustard and Swedish turnips quickly responded to a liberal application of phosphate, but potash was also beneficial to the cabbage and turnips. Soy beans were much benefited by potash, but not much increased by nitrogen or phosphates. These wide differences should induce farmers to experiment for themselves to learn what they need upon their own soils for their various crops, and they should know what materials of fertilizers they use and the kinds best adapted for each particular crop. Any kind of fertilizer purchased that is not required by the crop is so much unnecessary expense, as the farmer simply buys something, in such case, that he can do without, it being more economical to buy exactly the required substances only.

To make the formulas plain and well understood it may be stated that when the farmer buys fertilizers he can use the following proportions: For corn, for one acre, 100 pounds nitrate of soda, 200 pounds dried fish, 250 pounds acid phosphate, and 220 pounds high-grade muriate of potash, which would furnish about 30 pounds nitrogen, 40 pounds phosphoric acid and 110 pounds potash. On land rather poor in organic matter use 200 pounds nitrate of soda, 200 pounds dry ground fish, 100 pounds tankage, 200 pounds acid phosphate and 250 pounds muriate of potash. This would give 42 pounds nitrogen, 50 pounds phosphoric acid and 125 pounds potash per acre. In connection with farm manure, for corn use 50 pounds nitrate of soda and 100 pounds each of dry ground fish, acid phosphate and potash salts, which would give 14 1/2 pounds nitrogen, 21 1/2 pounds phosphoric acid and 50 pounds potash per acre. For an acre of oats use 100 pounds phosphoric acid, 125 pounds nitrate of soda and 50 pounds potash salts. For timothy or mixed grasses put on 150 pounds nitrate of soda, 125 pounds tankage, 50 pounds acid phosphate and 25 pounds muriate of potash. For mowing land, with considerable clover, use 100 pounds nitrate of soda, 300 pounds acid phosphate and 160 pounds muriate of potash, which is equal to 16 pounds nitrate of soda, 40 pounds phosphoric acid and 80 pounds pure potash, per acre. It is best to mix these materials just before using, broadcast them on just after plowing, and harrow them in. The amounts are calculated for one acre, and are moderate in quantity. More can be profitably used if the land is not in good condition.

Laugh if you feel like laughing Weep if you wish alone Then put your ad in the WATCHMAN And grow rich on the seed you've sown.

Spouting.

SPOUTING! SPOUTING! SPOUTING! SPOUTING! SPOUTING! W. H. MILLER, Allegheny St. BELLEFONTE, PA. Repairs Spouting and supplies New Spouting at prices that will astonish you. His workmen are all skilled mechanics and any of his work carries a guarantee of satisfaction with it.

Howard Twp. Statement

AUDITOR'S STATEMENT HOWARD TWP., ACCOUNTS. JOHN W. SMITH, Collector, in account with Howard township, (Poor Tax.) 1898. To Bal. Duplicate of 1898, 564 77

To Bal. Duplicate of 1897, 681 38

To Bal. Duplicate of 1896, 681 38

To Bal. Duplicate of 1895, 681 38

To Bal. Duplicate of 1894, 681 38

To Bal. Duplicate of 1893, 681 38

To Bal. Duplicate of 1892, 681 38

To Bal. Duplicate of 1891, 681 38

To Bal. Duplicate of 1890, 681 38

To Bal. Duplicate of 1889, 681 38

To Bal. Duplicate of 1888, 681 38

To Bal. Duplicate of 1887, 681 38

To Bal. Duplicate of 1886, 681 38

To Bal. Duplicate of 1885, 681 38

To Bal. Duplicate of 1884, 681 38

To Bal. Duplicate of 1883, 681 38

Howard Township Auditor's Statement.

new child to Pittsburg, 5 10

Mch 7 Paid W E Gray, Esq atty's fee, 10 00

Mch 8 Paid B Weber's Sons on acct, 20 00

Mch 9 Paid B Weber's Sons on acct, 20 00

Mch 10 Paid B Weber's Sons on acct, 20 00

Mch 11 Paid B Weber's Sons on acct, 20 00

Mch 12 Paid B Weber's Sons on acct, 20 00

Mch 13 Paid B Weber's Sons on acct, 20 00

Mch 14 Paid B Weber's Sons on acct, 20 00

Mch 15 Paid B Weber's Sons on acct, 20 00

Mch 16 Paid B Weber's Sons on acct, 20 00

Mch 17 Paid B Weber's Sons on acct, 20 00

Mch 18 Paid B Weber's Sons on acct, 20 00

Mch 19 Paid B Weber's Sons on acct, 20 00

Mch 20 Paid B Weber's Sons on acct, 20 00

Mch 21 Paid B Weber's Sons on acct, 20 00

Mch 22 Paid B Weber's Sons on acct, 20 00

June 1 Paid work on Hill road, 2 35

June 2 Paid work on Hill road, 2 35

June 3 Paid work on Hill road, 2 35

June 4 Paid work on Hill road, 2 35

June 5 Paid work on Hill road, 2 35

June 6 Paid work on Hill road, 2 35

June 7 Paid work on Hill road, 2 35

June 8 Paid work on Hill road, 2 35

June 9 Paid work on Hill road, 2 35

June 10 Paid work on Hill road, 2 35

June 11 Paid work on Hill road, 2 35

June 12 Paid work on Hill road, 2 35

June 13 Paid work on Hill road, 2 35

June 14 Paid work on Hill road, 2 35

June 15 Paid work on Hill road, 2 35

June 16 Paid work on Hill road, 2 35

June 17 Paid work on Hill road, 2 35

John Glenn, H. J. Pletcher, John A. Woodward, Auditors.

Ralph Schenck, supervisor of roads in account with Howard township, (Work Tax.) April 1, 1899.

To amount of duplicate, 601 67

By balance on account of wide tires, 9 00

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New Advertisements.

ROCK FARMS. J. HARRIS HOY, Manager, Office, No. 85, Allegheny St. Bellefonte, Pa.

Horses, Cows, Sheep, Shoats, Young Cattle and Feeders for sale at all times.

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W. H. Miller, Allegheny Street, Bellefonte, Pa., puts on new or repairs old roofs at the lowest prices. Estimates on new work gladly furnished.

Restaurant. Do YOU GET HUNGRY? Of course you do. Every body does. But every body does not know that the place to satisfy that hunger when in Bellefonte is at Anderson's Restaurant, opposite the Bush House, where good, clean, tasty meals can be had at all hours. Oysters and Game in season.

DO YOU PLAY POOL? If you do, you will find excellent Pool and Billiard tables, in connection with the Restaurant.

DO YOU USE BOTTLED BEER? If you do, Anderson is the man to supply you. He is the only licensed wholesale dealer in the town, and supplies only the best and purest brands. Will fill orders from out of town, promptly and carefully, either by the keg or in bottles. Address JOHN ANDERSON, Bellefonte, Pa.

Sears, Roebuck & Co. 1.95 BUYS A \$3.50 SUIT, 3,000 celebrated "KANTWEAROUT" double seat and double knee. Regular \$3.50 Boys' 2 Piece Knee-Pant Suits going at \$1.95. NEW SUIT FREE for any of these suits which don't give satisfactory wear.

SEND NO MONEY. Cut this Ad. out and send to us, state age of boy and we will send you the suit by express, C. O. D., subject to examination. You can examine it at your express office and if found perfectly satisfactory and equal to suits sold in your town for \$3.50, you may express agent our special offer price, \$1.95 and express charges.

These Knee-Pant Suits are for boys from 4 to 5 years of age, and are retailed everywhere at \$3.50. Made with double seat and knees, latest 1899 style, made from a special wear-resisting, heavy-weight All-Wool Oakegg cassimere, neat, handsome pattern, fine serge lining, Clayton patent interlining, padding, staying and reinforcing, heavy-duty sewing, fine tailor-made throughout, a suit any boy or parent would be proud of. For Free Samples of Boys' Clothing (Suits, Overalls, or Unders), for boys 4 to 19 years, write for sample Book No. 907, contains fashion plates, tape measure and full instructions how to order.

Men's Suits and Overcoats made to order from \$5.00 up. Samples made on application. Address SEARS, ROEBUCK & CO., (Inc.) Chicago, Ill. (Sears, Roebuck & Co. are thoroughly reliable.—Editor.) 44-3-3m

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SEND US ONE DOLLAR and this Ad. and we will send a big 32 page new 1899 book of ten high grade RESERVOIR COAL AND WOOD COOK STOVE, by freight C. O. D., subject to examination. Examine it at your express office, if found perfectly satisfactory and the greatest Stove Bargain you ever saw or heard of, pay the freight Agent our special offer price, \$1.00, plus the \$1.00 sent with order of \$12.00 and freight charges. This stove is size No. 8, oven is 16x18x11, top is made from best pig iron, extra large flues, heavy covers, heavy linings and grates, large oven shelf, heavy tin-lined oven door, handsome nickel-plated ornamental cast iron trimmings, extra large deep, genuine Standard porcelain lined reservoir, handsome large ornamental base. Best corner made, and we furnish Free an extra wood grate, making it a perfect wood burner. We issue a Binding Guarantee with every stove and guarantee satisfaction or a full refund. Your local dealer will charge you \$25.00 for such a stove, the freight is only about \$1.00 for each 500 miles, so we save you at least \$10.00. Write for our free Stove Catalogue. Address SEARS, ROEBUCK & CO., (Inc.) Chicago, Ill. (Sears, Roebuck & Co. are thoroughly reliable.—Editor.) 44-3-3m

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Free Trip to the Sea Shore.

A TEN DAY'S TRIP TO THE SEA SHORE FREE OF COST. BE THE WATCHMAN'S GUEST AT ATLANTIC CITY, CAPE MAY, OCEAN GROVE, OR ASBURY PARK.

—AN UNPRECEDENTED OFFER FOR A SUMMER OUTING.— In order to make the WATCHMAN the home paper of Centre county and to increase its rapidly growing list of readers to the 5000 mark, if possible, it has been decided to make the following propositions to the public. They are open to anyone, within or without Centre county.

A 10 DAYS TRIP. 1st. To the person sending us the greatest number of new subscribers to the WATCHMAN between this date and July 1st, 1899, we will give a free trip to any of the seaside resorts mentioned above. All the expenses of rail road fare, Pullman car accommodations and ten days' boarding at one of the best hotels in the resort chosen will be paid by the WATCHMAN.

A FIVE DAYS TRIP. 2nd. To the person sending us the second greatest number of new subscribers to the WATCHMAN between this date and July 1st, 1899, we will give a free trip to any of the above resorts, under the exact conditions mentioned in the 1st offer except that five days boarding will be given.

RAILROAD FARE. 3rd. To the person sending us the third greatest number of new subscribers to the WATCHMAN between the above mentioned dates, we will give rail-road transportation to and from any of the above mentioned resorts.

A FREE COPY OF THE WATCHMAN. To all other contestants who furnish the names of ten new subscribers, a free copy of the WATCHMAN will be sent for one year.

—THE CONTEST OPEN TO ALL— This is purely an experimental move on the part of the WATCHMAN, but its promises will be fulfilled to every family in the county. Here is an opportunity such as you have never had before. Every man, woman, boy or girl has a chance to take a trip to one of America's four greatest summer resorts, absolutely free of cost. It might happen that only one or two names will be required to win the contest for you. No matter if only one new subscriber should be secured in the entire contest the person sending that one will be entitled to the first prize.

Nothing more is required than to secure the new subscribers, taking \$1.00 for a year's payment from them, and sending the same to us with the name and address to which the paper is to be sent. We will enter you credit for every new name sent in when accompanied by the cash and at the expiration of the contest the winners, with the number of their subscriptions, will be announced. And the list of contestants with the number of their subscriptions will be open to the examination of all contestants.

You Should Start at Once if you want a Summer Outing for July.

WILLIAM J. BUTLER, supervisor of roads, 1899 in account with Howard township, (Cash Tax.)

To amount of duplicate, 376 15

By balance on account of road tax, 147 76

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By balance on account of road tax, 147 76

John Glenn, H. J. Pletcher, John A. Woodward, Auditors.

Ralph Schenck, supervisor of roads, 1898, in account with Howard township, (Cash Tax.)

To amount of duplicate, 463 16

By balance on account of road tax, 31 25

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