

Local and Personal.

This is meant to be a purely local news column, to which the Editor invites contributions. Events of local importance, whether current or in the near future, accidents, cases of extreme illness, society and church happenings, marriages, deaths, etc., should be reported to the Editor in writing, otherwise they may not appear.

Frank Biehl, formerly of this district, has purchased the James Reaver property, near Littlestown.

It is current rumor that the new warehouse property will be occupied this spring, but the exact facts seem to be somewhat secret.

Among the cattle loaded here by Cover & Kemper, on Monday, was a bullock purchased from Lewis Hemler, which weighed 2130 pounds.

David D. Renner, a well known farmer resident of this district, will remove to his recently purchased farm in Pennsylvania, next week. We are sorry to lose such a worthy citizen.

The K. of P. and P. O. S. of A., of this place are having quite a boom in increase in membership. The latter had eleven applications on Thursday night, and the former five on the last two Tuesday nights.

On Thursday evening, some miscreant broke into the shed in which the bread-wagon of J. T. Koonitz is kept, and stole a quantity of cakes, pretzels, etc., which the driver had prepared to take with him on his trip on Friday.

"I send you the money for my subscription for this year and next; I could not get along without my paper. I always look for the items, especially from Uniontown; in fact, I enjoy all of them."—Albert J. Daner, Traer, Iowa.

James Shildt, our veteran blacksmith, will retire from business on April 1st, his stand being continued by J. T. Wantz, his present apprentice. Mr. Shildt has hammered an anvil for about 42 years, 30 of them at his present stand.

Alderman Harry F. Fink, of Hanover, Pa., was in town last Saturday, in his usually happy frame of mind. His election to the city council is quite a flattering tribute to his popularity, especially as he is a comparatively new citizen.

Rev. Samuel G. Finckel died suddenly, notwithstanding a long period of ill-health. He ate supper with his family, walked up stairs to his room, retired, and expired in about an hour. He was fifty-five years of age; he had been absent from his pulpit but a few Sundays.

A very enjoyable surprise was given Mrs. Rev. P. A. Long, on Thursday evening, when about thirty-five of her friends gathered at her residence. Entertaining conversation, and refreshments, furnished by the surprised, made the evening one of great pleasure to all present.

The Baltimore Building and Loan Association, which at one time had a large number of investors in this section, has been placed in the hands of a receiver. Some of the share holders have but recently drawn out of the concern, and it is probable that no one here will be a loser.

Mrs. Andrew Harner died on Saturday morning last, after a long illness. Her funeral was held at Baust church on Sunday afternoon. Her husband survives her, together with one daughter, Mrs. Urban Bowersox, and three sons, Charles, Tobias and John. She was a sister of Isaiah and Israel Lambert.

The printing of the Record has not been satisfactory for some time past, due to the wearing out of the present set of winter rollers on our large press. As it is too late in the season to replace them, we ask the indulgence of our readers for a few weeks until the summer set can be used, and better results obtained. The large amount of sale posters turned out by the office, for several months, has also interfered with good newspaper work.

William P. Gardner, a prominent citizen of Emmitsburg district, died on Thursday evening, having been in failing health for some time, though not confined to his bed over a week. Mr. Gardner was twice married; his last wife, who was Miss Eliza McAllister of this district, survives him. Funeral services will be held this Saturday morning, in Emmitsburg. The deceased was in his 72nd year, and, during the whole of his long life was noted for his uprightness of character and kind disposition.

Death of John D. Bowman.

Mr. John D. Bowman died at the home of his son Charles H. Bowman, on last Monday, of paralysis, at the age of 88 years, 2 months and 7 days. Mr. Bowman was a well-known and much respected citizen. He was a staunch republican and never missed casting his vote for his party, until the last two years, when age and the infirmities of life crept on, and he was unable to get to the polls. His whole time was spent at his home, and his business was principally trucking, never having any desires for other pleasures of this life.

Interment took place at Beaver Dam cemetery on Wednesday. Elders Ezra Senseney and Isaac Stately had charge of the services. The pall-bearers were Messrs George Stately, Isaac Eyles, John Humbert, Oliver Norris, John Engle and Fred Green. Mr. Bowman had but one son, Mr. Chas. H. Bowman, who survives him. Mrs. Mary Haines, widow of the late David Haines, is a sister of Mr. Bowman and the only one of the family living.

COUNTY AND STATE.

News Notes of General Interest from Various Sources.

Census enumerators are now undergoing an examination as to fitness.

Among the bills signed by Governor Smith is one which allows Judges of the Orphans' Court in the counties \$4.00 per day, and one which changes the name of the Second Hospital for the insane (Sykesville) to Springfield State Hospital.

Rev. Wm. E. Wheeler, of the Lutheran Theological Seminary at Gettysburg, Pa., has been called by the joint council of the Woodsboro Lutheran church, made vacant by the resignation of Rev. R. S. Patterson. The charge consists of four congregations.

The Herald, on Thursday, contained a picture of the outfit of rural carrier J. J. Garner and his wagon; E. H. Hathaway, special agent, also Mrs. Garner, Misses Fannie Slonaker and Fannie Michaels, and hostler, Wm. Davis. The picture was taken in front of Mr. Garner's residence.

There was some apprehension in the peach belts of Washington county, but inspection later showed the buds not to be frozen. The indications are that there will be a large crop this year. The buds could not be in better condition at this time, not being far developed, as they were in February last year when they were frozen by the great blizzard.

Mr. C. Lippy, of Westminster, Md., has been operating a shingle mill for Dr. Kalbach, which was run by the same engine that is used for the saw-mill, both mills running at the same time. Mr. Samuel Scierist and Mr. John Dyer hauled shingle cuts here, making in all about 70,000 shingles sawed, with those belonging to Dr. Kalbach and A. S. Winger.—Hancock Times.

Census enumerators will be furnished with badges by the government which are to be worn in a conspicuous place so as to be plainly seen and which will be their credential for gathering statistics. The badges will be made of pure German silver one and one-fourth inches wide by one and five-eighths inches long, shield-shaped, surmounted with an eagle and bearing the words "United States Census, 1900."

Lewis E. Shriver, of Union Mills, was in town recently for the purpose of securing the assistance of our citizens to procure an extension of the Free Rural Mail Delivery system into Adams County, so far as covering the old star route system from Westminster to Littlestown. It is needless to say that all our business men would be very much pleased to have an improvement in mail facilities, with Silver Run, Union Mills and Westminster.—Littlestown Jeffersonian.

Under the State Constitution the session of the Maryland General Assembly will come to an end at midnight on April 3. Consequently not more than eight working days remain, including two Saturdays. Although the end of the session is so near, the work of the lawmakers thus far has been decidedly disappointing, and from present indications it appears as if the Legislature of 1900 would go down in history as having done less than any similar body.

Gen. Thomas J. Shryock, chairman of the Republican State Central Committee has issued a call for that body to meet in Baltimore on Tuesday, April 3, to make arrangements for the Presidential campaign which is about to open. The committee will select a date for the primaries, for the election of delegates to a State convention, which is to elect delegates to the Republican National Convention, which meets at Philadelphia in June. It will also fix the date and places for holding the Congressional district conventions that are to nominate candidates for Congress to be voted upon next November.

Among the recent decisions of the Court of Appeals is one in the case of J. Alexander Preston, trustee, vs. Edward Claiborne, the construction of the will of Usher Claiborne is involved. The estate was left in trust. In 1859 Elizabeth Claiborne having died, the surviving trustee applied to the Circuit Court to decide whether or not the estate of Elizabeth ought to be distributed. The Court decrees that the estate should be distributed and directed the trustee to assign and transfer one-half thereof to each of the two surviving sisters. From this decree Preston, the trustee, has appealed. The Court of Appeals affirms the decree.

The Secretary of the United States Treasury issued in pamphlet form, for the use and guidance of all officers of internal revenue, the decision of Hon. Edward Stake, an associate judge of the Circuit Court of Maryland, in the case of Mrs. Laura K. Zeigler, who expected to the ratification of the sale of a certain piece of property on the ground that at the time the sale was made there was not a United States revenue stamp on a previous assignment of the property. Subsequently the proper stamp had been affixed, but Judge Stake held that "subsequent stamping has no retroactive effect in imparting validity." Hence, the exception was sustained. Judge Stake may now consider himself enlisted among the anti-stamps.

Church Notices.

The preaching in the Harney U. B. church, next Sunday, will be in the morning at 10 o'clock, and in Taneytown in the afternoon at 2:30 o'clock. A cordial invitation is given to all.

SPECIAL OFFER!

The Record had about decided not to make any more extra offers, especially considering the present high price of paper, but, as requests have reached us from several quarters for an introductory offer, we announce the following, to new subscribers:

1st.—The RECORD 4 months, 20 cents, or three subscriptions at one time, 50 cents.

2nd.—The RECORD 4 months, and the N. Y. Weekly TRIBUNE, one year, 45 cents for the two.

3rd.—The RECORD six months, and the N. Y. Tri-Weekly TRIBUNE 6 months, 90 cents for the two.

We prefer coin, instead of stamps. Small amounts may be sent by ordinary mail, with safety. Offers No. 1 and No. 2 good until April 1st; No. 3 good until May 1st.

THE CARROLL RECORD.

An Occultation of Saturn by the Moon.

(For the Record.)

A very interesting and rare phenomenon will take place early Saturday morning, March 24, when the planet Saturn will for sometime be hidden by the disc of the moon. It often happens that the moon, on its monthly journey around the earth, passes in front of one of the millions of fixed stars, but years pass by sometimes, before it hides one of the planets from view. In this instance the planet will disappear behind the disc of the moon at one o'clock and thirty-nine minutes in the morning and reappear at two o'clock and forty-six minutes, a. m., the moon being visible in the east.

RESOLUTIONS OF RESPECT.

WHEREAS, He has pleased the Almighty in His infinite wisdom to visit our Camp and call from our midst, our esteemed brother, Joseph O. Eckard, therefore in view of the loss sustained by those nearest and dearest to him, and

WHEREAS, the deceased has at all times during his association with us proved himself a true and patriotic son of America, therefore be it

Resolved, By Camp No. 2, Md., P. O. S. of A., That while we bow in humble submission to the Supreme Will, we nevertheless fully appreciate and very deeply regret the departure of our brother, and sincerely sympathize with the friends of our deceased brother in their sore distress.

Resolved, That in this death, our Camp has sustained a loss; a name has been taken from our roll that can never be replaced; a light has been extinguished; a gloom pervades our Camp room, therefore be it

Resolved, That we express our appreciation and sympathy to the friends of our deceased brother, and that we will endeavor to keep his memory before us, and that we will strive to be worthy of the name of the Camp and that we will strive to be worthy of the name of the Camp and that we will strive to be worthy of the name of the Camp.

TRIBUTE OF RESPECT.

Taneytown Lodge No. 36, Knights of Pythias, having adopted the undersigned as its pallbearers, to express their regret at the death of our brother, Joseph O. Eckard, we tender our sincere sympathy to his bereaved widow and other relatives.

Brother Eckard was a well known, upright and popular young man, whose high character and high esteem by all who knew him, by his removal the Lodge suffers the loss of a good member, and the community loses a useful citizen. He will be missed from his place of business by many who were attracted there by his kindly disposition and his genial good humor. Even during the last few months of his illness, when he was evidently suffering severely, it was noticeable to all, that he bore up manfully and even cheerfully under his affliction, always having a word to say to those with whom he came in contact. His death leaves a vacancy which will be hard to fill.

The Committee recommends that this tribute of respect be entered on the minutes of the Lodge, be published in the Carroll Record, and a copy sent to the family.

R. S. MCKINNEY,  
S. H. BLINKE,  
J. J. KIRK,  
Committee.

MARRIED.

LEMMON—BOWERS.—On March 21, 1900, by Rev. A. S. Hartman, Mr. William Lemmon to Miss Elsie M. Bowers.

DIED.

Obituaries, poetry and resolutions, charged at the rate of five cents per line. The regular death notices published free of charge.

GARDNER.—On March 22, 1900, near Emmitsburg, Mr. Wm. P. Gardner, aged 72 years.

HARNER.—On March 18, 1900, near Tyrone, Mrs. Elizabeth Harner, aged 72 years, 1 month and 15 days.

BOWMAN.—On March 19, 1900, near Middleburg, Mr. John D. Bowman, aged 88 years, 2 months and 7 days.

HAWK.—On March 17, 1900, near Taneytown, Roy Franklin Hawk, aged 9 years, 2 months, and 8 days.

Our home is sad and lonely;  
Every spot desolate and drear,  
As we listen for the voice of Roy,  
But they tell us he is here.

Oh! Roy, dear, how we miss you;  
Miss you more than hearts can tell,  
Every hour and day that passes  
Brings us nearer with you to dwell.

Friends may think we'll soon forget him,  
And our wounded hearts be healed;  
But they tell us the sorrow  
That's within our hearts concealed.

All his pains and griefs are over;  
Every restless tossing passed;  
He is now at peace forever;  
Safely home in heaven at last.

IN MEMORY

Of John O. Wilson who died one year ago, to-day, March 23rd, 1899.

Oh! John our many loved ones  
Lie silent close by where you lay;  
Many tears of sorrow have we shed to-day  
And every one still feels nearer to us.

By his Parents.

Green may the sod in thy grave grow,  
And bright may the flowers bloom;  
Our hands will nurse them with care  
And tears will fall where they grow.

By his Sister.

When the midnight moon is shining  
Upon your silent and lone grave;  
Oh! John our sad heart is weeping  
When we think you have gone to stay.

By his Brother.

IN LOVING REMEMBRANCE

Of our dear father, Samuel Angell, who died one year ago, March 23rd, 1899.

"Gone, but not forgotten."  
Sleep on, dear Father, with the best,  
For you who suffered, at now at rest,  
By his daughter,

FANNIE K. VALENTINE.

UNION BRIDGE FARMERS.

Proceedings of the last meeting of the Club.

The club met at "Loeust Shade," the residence of Jesse Smith near Linwood, March 15th, 1900. This conveniently located model farm, with good buildings in complete order and other evidences of intelligent husbandry, was a new place for our meetings. Owing to the inclemency of the weather, a very limited examination of the premises was made. Then came the announcement that dinner was awaiting when all repaired to the dining room, and freely participated in the enjoyment of the many good things spread before us.

After a dinner of which was organized. The president being absent, Henry Fuss was chosen to preside for the day. The members present were D. Rolfe and wife, R. Saylor and wife, H. Fuss and wife, Clarence Jones, W. Ebert and wife, W. S. Rinehart and wife, M. T. Haines and wife, A. Wolfe and sister Sarah, Isaac Saylor and wife, Clarence Jones, Jesse Smith and family, P. Wood and family.

The minutes of last meeting were read and approved. D. Wolfe reported having purchased two books for the use of the Club for \$1.75. He was reimbursed by the members "chipping" for a committee, being called upon for a report, Minnie Rinehart read from "The Ladies' World," "Courtship in the Home," commending the cultivation of more kindly feelings between husband and wife, and the circle that is generally maintained.

W. S. Rinehart read concerning full blooded cattle; they cost no more in feed than cross bred, in discussion the fact was brought out that the public sales, cows that have been registered brought very much more than ordinary stock. Jesse Smith read from "The New York Times," a new "Tree Agent Scheme," which runs so nearly parallel with a "scheme" practiced in this neighborhood, that it would be well for farmers here to be on the lookout for plausible schemes that promise too much.

In miscellaneous talks among the members, there was mentioned a plan drawn by W. Wolfe to Director Amos of the Farmers Institute, for increasing the quantity of butter and improving the quality of the milk of cows, by judicious feeding. The answer to this name has been summarized, by saying that the quantity might be changed by feed, but the quality of the milk seems limited to the individuality of the animal.

Other answers of interest were given, and among them it was said that in selling one ton of butter from the farm it pays to express it, fifty cents worth of fertilizing material in selling one ton of fat animals there is carried away about twelve dollars worth with this latter statement the conditions are modified by the return to the land of from 60 to 90 per cent. of the plant food, through the manure.

Before adjourning the Club deemed it proper to express their regret at the death of our brother, Joseph O. Eckard, and the following preamble and resolution were passed:

WHEREAS, the statistics of our country, and especially of our own State, show an alarming amount of illiteracy among the voting population, and

WHEREAS, the wise and patriotic statesmen have given a warning note of the danger to our free institutions from ignorance, and have urged the saving influence of education as the only remedy, therefore—

Resolved, That we give our unqualified support to the bill, believing that the great majority of intelligent people of the State approve it. Only those who love their country and themselves in New England newspapers, oppose it.

Committee "D," Solomon Shepherd, Albert Wolfe, Sarah Wolfe and sisters, were directed to report at next meeting. On motion adjourned to meet at Daniel Wolfe's, April 12, 1900, at 1 p. m.

P. WOOD, Sec'y.

The Ministerial Association.

(For the Record.)

The ministerial association of Taneytown met in the Manse, on Tuesday afternoon 13th, at 2 o'clock. Besides the towns members there were present Revs. Reinwald and Riddle, of Emmitsburg.

Rev. Dr. Bateman read a most interesting paper on "Jesus as a Preacher and Teacher."

First, he dwelt upon the qualifications of Jesus for His sacred office. These were a specific Divine call, righteous character, marvelous intellectual and inventive powers, and a thorough knowledge of human nature.

Second, His object, viz., "To save men." By quotations from scripture it was shown that Jesus availed himself of every legitimate method that would effect His purpose. He accommodated himself to the needs and understanding of his hearers.

Third, His text book was, besides the Old Testament Scriptures, daily life—what people said and did were suggestive of themes for instructive teaching.

The writer suggested that a study of Jesus' method was essential to a successful ministry. The paper was much enjoyed and led to a spirited discussion.

Half-cent Coin Proposed.

A well-defined movement is on foot, inaugurated by the proprietors of the big department stores, to have the Government issue a new coin of the denomination of a half cent. Signatures to a document setting forth the need of such a coin have been secured from prominent retail merchants of Philadelphia, and other cities have been actively interested. The bargains-seeker who delights in seeing things marked down, may eventually experience the delight of paying 75 cents for an article reduced from 8 cents. The merchant claims that in these days of keen competition, when large sales and small profits are the rule, some such plan is necessary. Several individual firms in Chicago have issued their own half-cent pieces, which, of course are only redeemable in their own establishments.

STATE FIRE MARSHAL.

The Office Entirely too Fat to be Abolished.

Annapolis, Md., March 21.—Mr. Buckley's bill to abolish the office of State Fire Marshal was reported unfavorably by the Committee on Insurance and Loans and Mr. Buckley, in support of a motion to substitute the bill for the report, made an eloquent appeal to the House in behalf of the measure. The office, he said, was an utterly useless one, involving, as it does, the expenditure of \$2,500 per annum of the money of the State without any adequate return. He defied anyone on the floor or elsewhere to point out a single thing in the record of the office or of its present holder to justify the continuance of the expenditure of the public funds.

Much had been said upon the floor of the House about the pledges of the Democratic party to bring about reformation, reform and economy, and the "Presiding Genius" of the House had taken the floor to protest against the expenditure of \$80 for printing the testimony in a contested election case, yet when a chance for real reformation like the present one came no voice was raised in its behalf. If there is any reason for the continuance of the office he would like to hear it advanced, and in the absence of such reason he appealed to the members of the House to support his motion and clear the way for the abolition of a useless office.

Mr. Biggs spoke in the same strain, alleging that the annual report of the Fire Marshal showed conclusively that there is no necessity for the office. Further than this, he alleged, the insurance people of the western portion of the state are almost a unit in favor of its abolition. Mr. Waters also spoke in support of the motion, asserting that if there was a bill on the files of the House which ought to pass it is the bill under discussion. The report of the Committee was adopted, 35 yeas to 30 nays.

Our April Expirations.

We have a considerable number of subscriptions which will expire April 1st, chiefly on account of a recent special offer. Of course, we desire the continuation of all these subscriptions and shall continue them unless notified to the contrary; still, we do not desire to do this, except with the consent of those who have thus had the RECORD on trial, and take this method of calling their attention to the matter. A postal card will stop the subscription, but we trust that a remittance will be made, instead. The improvements which we shall make within a few months will greatly increase the popularity of our paper.

Orphans' Court Proceedings.

MONDAY, March 19th., 1900.—William Roll executor of Andrew F. Roll, returned inventory of personal property and received order to notify creditors.

Frank Brown executor of Mary R. Brown, received order to transfer stock.

Letters of administration upon the estate of Joseph O. Eckard granted unto Eva B. Eckard and Franklin H. Seiss.

Letters of administration upon the estate of Howard L. Wiest, granted unto Peter M. Wiest who received order to notify creditors.

William B. Wheeler and Jacob B. Lynard, executors of John W. Boring received orders to sell personal property and real estate.

Letters of administration upon the estate of William U. Lambert granted unto Charles A. Marquart.

Mary S. Crebbs and Sylvester Crebbs administrators of William Crouse, settled first and final account.

Mary S. Crebbs and Sylvester Crebbs administrators of Elizabeth C. Crouse, settled first and final account.

Penelope Snyder and Amos W. Wilson, executors of Joseph Wilson reported additional sale of wheat and settled first account.

TUESDAY, March 20th., 1900.—Field ratification of the sale of the real estate of John S. Repp, deceased.

Real ratification of the sale of the real estate of David Miller, deceased.

Margaret W. Hoffman and Samuel Wolfe executors of Samuel Hoffman returned inventories of personal property, debts and money and received orders to sell personal property and real estate.

William Heltsabroff, administrator W. A. of John Dayhoff, reported sale of personal property.

Eva B. Eckard and Franklin H. Seiss, administrators of Joseph O. Eckard, returned inventories of personal property, debts and money and received orders to sell personal property and to notify creditors.

Charles A. Marquart administrator of William U. Lambert returned inventory of personal property and received orders to sell personal property and to notify creditors.

John T. Farver, executor of Thomas Richardson reported sale of real estate.

Wiegler-Trostle.

(For the Record.)

A very quiet wedding was solemnized at the home of the bride's mother, March 15th, the contracting parties being Miss Fennie E. Trostle, youngest daughter of Mrs. Elizabeth Trostle, of near Round Top, Pa., and Mr. John N. Wiegler, of New Windsor, Carroll Co., Md. The ceremony was performed by Elder C. L. Pfouts, uncle of the bride. Mr. and Mrs. Wiegler will reside at Gravel Spring Mill, Carroll Co., Md.

VALUABLE INFORMATION.

For Dairymen and Farmers from Prof. Patterson.

The following questions, from Daniel Wolfe, of the Union Bridge Farmers' Club, and their answers, from Prof. H. J. Patterson of the Maryland Agricultural Experiment Station, will be of value and interest to many of our readers:

(1.) Will a preponderance of carbohydrates fed to a cow increase the butter product in milk?

(2.) Will an increase of both protein and carbohydrate improve the quality of milk?

(3.) How many pounds of a good balanced ration fed under favorable circumstances will be required to make one pound of pork or beef?

(4.) In a good balanced ration are not both nitrogenous and non-nitrogenous feeds better digested than when there is a preponderance of either one?

(5.) In selling butter and fat animals of the farm is there much fertilizer lost to the farm?

(6.) Does not the growth of the crop indicate in a good degree the presence or absence of the particular ingredient needed?

With reference to the first question as to whether the proportion of carbohydrates fed to a cow increases the butter product, would say that, generally speaking, a ration which has a preponderance of carbohydrates will have a tendency to make a cow on fat at the expense of milk and butter production.

The percentage of butter-fat in the cow's milk belongs to the individuality of the cow and by proper feeding you can increase the yield of milk but cannot materially change the percentage of butter-fat. In other words the cow will vary more in the percent of butter-fat which the milk contains which she gives from day to day when the ration is changed than the butter-fat will vary with the change of feed.

The above statement will also answer your second question as to whether an increase of both protein and Carbo-hydrates will improve the quality of the milk. A properly balanced ration of protein and carbohydrate will give the maximum yield of milk from the cow but will not materially change the quality of the milk. By good feeding of the cow through a series of years a poor cow which has been poorly kept can have her whole individuality changed and become a cow giving both more and better quality of milk, but this will require a number of years. As to the question of fertilizer lost to the farm, the quantity of well balanced ration required for the production of one pound of pork or beef, we find that this will vary considerably with the age of the animal. With young animals it will require less than with old ones. With pigs from four to eight months old it will generally require three or four pounds of feed to produce one pound of pork. With a two or three year old steer it will require from five to seven pounds of feed to make one pound of beef. In a properly balanced ration there is no doubt but that both Nitrogenous and non Nitrogenous feeds are better digested than when there is a preponderance of either one, while in some cases experiments showed but little variation as to their digestibility yet the assimilation will vary greatly and I think will materially contribute toward better assimilation which is really the important feature since we get returns from the feed consumed through the assimilation of it after digestion.

Some of the points which you ask information on are more fully explained in Bulletin No. 6 of this Station, and Bulletin No. 10, which are copies of which we send you under separate cover by this mail, than it is possible for me to give within the bounds of a letter.

To a careful observer, plants, in a measure, will indicate the deficiency of plant food in the soil; but of course this is not always the case and cannot be always depended upon. Yellowish plants will generally indicate the lack of nitrogen, but it may also indicate that the soil is not properly drained and that there is too much water. The proper physical condition for the proper development of the plant, the rank growth of the plant, with plump grains and weak stalk would indicate a need for potash. Failure to fill well would indicate the need for both phosphoric acid and potash, particularly a lack of phosphates. Potash has a marked effect in stiffening the stalks.

It is often the case that one class of plants will show need for plant food more marked than other classes, and it is these crops that should be used in making soil tests. There is no royal road to getting the exact information which you wish to wit, that a few feet of your land requires but this can be most intelligently done by each farmer for himself by using some nitrogen, phosphoric acid, and potash separately on small pieces of land a few feet square or a drill-breadth across the field, and comparing this to equal areas to which nothing has been applied. Very often it would be necessary to weigh the product as a simple inspection would show the difference. Of course weighing the product would be much more accurate and desirable.

In selling one ton of butter from the farm it carries away only fifty cents worth of fertilizing material, in selling one ton of fat animals there is carried away about twelve dollars worth of fertilizing material; but, in connection with other animals, this question had better be considered from another standpoint, and that is that we return to our farm, through the manure, from sixty to ninety per cent of the plant foods contained in the feeds which are consumed. The amount returned is least with young and growing animals and greatest with those animals that are simply laying on fat.

Kump.

Jacob Spangler had two of his fingers badly hurt, while loading stone.

Mrs. P. M. West, who has been sick for the past week, is much improved.

Edward Adelsperger who has been with his brother-in-law, George Knox has gone to Gettysburg, where he has accepted a position.

The sale of Edward Flickinger, yesterday, was largely attended, and reports are that he had a good sale.

Mrs. Peter Shirner, who has been sick for some weeks, is able to be out again.

Mrs. Daniel Bittinger, of Hanover, Pa., and Miss Vertie Mayers, of Littlestown,











