ELLIS L. ORVIS,

OFFICE opposite the Court House, on the 2d floor, A. O Farst's suiding.

FRANK FIELDING,

W. A. MORRISON,

A LEXANDER & BOWER,
ATTORNEYS AT LAW,
Bellefonte, Pa., may be consulted in English or Ger
man. Office in darman's Building.

BEAVER & GEPHART,

Office on Allegheny street, north of High Belle

D. F. FORTNEY,
ATTORNEY-AT-LAW,
BELLEFONTE, PA
Last door to the left in the Court House

2-

JOHN BLAIR LINN,
AFTORNEY AT LAW,
BELLEFONTE, PA
Office Allegheny Street, over Pole Office.
21-19

J. L. SPANGLER, BELLEFONTE, CENTRE COUNTY, PA.
Special attention to Collections; practices in all the
Courts; Consultations in German or E glish. 1-ly

D.S. KELLER,
Office on Allegheny Street South side of Lyon's
store, Bellefonte, Pn.

T. B. MURRAT.

MURRAY. & GORDON,
ATTORNEYS-AT-LAW,
CLEARFIELD PA.

Will attend the Bellefonte Courts when specially
employed.

T. C. HIPPLE, ATTORNEY-AT-LAW. LOCK HAVEN, PA. All business promptly attended to. WM. P. MITCHELL,
PRACTICAL SURVEYOR,
LOCK HAVEN, PA.,
Will attend to all work in Clearfield, Centre and

Clinton counties.
Office opposite Lock Haven National Bank. 20-1y

V. C. HEINLE,
ATTORNEY AT LAW,
Office in Conrast House, Allegh-my street,
Special attention given to the collection of claims.
All business attended to promptly.

WILLIAM McCULLOUGH, ATTORNEY-AT LAW,
CLEARFIELD, PA
All business promptly attended to. 1-1y

Miscellaneous.



GREEN'S Liver Pills.

ound each bex Price, No 1, 25 cts.; No. 2, 50 cts. Manufacture ily by

F. POTTS GREEN

1831 THE CULTIVATOR 1881 COUNTRY GENTLEMAN.

THE BEST OF THE AGRICULTURAL WEEKLIES.
THE COUNTRY GENTLEMAN IS UNSUR PASSED, if not UNEQUALLED for the amount and variety of PRACTICAL ENFORMATION It contains and for the ability and extent of its CORRESPONDENCE—in Three Chief Directions of

WARM CROSS AND PROCESSES.
HORFICULTURE AND PRUTT-GROWING.
LIVE STOCK AND DAIRYING—
while it also includes oil minor departments of rural
interest, such as the Poultry Vard, Entomologs, Bee
Keeping, Greenhoutes and Grapery, Veterlary Replies,
Farm Questions and Answers, Freside Reading, Domostle Eo nomy, and a summary of the News of the
Week. Its MARKER RESET are unusually complete,
and more information can be gathered from its colnums than trom any other source with regard to the
Prospects of the Crops, as throwing light upon one of
the most important of all questions—Wars To Bert
And Wirst To Sell. It is tilesally life-traited, and
constitutes to a greater degree than any of its contemporaries A LIVE
AGRICULTIVAL NEWSDADED

AGRICULTURAL NEWSPAPER

of never-failing interest both to Producers and Con-umers of every class.

THE COUNTRY GENTLEMAN is published WEERLY on The COUNTY LEAVE AND IN PRODUCTION WEEKE ON The following te ms, when paid strictly in advance: Oss Corv. on year \$2.00; F-ym Corpos, \$10. and an additional copy for the year few to the sender of Club; Tax Corpos, 20, and an additional copy for to year free to the sender of the Club.

**Experiment Copies of the Paper free. Address

LUTHER TUCKER & SON, Publishers
ALBANY, N. Y. 39-34

1880-1.

The Patriot, Daily & Weekly, For the Ensuing Year.

The subscription price of the WE RLY PATRIOT has been r-duced to \$1.00 per copy per summ.

To clubs of FIFTY and upwards the WERRLY PATRIOT will be furnalled at the extraordinarily chesp rate of 75 cents per copy oer annum.

The Data Patriot will be sent to any soldress, during the sessions of Congress and the Logishture at the r-te-of-o-cents per month.

Under the act of Congress its publisher prepays the pestage and subscribers are relieved from that expense.

Every suiscription must be accompanied by the Now is the time to subscribe. The approaching assiston of Congress and the Legislature will be of more than ordinary interest and their proceedings will be tully reported for the Dally and a complete synopsis of them will be given in the Weekly.

Wilson, McFarlane & Co., Hardware Dealers.

HARDWARE

WILSON, McFARLANE & CO. DEALERS IN

STOVES, RANGES HEATERS.

Paints, Oils, Glass and Varnishes,

BUILDERS' HARDWARE ALLEGUENY STREET, HUMES' BLOCK, . . . BELLEFONTE, PA.

onation of Hops, Buchu, Man-and Dandelion, with all the best and ra tive properties of all other litters, the greatest Blood Purifier, Liver a tor, and Life and licalth hestoring

an possibly long exist where Hop us ed, so varied and perfect are their

They give new H fo and vigor to the aged and infirm.

MORNIA SHERARD SEO

Enttle Creek, Michigan,

THRESHERS,

Traction and Plain Engines and Horse-Powers.

Most Complete Thresher Factory Established in the World.

2 YEARS of continuous and encourful burk. As years, without channer of name, management, or location, to "book up" the broad sarranty of need not goods.

TEAM - POWER SEPARATORS and supplete Steam Outlits of matching qualities, seen in the American market, multitude of special features and improvements [38], toother with superior qualities is constructed and outcomes not drawned of by other makers, and subsection the construction of the

Four sizes of seem or horse power.

Two styles of "Mounted" Horse-Powers.

Thou styles of "Mounted" Horse-Powers of dried of the power of dried of the power of dried of the power of the p

TRACTION ENGINES

Farmers and Threahermen are toyled to

MONEY To Loan at 6 per Ct.

and KOPE" at

D.1.C.11 AT

TRAVELER'S GUIDE.

BELLEFONTE & SNOW SHOE 1881: Leaves Snow Shoe 5:36 A. M., arrives in Bellefonte 24 A. M. Leaves Bellefonte 9:12 A. M., arrives at Snow Shoe

Fowler

Fowler

Hannah

Fort Matilda

Martha

Julian

Unionville

Snow Shoe In

Milesburg

Gurtin

Mount Eagle

Howard

Eagleville

Howard

Eagleville

Howard

Eagleville

Flemington

Lock Haven

PENNSYLVANIA RAILROAD

—(Philadelphia and Erie I after December 12, 1877: W ESTWARD. ERIE MAIL leaves Philadelphia. " Harrisburg. " Williamsport... Lock Haven... " Renovo...... PACIFIC EXPRESS leaves Lock Haven...... Williamsport....

" Williamsport 12 40 a in arrives at Harrisburg 410 pm " Philadelphia 720 pm ERIF MAIL leaves Renovo. 8 25 pm " Williamsport 11 65 pm " Buck Haven. 9 45 pm " Williamsport 11 65 pm arrives at Harrisburg 2 40 a in Philadelphia 12 15 a in arrives at Harrisburg 3 58 a m " Philadelphia 13 58 a m " Philadelphia 13 58 a m " Philadelphia 14 58 a m Frie Mail West, Niagara Express West, Lock Haven Accommodation West and Day Express East, make close connections at Northumberland with L & B. R. trains for Wilkesbarre and Scrauton. Reie Mail West, Niagara Express West, and Eric Express West, and Lock Haven Accommodation West, make close connection at Williamsport with N. C. R. W. trains north.

Erie Mail West, Nagara Express West, and Days Express East, make close connection at Lock Have With B. E. V. R. R. treins. Erie Mail East and West connect at Erie with traine in L. S. & M. S. R. R. at Corry with O. C. & A. V. R. R., at Venprium with B. N. V. & P. R. R., and sa Driftwood with A. V. R. R. Parior car will run between Philadelphia and Williamsport on Niagara Express West, Erie Express West, Philadelphia Express East, and Day Express East, and Sunday Express East. Sleeping cars on all night trains.

W. M. A. Baldwin, Gen'l Superintendent.

GIRARD HOUSE,
CORNER CHESTAUT AND NINTH STREETS,
FRILABELPILS.
This house prominent in a city famed for its comcertable bottle, is kept in every respect equal to any
first-class hottle in the country. Owing to the strengency of the times, the price of board has been reduced
to THERE BOLLARS per day.
J. M'KIBRIN,
J. J. C. L. C. Wanneger

GILMORE & CO.,
LAW AND COLLECTION HOUSE,
6:29 F STREET.
Make Collections, Negotiate Lemis and attend to sil
business confided to them. LAND SCRIP, Soldier's
Additional Homestead Rights and LAND WARRANTS
bought and wid.

The Centre Democrat.

BELLEFONTE, PA

AGRICULTURAL. NEWS, FACTS AND SUGGESTIONS

scovers something of value. Write it and will generally suffice to indicate in which of the "Agricultural Editor of the DEMOCRAT, Bellefonte, Penn'a," that other farmers may have the benefit of it. Let summunications be timely, and be sure that they are brief and well pointed.

Will generally suffice to indicate in which of these forms the nitrogen is present and thus serve as a guide in communications be timely, and be sure that they are brief and well pointed.

A word as to the valuation of the

Analyses of Fertilizers

The manufacture and sale of commercial fertilizers afford so good an opportunity for adulteration and fraud, that it has been thought wise in many of the States, our own among the number, to re-protect those who buy and use them, and remove temptation from those who make and deal in them, by ensetments requiring that each package offered for sale shall have plainly printed thereon a analyses is, of course, to protect the for, but it may also be of great use as an aid in comparing the different brands, and determining which one of the many is best adapted to the wants of his particular soil and crop. In order to belp the average farmer to a better understanding of this use of the analyses, Prof. N. W. LORD, chemist for the State Board of Agriculture of Ohio, has prepared a brief explanation which Secretary monthly crop report just issued by the Board. The use of this class of fertilizer is growing very rapidly in the subject are very similar to those of Ohio, and the measures sold in both States under their laws are the same we take the liberty of transferring to our columns, Prof. Lord's article entire :

The fertilizer analyses published in these reports need a few words of explanation to render them more

ully serviceable to the farmers. The object of the State law, in compliance with which the analyses were made, is the protection of those who use and buy fertilizers, against fraud on the part of the manufacturer or dealer, and not the comparison of the different brands sold in the State as to actual fertilizing value to the farmer in this or that locality. That this object may be attained with as little expense as possible, the determinations made in each case fre of only the fertilizing materials winned to be present in the article, and provided these (phosphoric acid, nitro-gen, potassa), are present in the amounts claimed by the dealer, the law is satisfied.

Now, that these analyses may also furnish to the farmer the means of comparing the different brands so as MONEY TO LOAN ATG PET UL.

ANCE CO. OF NEW YORK, on first mortgage, or improved farm property, in sums not less than \$2,000 and not exceeding one-third of the present value of the property. Any portion of the principal can be justed off at any time, and it has been the custom of the company to permit the privelpal to remain as long ache borrower wishes, if the interest is promptly paid Apply to

CHARLES P. SHERMAN, Attorney-at-law, 527 Court, street, Reading, Fa., or to DAVID Z. RLINE, Co.'s Appraiser, 2-tf to select the one most useful for him. more than the mere contents in the several ingredients must be considered, namely the nature of the combination in which they occur, the mechanical state of the preparation, and in connection with both of these, the kind of soil on which the fertilzer is to be used.

determined to a considerable extent by careful examination of the fertilizer, by the eye alone, or aided by a hand glass, and by sifting through a moderately fine seive.

The following points have to be

Fineness. Fine "ground bone" is more rapidly disintegrated in the soil and hence assimilated by the plants than coarse, and as between two samples of "bone meal" showing about the same analysis, the finer is the more valuable, that is, the one containing the greatest proportion of fine bone, and as a rule, the finer the state equal, the more rapidly it can be rendered available. Again, as to state of combination, the "insoluble" phosphorie acid of bones is much more valuable than that of the so called "phosphate rocks," hence where superphosphates are prepared from bones, the "insoluble" acid must be considered a much more important

found in hardly any of the fertilizers nitrogen in organic matters; now, this organic nitrogen in bones, blood, meat, etc., is readily converted into ammonia and is hence an extremely valuable component of fertilizers, but nitrogen in hair and leather is not nearly so available and hence is not so valuable, unless the materials are very finely ground, or in some other way made more easily decomposable. Careful examination of a fertilizer

fertilizers given in the reports. These represent not always the actual value, to the farmer in any given locality, but the sum of the commercial values of the several ingredients shown by the analysis to be present in the sample, or in other words, what the same amount of fertilizing elements would cost taking the usual value of such articles bought in the crude state in which they are found in fertilizers, and in the long run the agricultural value will regulate, and hence fairly

compare with the commercial value. Taking then the above points into consideration and combining with the knowledge of the analysis a careful chemical analyses of its contents. examination of the fertilizer, the The prime object of this published farmer is prepared to judge what is the best article for the money at the farmer from fraud, by enabling him to know that he gets what he pays acter and wants of his soil and crop, these can be learned only by careful and intelligent study. The u-e of fertilizers must be to supply the ingredients needed by the soil, and this the analyses enables any one to do

intelligently. A word as to the "Soluble and Reverted Phosphoric acid" of the analy-This refers to the phosphoric acid which is soluble in water, and also to the further amount which is soluble in a strong solution of Citrate of Ammonium, this solvent having Chamberlain embodies in the current the power of dissolving such phosphate as has, by standing, been con-verted to a slightly less soluble form than that dissolved by water, this is on most soils nearly as valuable as our county, and as our laws upon that which is freely dissolved by water, and hence in the State Board reports is classified with such, as immediately available phosphoric acid.

One word further as to the scope of the State law. From what has pre-ceded it is clear that the law is not intended to select fertilizers for the farmers, which it certainly should not do, but to guarantee them against fraud, to prevent adulteration, by requiring any brand of fertilizer to contain just what it claims to contain, so that no manufacturer or dealer shall make a compound, advertise it as containing such and such per-centages of valuable material, and then when the animal is left standing out sell it mixed with earth or moisture enough to reduce the value below his claims. All the analyses are made on the sample as it is found in trade, not dried. This is important, be-his overcoat in-doors and taking it cause water can be introduced to off when he goes out in the open air. some extent by exposure to damp or other sise, without any apparent intention to defraud. However to the consumer it makes little difference, whether he pays for useless dirt or uscless water, in either case he gets less actual fertilizer than the weight shows should be present, and buys an

analses would reveal. I have written this brief note at the suggestion of the Secretary of the State Board in order to show the understanding with which the analyses were made and to perhaps make their use a little more directly evident to the farmers buying fertilizers.

adulterated article-so that moisture

is one of the adulterants which the

How They Make Pork and Figures in Indiana.

From the "Agricultural Columns" of one of our Ex-

A farmer near Peru, Miami county, Ind., increased the weight of fifty hogs 4000 pounds in thirty days by considered in comparing the fertil-izers in this way:

actual weight, realizing \$1 per bushel on 268 bushels of corn which they consumed in that time. The gain was eighty pounds per day, while the consumption of corn was 8.9 bushels per day, which would be nine pounds of pork for every bushel of corn consumed.

Some one has said that "figures will not lie!" If he should happen of any fertilizer, all things being to read the above paragraph we are sure he will recall the rash assertion.

Ashes as a Fertilizer.

the constituents of plant food that the ordinary or worn out soil needs, except nitrogen. By their chemical action, they render much of the inert nitrogen in soils available, and in item than where prepared from South Carolina or other phosphate rock.

The polasse referred to in the analyses is that in forms which are soluble in water and hence is about equally valuable where ever it appears in an analysis, no matter what may be the state of the fertilizer as fineness.

NEARLY half a Century old, from South Nethology to be the state of the fertilizer as in Pennsylvania have gredulated of reducing a fineness.

Ammonia is another ingredient which water standard of reducing its famous about 250s.

Aldress, Address, Ashers of MERCY, PA.

Opposite Court House, Ball, EFONTE, PA.

TERMS \$1.25 PER DAY.

A good Livery attached.

TERMS \$1.25 PER DAY.

A good Livery attached.

Item than where prepared from South Carolina or other phosphate rock.

The polasse referred to in the analyses and to furnish nitrogen. This is true of lime, and on this power of making nitrogen available, the greatest value of lime, when applied as a fertilizer, depends.

Ashes also have a good mechanical effect upon the soil, especially heavy of lays oils, which are made lighter and more porous, so that air and more porous so that air and more porous so that air and more porous so that air and more po item than where prepared from South

IT is beneficial to pigs while being anal, zed; in most cases it occurs as fed corn or other heavy food to fatten them, to give them a change every day from stimulating food. They will be found to relish raw pumpkins, apples or roots. If their appetites begin to flag, it is best to increase the quantity of these lighter foods, and to reduce the amount of Fruit and vegetables are cooling to the blood and help digestion. Pigs will fatten faster with less grain and a feeding of these than on all grain, or at least they will make more healthful meat. We don't like for our table a pig, which has been stuffed to the verge of founder on clear corn. The feeding place of such pigs may be discerned afar off. -Cal. Curtis in Rural New Yorker.

> THE Philadelphia (Pa.) North American, in a recent editorial says: "The granges of this State are dis playing an amount of vitality which indicates that they have lately been working more steadily, if with less flourish of trumpets, than during the heyday of their early incorporation. There are many features in the organization of the Patrons of Husbandry which are highly commendable, not the least of which is the broad and liberal plank which recognizes in woman the true helpmeet and con-sequent equal of man."

THERE is less excuse for feeding a good milch cow stingily than any other farm animal. She does not ask any credit; she makes prompt daily payment; and her product is a cash article. If he has not the food at hand, prudence and good judgment, as well as humanity, requires him to furnish her full rations at all times, without regard to a favorable or an unfavorable season. We always counsel dairymen to make an earnest effort to produce all the food for their herds upon their own farms, but the first principle of profitable dairying requires that they give abundant food to keep up an even flow of milk, whether they produce or purchase the food .- National Live-Stock Journal, Chicago.

THERE is a great deal more variation in the quality of stable manure than is commonly supposed. The success of farmers who fatten stock during the winter is mainly due to the facts that they feed rich concentrated food, and that fattening animals utilize mainly the carbonaceous portions of the food which are of little value for the manure pile. In this way the phosphates and nitrogen in the food go to the fields in probably more available forms than they can be got in commercial manures.

STABLES should be warm enough so that horses may be comfortable without blankets; then the blankets will do good service as coverings in the street. The practice of covering a horse with a blanket in the stable, to be removed as soon as he is taken out, is like a man wearing his overcoat in-doors and taking it

In fattening the old cow, get all the milk out of her at the same time that you can. The milk will be rich and ought to pay for the feed, without much interfering with the fattening process. It will take a little longer to get her ready for the knife, but not a great deal .- Farm Journal.

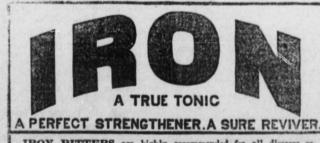
I know of scores of fine poultry houses which have been equipped by "taste," with gables, and partitions, and feeding troughs and hospitals, and the best birds, and bet some smart old lady near by with her old flour-barrels on "the flats," and her condemned bushel baskets hung to a beam, will have eclipsed the man of taste utterly in her tale of profits.

I can make more pork with clean shelled corn soaked 12 hours in pure spring water, than I can with new, soft corn. I will keep my pigs in better condition, and my feeding floors and pastures will not be covered with cobs. The waste in feeding new corn is greater than the cost of shelling the old .- Cor. Ohio Farmer.

TO CLEAN MILK STRAINERS .- Fine wire milk-pail strainers that become stopped up may be readily cleaned by rubbing with a damp cloth dipped into baking soda.-Rural New Yorker.

No farmer should be satisfied unless he can yearly increase the productive capacity of his land. The more of his profits he can fund in this permanent form of investment the greater will be his gains for Unleached wood ashes contain all years to come.

> THE entire corn crop of Mr. F. A. Barlow, Norton county, Kan, raised at a cost of \$55, was shipped as a present to Father Clarkson, of Iowa. It consisted of "a small and shrivell-ed nubbin weighing three and a half



IRON BITTERS are highly recommended for all diseases requiring a certain and efficient tonic; especially Indigestion, Dyspepsia, Intermittent Fevers, Want of Appetite, Loss of Strength, Lack of Energy, etc. Enriches the blood, strengthens the muscles, and gives new life to the nerves. They act like a charm on the digestive organs, removing all dyspeptic symptoms, such as Tusting the Food, Belching, Heat in the Stomach, Heartburn, etc. The only Iron Preparation that will not blacken the teeth or give headache. Sold by all druggists. Write for the A B C Book, 32 pp. of useful and amusing reading—sent free.

BROWN CHEMICAL CO., Baltimore, Md. BROWN CHEMICAL CO., Baltimore, Md.

HALBERT E. PAINE, Late Commissioner of Patenta BENJ. F. GRAFTON. STOR

STORY B. LADD PATENTS.

PAINE, GRAFTON & LADD, Attorneys at-Law and Solicitors of American and Foreign Patents,

412 FIFTH STREET, WASHINGTON, D. C. \$5 to \$20 per day at home. Samples worth \$5 Office, and the Supreme and Circuit Court of the Patent Opposite Court Portland, Maine.

Procling policy as in all its branches in the Patent Opposite Court of the Supreme and Circuit Courts of the United States. Pamplet send free.