

## AGRICULTURE.

### MAXIMS FOR FARMERS.

The following maxims, from the *Canada Agriculturalist*, are copied, with high commendation, by the agricultural press:

1. Never get in debt when you can not see your way out again; when your owe, pay as fast as you can, and promptly.

2. Never enlarge your farm when half of what you now own is not cultivated.

3. If you own more land than you can till well, and in debt, or need funds to make necessary improvements, sell part of your farm and use the money to pay your debts and make your improvements.

4. Never borrow money to build a showy house, when a less pretentious one would answer better, and never lend money when you have undrained or poorly tilled land to improve.

5. Lay out a system of improvements for your farm and buildings, and, as your means permit, carry these plans out.

6. Do not enter upon speculation with other people's money, or your own, unless you see clearly that you will make profits, and even then do not do it to the neglect of your farming.

7. Do not mortgage your farm for money to buy goods; very few men can enter the mercantile business without training for it, and not become bankrupt.

8. Do not buy fancy stock and pay fabulous prices, on the spur of the moment, or without knowing why you want it, and how you are to make the investment profitable.

9. Do not keep poor stock when you can keep good at the same expense, and with four times the profit.

10. Do not change your kind of farming because what you raise this year is low priced, for that which is high; ten chances to one your crop will be up next year, and that which is up now will then be down.

11. Do not try to grow those crops for which your farm is not well adapted.

12. If you have a good location do not sell out expecting to better it, because you are offered a good price.

13. Do not change farms often, for by so doing you can carry out no definite system of improvement.

14. Do not begin to improve till you have a general plan of what you wish to do; to do so would be like commencing to get out timbers for a house before you know its length and breadth.

15. Unless your crops are good ones, sow less and plow better.

16. Be present with your hands as much as possible, otherwise little work will be done, and that poorly. No business requires the master's oversight more than farming.

17. Cultivate a little well rather than much poorly. Who does not remember the story of a farmer who had two daughters? When the first one married he gave her one-third of his vineyard, and yet he had as many grapes as formerly; when the second married, she took half the remainder for her portion, and yet the yield of the father's share was not lessened.

18. Keep ahead of your work, or your work will keep ahead of you.

19. Resolve that your farm shall be a profitable one, if industry and good management will make it so.

20. Invest your surplus earnings in making such improvements as will add to the profit, appearance, and convenience of your farm.

21. When you make experiments, see that you keep within the laws of nature. These are the farmer's helps; make such experiments as appear to be reasonable, no matter what your neighbors say.

22. Be kind to those you employ, and to all the animals you work.

23. Sell your produce when prices are high, and if you do not need the money keep it when they are very low, unless it is certain they will remain so.

24. Make yourself thoroughly acquainted with the principles of agriculture, and be guided by them.

25. Perform all labor at the right season.

26. Do all jobs in the best manner.

27. When you begin one piece of work, finish it before you commence another.

28. Do not leave work half done expecting to finish it next year; finish as you go.

29. Take care of your tools when you get through using them, and do not work with poor ones when you can afford good ones.

30. Do not buy old wagons, harnesses, plows, &c., at auction, because you can get them cheap. Better expend the money for books, travel, or some needed improvement.

31. Do not keep more stock on your farm than you have plenty of pasture for.

32. If at forty-five you have a fair portion, do not work with your muscles so hard as formerly, but save the afternoon of each day for mental and social improvement.

33. Give your children a good education, physically, intellectually, morally, and socially.

34. Take an interest in all improvements that have a bearing on agriculture.

35. Use machinery and horse power, where possible, instead of your own muscles.

36. In all you do, endeavor to get hold of the long end of the lever, instead of the short one, if you would work to advantage.

**THE TRUE CAUSE OF THE POTATO ROT.**

After so much has been said and written, and so many theories started, (only to be again exploded by stubborn facts), as to the mysterious potato disease, it has at length become the good fortune of certain pains-taking, patient German botanists, to discover that the true and only cause of disease is the presence of a parasite fungus on the leaf. Dr. De Bary, Kuhn, and others have learned, by the closest attention to the potato plant, that there are no diseased potatoes where this fungus does not first attack and destroy the leaves; and also that this parasite, when leaved there, is very rapidly developed if the weather is warm and showery; then the fungus not only spreads and matures, but its spores are washed down into the tubers, always infecting those first which lie near the surface of the hill, and in the end, if the warm, wet weather continues, the others are also diseased.

Prof. Johnson, of Yale College, in a letter to the *Country Gentleman*, fully indorses this fungus theory, as promulgated by the German botanists. He says:—"Beyond all reasonable doubt, it is proved that the potato never rots without the fungus, and that it always rots with it. Plasting the fungus on a second potato, develops the disease. Shielding the potato from the fungus prevents the disease. The rot starts where the fungus begins to grow. Each microscopic cell of the tuber becomes discolored and rotten, when, and only when, the fungus issues its branches into it, or into its immediate neighborhood. Constitution, tuber, propagation, aphides, salt, manures have nothing to do with the disease, except as they favor or destroy the fungus." Again—"These investigators have not merely looked at the blighted leaves and seen the fungus there but have watched the fungus, as it rapidly sends out its branches into the still healthy portions of the tuber, which it literally devours—appropriating the juices to its own nourishment, and leaving behind a disorganized and decayed mass, the track of its desolation. It is easy to see with the naked eye that the fungus travels over the potato leaf before the blight. If the observer carefully regards one of the brown, blighted spots, when the disease is spreading, he will see that its borders are extending over the still green leaf, in a forest of tiny mold plants, which cover the leaf with a greenish down. This is the true potato fungus, the *Peronospora infestans*, as it is now botanically designated."

To avoid the potato disease, it is advised that a piece of ground be selected for growing sound seed potatoes, and no seed should be planted that have ever been mixed with dis-

eased potatoes. If fungus appears on the leaves, they must be immediately removed, so that the spores cannot be washed down to tubers in the hills. By all means, farmers should plant early, so as to have the potatoes ripen, if possible, before the warm September rains aid in ripening and developing the fungus. By being careful to plant only the healthiest tubers, and on land where no diseased potatoes have been grown, it is supposed that the potato fungus, like the smut in wheat, may soon be run out.

### For Sale & To Rent.

#### VALUABLE IRON PROPERTY FOR SALE.

SALE—MATILDA FURNACE AND ORE BANKS. This property is situated on the Juniata river, in Mifflin and Huntingdon counties, Pa., within one mile of Mount Union Station, on Pennsylvania railroad. The Juniata and Pennsylvania railroads pass through the property. It embraces about Twenty-seven Hundred Acres of land, about three hundred acres of which is good farm land, in a high state of cultivation; the balance is good timber land, would supply sufficient charcoal for the furnaces. The improvements are good substantial buildings, including a large mill, and a large engine house, with all the necessary buildings. There is on the property an extensive bed of iron ore, being identical with the geological series, with that at Danville and Bloomsburg. This ore can be mined and smelted in the furnace for about one dollar per ton. Limestone in abundance, of good quality, on this property. The extensive fields of the Juniata and Pennsylvania railroads are from forty to fifty miles distant, by Pennsylvania railroad or canal, and the canal running through the property, make it one of the best locations for the manufacture of iron, either with coke or anthracite. In addition to the charcoal, the buildings for the furnace and farm are ample, substantial, and in good repair. The property will be sold at a bargain, and on easy terms. For further particulars address:

WASHINGTON RIGTER, Goldensville, Lancaster county, Pa. For quantity and quality of the ore see Prof. Leslie's report on same. jeh24-1m

#### VALUABLE PROPERTY AT PUBLIC SALE.

In pursuance of the last will and testament of JOHN SELE, deceased, will be exposed to Public Sale on Saturday, the 13th day of June, 1863,

At the Court House, in the city of Harrisburg, at two o'clock p. m., a valuable TRACT OF LAND, situated in the city of Harrisburg, on the Juniata river, adjoining property of John Shoop, William Allison and the Heirs of John Sele, being the property of John Sele, deceased, containing Twenty-one Acres, more or less.

Erected thereon is a good two-story FRAME HOUSE AND BARN, with a good water and a thriving young APPLE ORCHARD.

Sale to commence at two o'clock, as above stated, when the terms and conditions of sale will be made known by

JOHN W. DOCK, Jr., Administrator of the estate of JOHN SELE, deceased. jeh24-1m

#### FOR SALE.—THE BUILDING ON A CORNER OF WALNUT AND SHORT STREETS, USED AS A UOOPER SHOP.

This building was originally built so that it could be turned into Dwelling House. It consists of three separate tenements, each frame built 25 by 30 feet, making the entire building, without basement, 75 feet long and 30 feet wide. Will sell also a STEAM ENGINE, POWER SOWING AND SOILING MACHINES, and one of Dr. Schaeffer's Patent Steam Cylinders, and a Set of Saws for Joining Staves. The above property will be sold at a bargain, as we wish to clear the ground in which the building stands. Enquire at the Broker's Office of

S. L. MCGILLICHOE, 1206 Market Street. jeh24-1m

#### VALUABLE BUILDING LOTS FOR SALE.

A number of choice BUILDING LOTS, adjoining the Board House and Work Shop of the Pennsylvania Railroad Company, will be sold low and on reasonable terms. Apply to

JOHN W. DOCK, Jr., 1206 Market Street. jeh24-1m

#### FOR SALE.—A HOUSE AND LOT ON SIXTH STREET, NEAR STATE.

Enquire at the Exchange Office of

S. L. MCGILLICHOE, 26 Market Street. jeh24-1m

#### FOR SALE.—A TWO-STORY FRAME HOUSE IN SHORT STREET.

Inquire of

W. K. VERNEKE, jeh24-1m

#### Wineing.

#### ALL WORK PROMISED IN ONE WEEK!

#### STEAM DRIVING ESTABLISHMENT.

104 MARKET STREET, BETWEEN FOURTH AND FIFTH, HARRISBURG, PA.

Where every description of Ladies' and Gentlemen's Trunks, Cases, &c., are made, cleaned, and polished in the best manner and at the shortest notice. jeh24-1m

#### CONDENSED MILK—Just received and for sale by WM. DOCK, JR., & CO.

#### WALLPAPER, BORDER, &c., &c., sold at last year's prices, without any advance, at SCHAEFFER'S BOOKSTORE.

#### DRYED PEACHES—PAID AND UNPAID—just received by WM. DOCK, JR., & CO.

#### THE NATIONAL ALMANAC AND ANNUAL RECORD FOR 1863, for sale at SCHAEFFER'S BOOKSTORE.

#### "HOW ARE YOU GREEN?" BACKS, JACOB BRYAN'S new comic song.

Price 30 cents; just received and for sale by WM. DOCK, JR., & CO., at his Music Store, Third Street. Call and get a copy early. jeh24-1m

#### APPLES!—100 BUREL'S PRIME APPLES just received and for sale (very low) by WM. DOCK, JR., & CO.

#### NEW ORLEANS SUGAR!—First in New Orleans!—For sale by WM. DOCK, JR., & CO.

#### WRITING FLUIDS.—BOSS' American Writing Fluid, a splendid ink, at 25 cents per quart; ARNOLD'S genuine Writing Fluid, HARRISON'S Columbian Writing Fluid, LAUGHLIN & BUSHFIELD'S Ink, Copying Ink, Carmine and Red ink, of the best quality. jeh24-1m

#### BOSS' AMERICAN WRITING FLUID, only not superior to Arnold's English Fluid, and only 60 cents per quart bottle. SCHAEFFER'S BOOKSTORE.

#### HAMS!!!—Newly celebrated, Michener's Broiler, Evans & Smith's superior, also, Dried Beef, Tongues and Bologna Sausage. For sale by WM. DOCK, JR., & CO.

#### GREEN CORN.—WINSLOW'S fresh Green Corn just received by WM. DOCK, JR., & CO.

#### THE FINEST STOCK OF PHOTOGRAPH ALBUMS, PORT FOLIOS, CARD-CASES, POCKET-BOOKS, for sale at SCHAEFFER'S BOOKSTORE.

#### BUCKWHEAT MEAL.—15,000 LBS. SUPER EXTRA, from Wyoming Valley, for sale by WM. DOCK, JR., & CO.

#### HERMETICALLY SEALED PEACHES, Tomatoes, Lobster, Salmon, Oysters, &c., for sale by WM. DOCK, JR., & CO.

#### SOLDIER'S CAMP COMPANION.—A very convenient Writing Book, also, Forks, Memorandum Books, Fortification, &c., at SCHAEFFER'S BOOKSTORE.

#### HAMS, DRIED BEEF, BOLOGNA SAUSAGES, TONGUES, &c., for sale low, by WM. DOCK, JR., & CO.

#### EMPTY BARRELS.—A large number of empty Wine, Brandy and Whisky Barrels for sale by WM. DOCK, JR., & CO.

## Insurance.

### INSURANCE AGENCY.

#### THE DELAWARE MUTUAL SAFETY INSURANCE COMPANY, OF PHILADELPHIA.

INCORPORATED 1855.

This Institution is doing business on the Mutual Insurance principle combined with a Joint Stock Capital. By the act of incorporation the stock is pledged for the payment of any losses or claims, and the company can not be dissolved until the profits of the business shall be divided among the insured, as a guarantee and protection to the insured against loss, and in accordance with a provision of the act of incorporation. This fund will be represented by scrip issued by the company, bearing interest not exceeding six per cent.

No dividend of scrip can be made when the losses and expenses exceed the amount of earned premiums.

Insurances will be made on Vessels, Freight and Cargoes, on Goods transported by railroads or canal, and by steamboat on rivers and lakes; also, against damage or loss by Fire, for a limited time, or permanently.

The undersigned, as Agent for the above well known company, will make Insurance against loss or damage by fire, either perpetually or annually, on property in either town or country.

Transportation Risks also taken. Apply personally or by letter to

ROBERT L. MUEHCH, Harrisburg, Pa. jeh24-1m

### LIFE INSURANCE.

#### THE GIRARD LIFE INSURANCE, ANNUITY AND TRUST COMPANY, OF PHILADELPHIA.

OFFICE NO. 408 CHESTNUT ST. [CHARTER PERPETUAL.] CAPITAL AND ASSETS, \$1,543,386

THOMAS BIDGWAY, President. JOHN F. JAMES, Actuary.

CONTINUE to make INSURANCE ON LIVES on the most reasonable terms.

They act as Attorneys and Guardians under last will, and as Receivers and Assignees.

The capital being paid up and invested, together with a large and constantly increasing reserve fund, offers a perfect security to the insured.

The premiums may be paid yearly, half yearly or quarterly.

The company add a BONUS periodically to the insurance for life. The FIRST BONUS appropriated in December, 1864, the SECOND BONUS in December, 1865, the THIRD BONUS in December, 1866, and the FOURTH BONUS in 1867. These additions are made with out requiring any increase in the premiums to be paid to the company.

The following are a few examples from the Register:

Policy.	Sum Insured.	Bonus or addition.	Amount of Policy and bonus to be increased by future additions.
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No. 89.	\$2,500.	\$ 857 50	\$3,357 50
" 122.	3,000.	1,050 00	4,050 00
" 129.	1,000.	300 00	1,300 00
" 232.	5,000.	1,575 00	6,575 00

Agent at Harrisburg and vicinity.

#### WILLIAM BUEHLER.

### INSURANCE.

#### Marine, Fire and Inland Transportation, Central Agency at Harrisburg, Pa., OF THE INSURANCE COMPANY OF NORTH AMERICA, OF PHILADELPHIA.

Incorporated 1794—Charter Perpetual. CAPITAL AND ASSETS, \$1,200,000

DIRECTORS: Arthur G. O'Neil, Samuel W. Jones, John A. Brown, Samuel F. Smith, Charles Taylor, Ambrose White, John R. Reed, Richard D. Wood, William White, William E. Brown, James S. Dickson, S. Morris Wall, John Mason, George L. Harrison, Francis R. Cope, Edward H. Trotter, Edward S. Clarke.

CHARLES PLATT, Secretary. As central agent for the above named company, the undersigned is prepared to take Fire Risks in any part of the State of Pennsylvania, either annually or perpetually, on the most favorable terms.

Office in Walnut street near Second.

WILLIAM BUEHLER, jeh24-1m

#### THE COLUMBIA INSURANCE CO., OF Columbia, Lancaster county, Pa.

CHARTER PERPETUAL.

This company continue to insure buildings, merchandise, and other property against loss and damage by fire, on the mutual plan, either for a cash premium or premium note.

Insured on the mutual plan, a reliable guarantee equal to ten times the average loss on the amount insured; and the Directors pledge themselves to deal as liberally with the insured as the case may require, and the case may admit of, consistent with justice to all parties concerned.

Amount of Premium Notes, \$155,620 40. Balance of Cash Premiums unexpended, Jan. 1st, 1862, \$1,681 57

Cash receipts during the past year, \$9,329 73

Balance unexpended February 1st, 1863, \$3,016 11

Losses and Expenses paid during the year 1862, \$9,329 73

Balance unexpended February 1st, 1863, \$3,016 11

GEORGE YOUNG, Jr., Secretary. M. S. BRUMAR, Treasurer.

DIRECTORS: Robert T. Ryan, Abraham Brown, John Fendrich, H. O. Minch, Samuel F. Dickson, Ephraim Hershey, M. S. Shuman, George Young, Jr., Nicholas McDonald, Amos S. Green. jeh24-1m

### Hotels.

#### UNITED STATES HOTEL, OPPOSITE THE PENNSYLVANIA AND LEANON VALLEY RAILROAD DEPOTS, HARRISBURG, PA.

The undersigned having taken the above Hotel, which has been refitted and furnished throughout, begs leave to inform the public that he is well prepared to accommodate those who may favor him with their patronage, and that will give entire satisfaction.

THE UNITED STATES HOTEL is located in the immediate vicinity of the depots of the Pennsylvania and Leaning Valley railroads, where the traveling public can be accommodated with every comfort without the inconvenience or expense of going up-town.

Neither paler nor expense shall be spared to render the guests of this establishment as comfortable as they can possibly be elsewhere in the city of Harrisburg.

General and competent porters will always be found at the depots on the arrival of the trains, to take charge of the baggage free of charge.

Ask for the UNITED STATES HOTEL, my7-1m

#### NATIONAL HOTEL, (LATE WHITE SWAN.)

Race street, above Third, Philadelphia.

This establishment offers great inducements, not only on account of reduced rates of board, but from the central location to the avenue of trade, as well as the convenience afforded by several passenger railroads running past and contiguous to it, by which guests can pass to and from the city with the greatest ease and comfort.

Should they be preferred to the regular convenience of the house, I am determined to devote my whole attention to the convenience of my guests, and endeavor to give general satisfaction.

Terms—\$1.25 Per Day. DAVID O. STORIE, (Formerly of Eagle Hotel, Lebanon, Pa.) T. V. REEDER, Clerk. my7-1m

### Transportation.

#### DANIEL A. MUEHCH, Agent of the Old Wallower Line.

Respectfully informs the public that this Old Daily Transportation Line, (the only Wallower Line now in existence in this city,) is in successful operation, and prepared to carry Freight at as low a rate as any other individual line between Philadelphia, Harrisburg, Sunbury, Lewisburg, Williamsport, Jersey Shore, Lock Haven, and all other points on the Northern Central, Philadelphia and Erie, and Williamsport and Elmira Railroads.

DANIEL A. MUEHCH, Agent, Harrisburg, Pa. Goods sent to the Warehouses of C. F. Schaeffer, Zell & Hinchman, No. 808 and 810 Market street, above Eighth, Philadelphia, by 4 o'clock p. m., will arrive at Williamsport, ready for delivery, next morning. my7-1m

## Machinery.

### EAGLE WORKS,

HARRISBURG, PENNSYLVANIA, MANUFACTURERS OF

BOOK-BINDERS' RULING MACHINES AND PENS, STANDING PRESSES, SAWING MACHINES, PRESS BOARDS, AND MACHINES FOR GRINDING CUTTING-MACHINE KNIVES.

Portable Cider Mills and Fodder Cutters, SCHOOL FURNITURE, General Machine Work and Iron and Brass CASTINGS.

WOOD TURNING IN ALL ITS BRANCHES, SCROLL SAWING, PLANING, ETC., ETC.

Any Machine of Wood, Iron or Brass made to order. Gear and Screw Cutting, &c., &c.

HICKOK'S PATENT WOODEN SCREW CUTTING TOOLS.

Cash paid for Old Copper, Brass, Spelter, &c., &c.

STEAM BOILERS, PENNSYLVANIA RAILROAD, ABOVE STATE STREET.

CELLAR WINDOW GRATES

Of various patterns, both stationary and swinging, RAIL WEIGHTS and various other Building Castings, for sale very cheap at the [my24-1m] EAGLE WORKS.

J. O. MOLTZ, ENGINEER, MACHINIST & STEAM FITTER, No. 6, NORTH SEVENTH STREET.

Between Walnut and Market, Harrisburg, Pa. Machinery of every description made and repaired. Brass Cocks of all sizes, and a large assortment of Gas Fittings constantly on hand.

All work done in this establishment will be under his own supervision, and warranted to give satisfaction.

STEAM BOILERS.

Having made efficient and permanent arrangements for the purpose, we are now prepared to make

STEAM BOILERS of every kind promptly and at reasonable rates. We shall use iron made by Bailey & Bro., the reputation of which is second to none in the market.

None but the best hands employed. Repairing promptly attended to. Address

EAGLE WORKS, Harrisburg, Pa. my24-1m

#### W. M. A. PARKHILL, PLUMBER AND GAS FITTER, THIRD STREET, NEXT DOOR TO THE TELEGRAPH PRINTING OFFICE.

Stores, dwellings, churches, public buildings, factories, &c., &c., of all kinds, and iron pipe in a workman-like manner. Hydrants, Water Cisterns, Bath Tubs, Lifts and Force Pumps, Wash Basins, Lead and Iron Pipes for water, gas and steam, &c., &c., and all patronage is respectfully solicited. All work promptly attended to. jeh24-1m

REMOVAL.

The subscriber has removed his PLUMBING AND BRASS FOUNDRY from Market street to Fourth street above Market, opposite the Bethel Church. Thanks for past patronage, he hopes, by strict attention to business, to merit a continuance of it. jeh24-1m

WM. PARKHILL.

### Miscellaneous.

#### SOMETHING FOR THE TIMES!!!

A NECESSITY IN EVERY HOUSEHOLD!!

JOHNS & CROSLY'S AMERICAN CEMENT GLUE!

THE STRONGEST GLUE IN THE WORLD! FOR CEMENTING WOOD, LEATHER, GLASS, IVORY, CHINA, MARBLE, PORCELAIN, ALABASTER, ROPE, COBALT, &c., &c.

THE ONLY ARTICLE OF THE KIND EVER PRODUCED WHICH WILL WITHSTAND WATER!

EXTRACTS. "Every housekeeper should have an supply of Johns & Crosley's American Cement Glue."—New York Times. "It is convenient to have in the house."—New York Express. "It is always ready; this commends it to everybody."—New York Independent. "We have tried it, and find it as useful in our house as water."—Willis's Spirit of the Times.

PRICE 25 CENTS PER BOTTLE. VERY LIBERAL REDUCTIONS TO WHOLESALE DEALERS.

TERMS CASH.

For sale by all Druggists and Storekeepers generally throughout the country.

JOHNS & CROSLY, (Sole Manufacturers,) 78 WILLIAM STREET, (Corner of Liberty Street,) NEW YORK. dly

#### L. LYON'S PURE OHIO CATAWBA BRANDY.

THE OHIO CATAWBA BRANDY, for several years, has been manufactured from the pure juice of the Ohio CATAWBA and ISABELLA GRAPE and has attained a rare popularity throughout the West and South, where great quantities of this superb article is sold for MEDICAL and FAMILY purposes. It is not only equal, but excels the most choice IMPORTED BRANDIES IN PURITY, QUALITY AND RICHNESS OF