

Democrat and Sentinel.

THE BLESSINGS OF GOVERNMENT, LIKE THE DEWS OF HEAVEN, SHOULD BE DISTRIBUTED ALIKE UPON THE HIGH AND THE LOW, THE RICH AND THE POOR.

NEW SERIES.

EBENSBURG, AUGUST 26, 1857.

VOL. 4. NO. 42.

ADVERTISEMENTS.

1857.
THIRD ANNUAL FAIR
The Cambria County Agricultural Society.
OFFICERS.
President—ROBERT L. JOHNSTON.
Vice Presidents—REES J. LLOYD, Dr. H. YANGLY.
Secretary—A. C. MULLIN.
Treasurer—G. C. K. ZAHM.
Managers—HOWARD SHOEMAKER, GEORGE M. REED, GEORGE J. RODGERS, ROBERT DAVIS, F. E. GIBBONS.
Committee of Reception—EDWARD SHOEMAKER, J. S. CLIXTON, R. JONES, DAVID J. JONES, PETER F. COLLINS, JAMES C. NOON, J. ALEXANDER MOORE.

The Managers of the Cambria County Agricultural Society respectfully beg leave to announce, that the third annual exhibition of said society will be held at Ebensburg, on Wednesday, Thursday and Friday, the 7th, 8th and 9th days of October, 1857.

The Stock and articles for exhibition will be classified, and premiums thereon awarded by the several committees, in the following order:

CLASS NO. 1—HORSES.

Judges—Thomas R. Moore, James G. Kayler, Thomas H. Porter, Abraham Kopelin, William Murray.
Best Stallion, \$5 00
2d 3 00
Best Gelding, 4 00
2d 2 00
Best Mare, 4 00
2d 2 00
Best Colt, between 2 and 3 years, 4 00
2d 2 00
Best 1 2 3 00
2d 2 00
Best under 1 year, 2 00
2d 1 00
Best pair Match Horses, 4 00
2d 2 00
Best Mules, 4 00
2d 2 00
Best Manly, 3 00
2d 2 00

CLASS NO. 2—CATTLE.

Judges—John E. Roberts, Henry Seaman, Enoch Ellis, Thomas Davis, Frederick Teb.
Best Bull, \$5 00
2d 2 00
Best Cow, 5 00
2d 4 00
3d 3 00
4d 2 00
Best Steer, between 2 and 3 years, 3 00
2d 2 00
3d 1 00
4d 2 00
Best Heifer, 2 00
2d 1 00
Best under 1 year, 2 00
2d 1 00
Best Cow or Ox, 4 00
2d 2 00
Best York of Oxen, 5 00
2d 3 00

CLASS NO. 3—SHEEP.

Judges—Ezekiel Hughes, Francis Bearer, Joseph Shry, Dr. S. M. Kern, Jacob B. Cobough.
Best Buck, \$4 00
2d 2 00
Best Ewe, 3 00
2d 1 00
Best pair Sheep, 3 in number, 4 00
2d 2 00
Best pair Lambs, 2 00
2d 1 00

CLASS NO. 4—SWINE.

Judges—William Kittell, Robert B. Gagely, William Russell, James M. Ruffell, Henry Hobbell.
Best Boar, \$3 00
2d 1 00
Best Sow, 2 00
2d 1 00
Best pair Pigs, 3 in number, 2 00
2d 1 00
Best Hog, 2 00
2d 1 00

CLASS NO. 5—POULTRY.

Judges—Edward A. Lyle, Henry Saylor, James W. London, Lewis Rodgers, Enoch C. Mullin.
Best pair Shanghai Poultry, \$2 00
2d 1 00
Best pair Cochins, 2 00
2d 1 00
Best pair Chittagong, 2 00
2d 1 00
Best pair Poland, 2 00
2d 1 00
Best pair Turkeys, 2 00
2d 1 00
Best pair Ducks, 2 00
2d 1 00
Best pair Guinea Fowls, 2 00
2d 1 00
Best pair Pigeons, 2 00
2d 1 00

CLASS NO. 6—GRAIN.

Judges—Richard J. Proudfoot, Paul Cobough, David O'Hara, John Evans (Smith), Francis Stick.
Best acre of Wheat, \$3 00
2d 1 00
Best acre of Corn, 2 00
2d 1 00
Best acre of Oats, 2 00
2d 1 00
Best Rye, 2 00
2d 1 00
Best Barley, 1 00
2d 50
Best Timothy Seed, 1 00
2d 50
Best Clover, 1 00
2d 50
Best Flax, 7 00
2d 2 00
Best peck Chinese Sugar Cane seed, 2 00
2d 1 00
Best acre of Grass, when cured, 2 00

CLASS NO. 7—VEGETABLES.

Judges—Charles B. Ellis, James B. Davis, Joseph Miller, Augustin Darbin, Daniel Litinger.
Best quarter acre of Potatoes, \$2 00
2d 1 00
Best Turnips, 2 00
2d 1 00
Best Ruta baga, 2 00
2d 1 00
Best half dozen Beets, 50
2d 25
Best Carrots, 50
2d 25
Best Onions, 50
2d 25
Best Cabbage, 50
2d 25
Best Tomatoes, 50
2d 25
Best Squashes, 50
2d 25
Best Parsnips, 50
2d 25
Best Kohl Rabi, 50
2d 25
Best Pumpkin, 50
2d 25
Best Citron, 50
2d 25
Best Musk Melon, 50
2d 25
Best Water, 50
2d 25
Best basket Tomatoes, 50
2d 25
Best seed Cucumber, 50
2d 25
Best half bushel Beans, 50
2d 25
Best lot Celery, 50
2d 25
Best Cauliflower, 50
2d 25
Best Broccoli, 50
2d 25

CLASS NO. 8—FRUIT.

Judges—John Thompson, Jr., Wm. H. Gardner, Maj. James Potts, Alexander M'Vicker, Robert M'Combie.
Best variety of Fall Apples, \$2 00
2d 1 00
Best dozen do, 1 00
2d do do, 50
Best variety Winter Apples, 2 00
2d do do, 1 00
Best dozen do, 1 00
2d do do, 50
Best do Fall Pears, 1 00
2d do do, 50
Best do Winter Pears, 1 00
2d do do, 50
Best do Peaches, 1 00
2d do do, 50
Best do Plums, 1 00
2d do do, 50
Best do Quinces, 1 00
2d do do, 50
Best variety Grapes, 2 00
2d do do, 1 00

CLASS NO. 9—PRODUCTS OF THE DAIRY.

Judges—Daniel M'Laughlin, Samuel L. Gargas, David J. Jones, Wm. R. Hughes, Andrew Gleason.
Best roll of Butter, \$1 00
2d do do, 50
Best Print do, 1 00
2d do do, 50
Best Cheese, 1 00
2d do do, 50

CLASS NO. 10—AGRICULTURAL IMPLEMENTS.

Judges—Wm. Palmer, Wm. D. Pryce, John Hendrick, Francis Eberly, Thomas Harrison.
Best Plough, \$2 00
2d do do, 1 00
do Cultivator, 2 00
2d do do, 1 00
do Hillside, 2 00
2d do do, 1 00
do Wheat Drill, 2 00
2d do do, 1 00
do Corn Planter, 2 00
2d do do, 1 00
do Horse Rake, 2 00
2d do do, 1 00
do Reaper, 2 00
2d do do, 1 00
do Mower, 2 00
2d do do, 1 00
do Grain Cradle, 1 00
2d do do, 50
do Wind Mill, 2 00
2d do do, 1 00
do Cutting Box, 2 00
2d do do, 1 00
do Threshing Machine, 3 00
2d do do, 1 00
do lot Garden Implements, 2 00

CLASS NO. 11—MANUFACTURED ARTICLES.

Judges—Samuel Keagy, John P. Pringle, David H. Roberts, George Rutledge, B. F. Slick.
Best two-horse Carriage, \$2 00
2d do do, 1 00
do Buggy, 1 00
2d do do, 50
do set single Harness, 1 00
2d do do, 50
do do double do, 1 00
2d do do, 50
do Saddle and Bridle, 2 00
2d do do, 1 00
do pair Boots, 1 00
2d do do, 50
do Calf skin, 1 00
2d do do, 50
do Side Sole Leather, 1 00
2d do do, 50
do lot Cabinet Ware, 2 00
2d do do, 1 00
do do variety Tinware, 1 00
2d do do, 50
do do Stone and Earthen Ware, 1 00
2d do do, 50
do Washing Machine, 1 00
2d do do, 50
do Meat Vessel, 1 00
2d do do, 50
do Churn, 1 00
2d do do, 50
do Cook Stove, 1 00
2d do do, 50
do Parlor do, 1 00
2d do do, 50
do pair Horse Shoes, 50
2d do do, 25
do Wagon, 3 00
2d do do, 1 00
do Cider Mill and Press, 3 00
2d do do, 1 00
do Pairing or Graining, 1 00
2d do do, 50
do pair Drawing Chains, 1 00
2d do do, 50
do do Breast do, 1 00
2d do do, 50
do do Coal Gates, 1 00
2d do do, 50
do Panel Door, 1 00
2d do do, 50
do Sash, 1 00
2d do do, 50
do barrel Flour, 3 00
2d do do, 1 00

CLASS NO. 12—FLOWING MATCH.

Judges—Henry Glass, A. C. Noble, Griffith Lloyd, Samuel O'Hara, Jacob Singer.
Best Flowing, \$4 00
2d do do, 2 00
Best do by boy under 17, 1 00
2d do do, 50

CLASS NO. 13—DOMESTIC MANUFACTURES.

Judges—Mrs. Wm. A. Smith, Mrs. James Reames, Mrs. George Biddle, Mrs. John S. Buchanan, Mrs. Wm. Litinger.
Best piece Carpet, \$2 00
2d do do, 1 00
Best pair Blankets, 2 00
2d do do, 1 00
do do Coverlet, 1 00
2d do do, 50
do do piece Bed Quilt, 1 00
2d do do, 50
do do do Cradle do, 1 00
2d do do, 50
do do Table Spread, 1 00
2d do do, 50
do do piece Tow Cloth, 1 00

CLASS NO. 14—CULINARY DEPARTMENT.

Judges—Mrs. James M. Ruffell, Mrs. Wm. A. Murray, Mrs. H. J. Roberts, Mrs. John Fenlon, Mrs. A. B. Pringle.
Best Bread, \$1 00
2d do do, 50
do Rusk, 50
2d do do, 25
do Pound Cake, 50
2d do do, 25
do Jelly do, 50
2d do do, 25
do Sponge do, 50
2d do do, 25
do Domestic Sugar, 1 00
2d do do, 50
do do do do, 50
2d do do, 25
Best Apple Butter, 1 00
2d do do, 50
Best Pumpkin do, 1 00
2d do do, 50
do Pear do, 50
2d do do, 25
do Plum do, 50
2d do do, 25
do Quince do, 50
2d do do, 25
do Tomato Catsup, 50
2d do do, 25
do Walnut do, 50
2d do do, 25
do Tomato Jelly, 50
2d do do, 25
do Apple do, 50
2d do do, 25
do Peach do, 50
2d do do, 25
do Plum do, 50
2d do do, 25
do Quince do, 50
2d do do, 25
do Currant do, 50
2d do do, 25
do Raspberry Jam, 50
2d do do, 25
do Strawberry do, 50
2d do do, 25
do Blackberry do, 50
2d do do, 25
do Apple Preserves, 50
2d do do, 25
do Pear do, 50
2d do do, 25
do Peach do, 50
2d do do, 25
do Plum do, 50
2d do do, 25
do Cherry do, 50
2d do do, 25
do Tomato do, 50
2d do do, 25
do Pear Marmalade, 50
2d do do, 25
do Peach do, 50
2d do do, 25
do Quince do, 50
2d do do, 25
do Catawba Wine, 50
2d do do, 25
do Elderberry do, 50
2d do do, 25
do Currant do, 50
2d do do, 25
do Vinegar, 50
2d do do, 25
do Jar of Pickles, 50
2d do do, 25
do do Brandy Peaches, 50
2d do do, 25
do Cherry Bounce, 50
2d do do, 25
do Dried Apples, 50
2d do do, 25
do do Peaches, 50
2d do do, 25
do do Plums, 50
2d do do, 25
do do Cherries, 50
2d do do, 25
do Honey (in comb), 50
2d do do, 25
do do (rendered), 50

CLASS NO. 15—SKELEWORK.

Judges—Miss Emily Roberts, Miss Mary Ivory, Miss Ann Daugherty, Miss Susan Linton, Miss Elizabeth Ramsey.
Best Ornamental Needlework, \$1 00
2d do do, 50
Best Silk Embroidery, 1 00
2d do do, 50
do Linen do, 50
2d do do, 25
do Cotton do, 50
2d do do, 25
do do do do, 50
2d do do, 25
do do do do, 50
2d do do, 25
do do do do, 1 00
2d do do, 50

CLASS NO. 16—FLOWERS.

Judges—Miss Mary Jane Murray, Miss Jane Roberts, Miss Roseline Rhey, Miss Virginia Gadd, Miss Anna Feokler.
Best collection of flowers, \$ 50
2d do do, 25
do do Moss Vase with flowers, 50
2d do do, 25
Best Flat do, 50
2d do do, 25
Best Table Bouquet, 50
2d do do, 25
Best collection Artificial Flowers, 50
2d do do, 25

CLASS NO. 17—FINE ARTS.

Judges—George Storm, Timothy Brophy, H. C. Devino, Howard J. Roberts, George W. Barrett.
Best Oil Painting, \$2 00
2d do do, 1 00
Best Water Color do, 1 00
2d do do, 50
Best Crayon Sketch, 1 00
2d do do, 50
Best Draughting, 1 00
2d do do, 50
do Penmanship, 1 00
2d do do, 50
do Marble Work, 1 00

CLASS NO. 18—EQUESTRIANISM.

Judges—Dr. Shannon, Dr. Walters, Dr. Marshall, Dr. Kimball, Dr. R. M. S. Jackson.
To the best Equestrianism, over 18, discretionary, 1 00
do do do do, 18, do, do
do do do do, under 18, do, do
do do do do, do, do, do

GENERAL REGULATIONS.

The grand display of Horses, Cattle, Poultry, Agricultural and Horticultural Products, Manufactured Articles and Luxuries, will take place on the first and second days.
The Flowing Match will take place on the third day, at 10 o'clock, A. M., and the Ladies' Riding Match, the same day at 2 o'clock, P. M.
Exhibitors will, in all cases, be required to become members of the Society, and those who do not previously communicate with the Secretary, will be waited on by the Reception Committee at the Fair Grounds.
Every thing intended for exhibition must be entered at the office, together with the name and residence of the owner, and will be marked or designated by a card numbered in the order of its entry.
No vicious animal will be entered, unless the owner takes measures to prevent any possible damage otherwise resulting therefrom.

Animals or articles on exhibition cannot be removed before the close of the fair, without permission from the Managers.

Premiums not demanded within six months after they are awarded will be held as donations to the Society.

INSTRUCTIONS TO JUDGES.

The judges are requested to report themselves at the Secretary's office, on the ground, on the first day, before 3 o'clock, P. M., at which time their names will be called and vacancies (if any) filled.
They will report by the number on the article exhibited, and in awarding Premiums, be governed by the printed lists furnished them by the Secretary.
No article requiring such evidence from Exhibitors relative to the stock or articles on exhibition as shall be to them entirely satisfactory.
Any objection to the statements of exhibitors shall, when discovered, work a forfeiture of the premium to which the party making it would otherwise be entitled.
All the articles specified in classes No. 14, 15, and 17, must have been manufactured in the county, in order to entitle them to premium.
All animals entitled to premiums must be such as have been raised in the county, or owned and kept therein for at least six months prior to the fair.
No article exhibited shall be entitled to two premiums, as, for instance, the best article of grain receiving the premium shall not be included in the best acre upon which a premium is offered.
The judges of the several classes will be required to report in writing the premiums awarded by them, respectively, with such remarks relating to the merits of the animals, or articles coming under their examination, as they may think proper.
Any person exhibiting an article not mentioned in the printed list, but which may be deemed meritorious by the judges, shall be awarded a Diploma.
No person will be permitted to interfere with them during their adjudication, and when any judgment is made, the exhibitor will be notified.
The judges of the various classes will meet on the ground, on the second day, at 10 o'clock, A. M., to enter upon the discharge of their respective duties, and their reports must be handed to the Secretary before 12 o'clock, M., on the last day of the exhibition.

FEES OF ADMISSION.

Certificates of Membership will issue at one dollar, and will admit the entire exhibition the member, his wife, and all their children under twenty-one years of age.
Tickets good only for a single admission, will issue at 25 cents. Children under 10 years old, half price.
Tickets, good for the entire exhibition, will be issued to apprentice boys and servant girls, at 50 cents.
Application to be made at the Business Office, on the ground.
Each certificate or ticket will bear the name of the holder, and any transfer thereof will forfeit the same to the Society. And the person transferring or receiving such ticket, with intent to defraud the Society, shall not thereafter enter the enclosure upon any condition whatever.

SPECIAL ANNOUNCEMENT.

The Managers confidently assure the public that such improvements will be made upon the arrangements of the two former fairs as will better secure the comfort of the animals, the safety of the articles and the convenience of the exhibitors.
A fine band of music will be engaged, and will be upon the ground during the entire exhibition.
William A. Stokes, of Greensburg, Westmoreland county, Pa., will deliver the annual address in the afternoon of the last day of the exhibition.
In short, nothing within the means of the Society will be left undone, which might have a tendency to render the Fair useful and attractive and bring to it a respectable attendance.
A reward of Ten dollars will be paid by the Society for the apprehension and conviction of any person or persons found injuring, destroying or in any manner wantonly interfering with any animal or article on exhibition.
Ebensburg, July 15, 1857.

Thompson's Clock.

There is a clock in our place
That regulates the town.
With tiny hands and pretty face,
Though it looks old and brown,
The finest clock that ever I saw,
It tells all clocks, I know,
Is went and stood in Noah's ark,
Four thousand years ago.
There is a clock in our place—
'Tis called the REGULATOR here,
And nestles clock in town,
Just call at Thompson's Hatler's Store,
And see this old clock go,
And buy a hat in place of one
Bought twenty years ago.
This Thompson keeps on Clinton street,
The clock is in his store,
And has been running, without feet,
Four thousand years and more.
Now, if you don't believe me, Tom,
Just call in as you go,
And buy a Cap in place of one
Bought twenty years ago.
'Twas put up by George Bolsinger,
An artist of our town,
The wheels are made of wood and brass,
And all seem pretty sound,
And now my last advice, dear Tom,
Is, stop in as you go,
And buy some Boots in place of old shoes
Bought twenty years ago.
Johnstown, May 6, 1856.

RICHARD M. JONES,

WHOLESALE DEALERS IN
DRY GOODS,
NO 143 MARKET STREET,
BETWEEN THIRD AND FOURTH
FRANCIS SQUARE,
PHILADELPHIA.
GEORGE N. ALLEN,
Feb. 4, 1857.—if

Agricultural.

AN ADDRESS FROM THE BOARD OF TRUSTEES OF THE FARMERS' HIGH SCHOOL OF PENNSYLVANIA. JULY, 1857.

This Institution, at this moment, claims the special attention of its friends. Its projectors design that it shall be a school where Agricultural knowledge and science may be obtained at an expense so moderate as to be within the means of those whose occupation is that of a Farmer—those whose youths are being taught the business which is to be the occupation of their after life, they will be contributing to their own education, by the labor of their own hands. Under the direction of Professors who will be skilled in the art of farming, and in all those management, business and the care of the farm, will be performed by the pupils:—whilst their minds are being imbued with the principles and science of agriculture, their daily occupation will be practically testing the truth of what they learn.

It is the desire of the Board of Trustees to put the public in possession of all information respecting the design, present condition and future prospects of the Farmer's High School, and to ask of them to take such interest in the Institution as its object and merits demand.

The Board of Trustees in 1855, after a most careful and personal examination of several points, in various quarters of the State, fixed the location in Centre County, on the Southern slope of Penn and Nitany Valleys, within, perhaps, five miles of the Geographical Centre of the State, where the land is limestone, fertile and beautiful. As a place for practical agriculture, nothing more favorable could be desired; and it is sufficiently removed from those intrusions and annoyances of a town or public place, so prejudicial to the pursuit of study, or the security of a well managed farm or garden.

Two hundred acres of this land was generously donated to the Institution by Gen. James Irvin, with the privilege of purchasing one hundred acres upon each side of it, at any time within five years, at sixty dollars an acre; and in the mean time, to have possession of the whole, upon the payment of the interest upon the value of the last mentioned two hundred acres. The Board of Trustees took possession of the whole, and have appropriated it, to the apple and peach orchards, 2 1/2 acres; to smaller fruits, 3 1/2 acres; to the garden and nursery, 10 1/2 acres, and to the campus, 12 1/2 acres. A system of record of all the doings on the farm has been arranged, from which we extract the following memorandum of what has already been done:

90 acres have been grubbed and sprouted; 340 rods of fence rows cleared, grubbed, picked and burnt; 67 acres of Wheat sown September, 1856; now good put down in clover; 75 acres of corn planted spring of 1857; 646 rods of hedge planted in 1856; 300 rods of hedge in 1857; 325 rods of rail fence; 43-000 nursery plants set out, comprising a full assortment of the most desirable nursery stock; 250 rods of seed beds of fruits, hedge plants, &c.; 10,000 plants of over 100 different sorts, received as contributions, many of them intended for the arboricum, and now set in reserve beds, until the ground can be prepared; 600 apple trees set out in orchard rows; 400 peach do; 200 plums, apricot and nectarines do; 250 pear, standard and dwarf do; 200 cherry; 1000 plants of nuts, berries, &c.; 1500 grapevines in vineyard; 60 avenue maples; 400 chestnut, larch, oak, pine and other seedling timber trees, collected and set out in rows, so as to give at sight the magnitude and location of every part of the farm; 500 pine, spruce, fir, &c., to be planted for sheltering hedge. Of these all are doing well beyond expectation, under the favoring influences of a good season, excepting only a small portion of the contributed plants, which were injured by delay and exposure.

One double-storied barn is finished and fitted up; and has been in use for two seasons; it is very spacious and much admired for its convenience. The farmer's house is also finished and part of the out buildings.—For the college building, the cellar has been excavated; 6000 perch of superior building stone, are quarried and on the grounds; three gangs of brickmakers have been at work for some time, and the masons are about to commence the walls. The delay occasioned by uncertainty, up to the 20th of May, as to the amount of funds which would be at the disposal of the Trustees, affected all work on the farm and nurseries as well as the buildings, though to less extent. Work was done with hired teams and tools, and temporary hands, and therefore, under much disadvantage; most of the ground being new and but imperfectly cleared, and yet with many stumps and roots.

This account might be much enlarged by detail, but it will serve to communicate an idea of what the progress has been, and to show that the Board of Trustees has been doing under the direction and management of Wm. G. Waring, Esq., a practical horticulturist and farmer; in whose skill and science the Board of Trustees have the most entire confidence.

A contract has been entered into, for the erection of an edifice, calculated for the residence of Professors, lecture-halls and dormitories for students, to be built of stone, five stories high, 233 feet in front; with wings, and to cost fifty-five thousand dollars. This building is already in progress, and it is hoped that a part of it may be put under roof and so far completed this fall, as to enable the Board to make arrangements, and receive a few students in the Spring of 1858.

The Legislature of Pennsylvania, at its last session, has fully recognized the public appreciation of this effort to produce a class of educated farmers whose practice and example may extend into every county of the State. It has appropriated fifty thousand dollars to enable the Board of Trustees to carry out their plan; twenty-five thousand of which is payable only upon condition that a like sum shall be raised from some other source. There is no other mode of raising this sum than by private contribution or that of County Agricultural Societies throughout the State. This sum contributed, will place the Institution in a prosperous condition; and encourage the Board of Trustees to prosecute the work to speedy and active operation. No such school as is here contemplated, has ever yet existed amongst us; and it is most confidently anticipated, that whilst we are getting up a farm which will be a model for farmers—whilst we will be testing and disseminating the most valuable seeds and plants throughout the whole length and breadth of the State, having the guarantee of such an Institution for their character and quality; we will be imparting to youth those principles of natural science, which, when intermingled with the practical operations of the farm, will give character to them, and dignity to their calling.—There is no other such field for the spirit of philanthropy.

We have now including a legacy of five thousand dollars by Elliot Cresson, Esq. \$25,000 The State has given us 25,000 If individuals or societies will contribute this sum, 25,000 It will entitle us to receive from the State, the further sum of 25,000 \$100,000

In making this statement of the situation of the Farmers' High School of Penna., it is the object of the Board of Trustees to enlist the judgment, and feelings, and sympathies of the friends of agriculture throughout the State; and to call on them for their aid in raising this sum of twenty-five thousand dollars; without it we cannot complete our buildings, and can not, therefore, go into operation. The consideration that every dollar contributed by individuals or societies pays two to our Farm School, should enable us to raise the amount without delay.

The Board of Trustees have not yet adopted any system of teaching or subjects to be taught, but that our friends may be able to form some idea of our general plan, it is suggested that the following will be submitted as the basis of their action:

THE SUBJECTS PROPOSED TO BE TAUGHT.

Mathematics—Including practical surveying, leveling, and the care and use of instruments.

Natural Philosophy—The principles of all mechanism; the laws of motion and force; steam; electricity; magnetism, &c.; illustrated by apparatus.

Agricultural Engineering and Mechanics—The methods and materials used in construction; what is good materials and what is good workmanship.

Implements and Machinery—The principles involved; parts liable to wear or break; adjustment; care; repair; specimens in the museum; mills.

Road Making—Materials; methods; legal regulations; bridging.

Building—Specifications; contracts; prices; architectural taste and detail; finish.

Drawing—Of plans, implements, animals, maps, machinery, &c.

Conveyancing—Forms; titles; procedures; &c.

Language and Literature—Comparisons of styles of expression; speaking to an audience; writing for the press; criticisms.

Principles of Government—American institutions; comparison with others; duties of township and county officers; laws of vicinage, &c.

Accounts generally—Aid farm accounts specially; formation of methodical habits by daily practice at the institution.

Farm Economy—Expenditures and returns; determination of the most economical mode of accomplishing given jobs of work.

Hydraulics—Methods of supplying water, where wanted, and of preventing injury by excess; machines; pipes.

Drainage—Its effects on soils; methods of effecting it.

Agricultural Chemistry—Practical analysis of manures, soils, plants, &c., their elements; chemical agents and apparatus.

Geology—The crust of the earth; soils of all kinds; how formed; specimens in the museum.

Geography—Features of the earth's surface, position of places, maps, productions and peculiarities of different regions.

Astronomy—Motions and influences of the heavenly bodies; revolutions, seasons, climates.

Meteorology—Atmospheric influences; electric and magnetic agencies; heat; cold; moisture; drought; winds; storms; shelter; contraction; instruments; observations deductions.

Mineralogy—Identification of rare or valuable minerals; gypsum, lime, phosphate of lime, cement, magnesia, coals, &c. specimens in the museum.

Botany—Arrangements of plants in families; names of individual species and parts of plants; plants of other countries in museum.

Vegetable Physiology—The structure of the vegetable body, functions of roots, leaves, stem, bark, sap, &c.; growth of plants; diseases.

Animal Physiology—The structure of the animal body; composition, form, and functions of its parts; nourishment; growth.

[Conclusion on next page.]