# The Centre Democrat.

BELLEFONTE, PA

AGRICULTURAL

NEWS, FACTS AND SUGGESTIONS. GRACE AND PROSPERITY OF THE FARMER.

Bucey farmer in his annual experience Sixcovery farmer in his annual experience discovers something of coluc. Write it and send it to the "Agricultural Editor of the DEMOCRAT, Bellefonte, Penn'a," that other farmers may have the benefit of it. Let communications be timely, and be sure that they are brief and well pointed.

MEETING OF THE COUNTY SOCIETY.-We trust that all members of the Centre County Agricultural Society will bear in mind that the annual meeting for the election of officers takes place in the Court House on next Monday evening. The report of the treasurer for the past year will be submitted at this meeting, and in addition to these items of regular business, it is intended by the officers to have a discussion of the all-important question of fencing. This is the most important meeting of the year, and every member should, if possible, be present.

#### Agricultural Editor's Table.

WE are indebted to General LE Duc for a special report from the department of agriculture upon the condition of the crops for 1878. The report shows a large decrease in wheat production in the Southern States, and a correspondingly large increase in the North and West. Taking the entire country there has been a marked increase over 1877 in wheat, corn, cotton, barley, oats, rye and hay, while potatoes, tobacco and fruit have fallen considerably behind. In our own State the average production per sere is as follows: corn, 35 bushels; wheat, 16; rye, 15.4; oats, 32.4; barley, 26; buckwheat, 16.4; potatoes, 58; hay, 1.55 tons; tobacco 1,200 pounds.

THE Seth Thomas clock company, of 20 Murray street, New York, has placed upon our Agricultural Editor's Table, an extremely neat and useful little ornament, in the shape of one of their "Nut-Meg" or "Little Gem" clocks. We do not know that this could be classed as an agricultural product, strictly speak ing, but we do know that it would make an elegant addition to the mantle shelf of every farm house in the country, and as it is warranted to be a good time-keeper, it will be as useful as namental. It is a self-winder and self-setter and therefore there is no key to be lost or mislaid. In these days of scarcity of money, its very low price, \$2.50, will co amend it to every one and warrant us in calling it the farmer's clock.

We extend a hearty welcome to our table to Home and Farm, a very handsome paper published in Louisville, Ky. As its name indicates, it is devoted to agricultural interests.

#### Skill and Success.

Under the above title a correspondent of the Tribune gives a detailed account tons per acre the first year and 11 of the management of "Deerfoot the second. Five acres of mangolds EDWARD BURNETT. We copy it entire as a brillant illustration of how to make

At an hour's distance from Boston nets in the town of Southboro. The conner is a Harvard graduate of '71, who was not ashamed to be a farm dared to invade the myriad ranks of ruralists with the ambition of reachag a place in the front row. ing student life, he first married and tern purchased of his father "Deer-feet Farm," a tract of 400 acres, of which 125 are now in cultivation.

It is primarily a dairy farm for sufacture of butter with the profitable edge of gilt. Satisfied with returns when the butter, made with all their applyances of skill card science, commanded 75 cents a possed, he was not content to subwit to a reduction co-incident with general hard times and shrinkage of ies; so he inaugurated a new and thus far successful enterprise— the manufacture of "Devonshire colthus far successful enterprise—
the manufacture of "Devonshire colted everom," which finds a ready market in Boston, at 40 cents a quart. The milk is strained in pans, 7 feet be 2 and 8 inches deep, heated by seems from perforated pipes to 150 diegrees, then suddenly cooled to a paint near freezing by refrigeration with ice and salt in a box easily transferred from one pan to another. It is kept at this temperature till the cream rises, which is put up in pint wouldes, and shipped in refrigerating bears. It will keep sweet for severat days. The skimmed milk, which cantains about 2 per cent. of cream, is also sent to Boston, where it brings targe cents a quart, and is said to be preferred to "milkmen's milk" of that the first found to be an essential element of profit in the business.

From 50 to 60 cows are kept, mainly Jerseys, and heretofore very large.

quantities of superior butter have been produced. The pail is the standard of excellence, to which color and other fashionable points are held subservient. Size, symmetry, constitution and well-formed udders are essential characteristics. It is not a herd selected, but skillfully bred for many years upon an imported foun-dation. The utmost care and cleanliness are observed in feeding, bedding, milking and in all the process of manufacture. The fact that an ample supply of raw material is essential in a milk factory, as well as any other, is fully recognized, and four quarts of meal constitute the morning ration for each animal in Summer, while three quarts of meal and one of sherts are given in Win-ter in addition to fine early cut hay. Stalls and feed-boxes are so arranged that no cow-can interfere with her neighbor; a raised platform and dry soil bedding keep her clean and comfortable; a gutter to receive droppings, plaster to absorb the gases, facilities for easy dumping and cleaning, are among the con-veniences of the stable, which is therefore wonderfully free from odors. There is one feature that should receive special commendation—a spring balance is provided, upon which the milk of each cow is weighed, when an accurate record is invariably made. Such a practice is an assessment of a cow's value, and a criterion for a decision either to keep her in the herd or fit her for the shamoles.

A natural concomitant of dairying.

unless it is for the milk market, is pig-feeding. Mr. Burnett has carried the same idea of cleanliness and superiority into the manufacture of hams, bacon, sausage and lard, so that his meats supersede imported foreign delicacies of that class, and command 18 cents a pound in this era of cheap pork products, and his lard and sausage are sold at 15 cents. Keeping only 200 to 300 Yorkshire and Berk shire pigs in his own pens, the pressure of demand induces him to purchase fine pigs from Vermont New Hampshire, which he finishes at his own establishment. The pigs are fed twice daily, at 7 a. m. and 4 p. m., with a scalded mixture of one part oat meal, one of shorts, and eight of corn meal, which is allowed to stand twenty-four hours before feeding. The pens are supplied with dry loam, are cleaned twice daily, a littered bed is provided for each, se-curing at all times comfortable quarters and freedom from unpleasant odors. Very complete facilities for butchering are enjoyed. The carcasses remain twenty-four to forty eight hours in a refrigerator; the ham and bacon pieces are then placed in a room to ripen for ten days, being rubbed thoroughly with salt and su gar every other day. The hams are afterwards left in pickle four weeks, and then smoked ten days with green walnut wood. The bacon is smoked in the same manner for six days. He is now manufacturing about two and a half tons of sausage weekly, with the same care and success.

The conductor of enterprises like these might be expected to keep his fields in plethoric condition, and his dairy and piggery would enable him to do it. Therefore he cuts 200 tons of hay from 75 acres. A gravelly hillside, the site of an old orchard, now two years in clover, yielded 2 Farm," near Biston, by its owner. Mr. yield 1,000 bushels per acre. A field of 10 acres in orchard grass is a wonder of productiveness. A few years ago there was a useless swamp of fifty acres, which is now the valuable part or the farm. With larger production lies the farm of Mr. Edward Bur- than the average of prairie farms, with prices far in advance of those of the West, there must be profit in such farming; and the land is growhruse in vacation or to excel his feling better and yields larger, while the for the farmers, if they will but heed ing better and yields larger, while the for the farmers, if they will but heed very reverse of this is true of many a its lessons, even more than the college is low-workers in efficiency. As in law there is always elbow room in the large district of the West. Brains, doing for young ladies." personal supervision lynx-eyed vigilance in each detail of management overcome every disadvantage of climate and soil, and prove that farming can be made to pay, even in New England.

A Basket of Winter Ergs, Gathered from the Nests of our Neighbors.

Had you eggs to sell last month? If not, why not?

runner.

Comfort is the concomitant of egg production, and food the great fore

The Dominique is a very fine market fowl, plump and meaty, and one of the best for winter laying.

Comfortable quarters and a mixed

people who take care of their fowls and keep the better sorts.

A box of coal ashes in one corne of the hennery and another box of pounded clam shells or broken bones in another corner, with pure water in abundant supply, and the hens will cackle out their eggs and thanks every day.

People who keep the ordinary "nobreed" fowl have very few eggs in winter, while those who keep the improved breeds have them in greater or less abundance. But whatever breed are kept, much depends upon the care and management of the hen. The first essential to make the hens lay is to provide comfortable, SECHLER cheerful, home-like quarters.

The great reason why we have no more eggs in winter is that the SECHLER hens have not comfortable quarters, SECHLER nor requisite food. The hen is a tender animal. She is an exotic in this cold climate and wants a warm bed-room and a comfortable nursery.

SECHLER SECHLER CANNED FRUITS—Peachers, Pears Frenct—Sechler Representation of the property of the nor requisite food. The hen is a If we compel her to sleep on a fence or on a tree, and to lay her eggs when the snow can sift upon them and the frost will craok them, she will lay wery few.

#### Churn Slowly.

Don't ply the dasher so fast, my dear,
It's not so good for the butter,
And will make your arms ache, too, I fear;
And put you all in a flutter—
For this is a rule, wherever we turn,
Don't be in haste whenever you churn—
Churn slowiy!

If you'd see your butter come nice and sweet If you disceyour butter come nice and swee bon't churn with a nervousjerking. But ply the dasher slowly and neat— You'll hardly know that you're working; And when the butter has come, you'll say, 'Yes, this is surely the very best way'— Churn slowly!

#### EDITORIAL NOTES.

WE see it stated that Judge McLean, of Monmouth county, New Jersey, had a crop of potatoes that yielded six hundred and thirty-two and one-half bushels per acre, and his corn crop averaged one hundred and five bushels per acre-That's the Judge's answer to "How can we make farming pay."

CRACKS and crannies at the door and windows, through which the cold drafts come and go, are great wasters of fuel. and the main difference between the anthracite, oak and hickory fuel consumed by the iron furnaces in your house, and the hay, oats and corn fuel consumed by the flesh and blood furnaces in your cow stable and pig pen, is that the latter is much more expensive than the former. If you want to save the fuel stop up the cracks.

Col. F. D. Curris, of Kirby Homestead farm, proves by figures that he can and does grow sugar beets at the rate of five hundred and thirty-eight bushels, and a cost of twenty-five and one-half dollars per acre, or but little more than four and one-half cents per bushel. General Le Duc, Commissioner of Agriculture, has made an analysis of these same beets and reports a yield of nearly nine and one-half pounds of sugar per bushel of roots. No wonder Col. Curtis can "winter his pigs successfully on beets." He evidently knows "how to make farming pay.

Few farmers would look to a young ladies' college for lessons in practical farming; yet, on the authority of James Van Wyck, of Duchess county, N. Y .. we find the Vasser College farm sup. porting the farmer and his family the entire year, two hired men for eight months of the year, paying an interest of seven per cent, on one hundred dollars per acre, and constantly improving. Four years ago his balance was on the wrong side of the account. "Under its present management the farm will do for the farmers, if they will but heed

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