SMALLER FARMS.

competition Has Made it Necessary to Practice Careful Methods in Farming.

Nearly all the farmers of the rich regions of Ohio, Indiana and other Western States are coming to realize that in general their farms are too large for the intense and careful farming now necessary to meet the demands of the market and to secure profitable The pioneers who first settled these broad, fertile valleys were not satisfied unless their farms were large enough to consume a full day in interviewing their crops and their live stock scattered over their broad acres. To them quality was not of so much account as quantity.

Some of their posterity have attempted to retain the old farms as first established, and have resisted division. so that they have now on hand much more land than they can cultivate.

With these ploneers and their imme-diate descendants, it did not make much difference whether the farm was well tilled or not, as the facilities for marketing were poor, and the markets themselves were not constant, so that the supply with poor farming was always equal to the demand.

But times have changed, the country has become more thickly settled, the Western lands have all been taken up markets have been opened, and competition has made it necessary to practice more careful and more intense

methods of farming.
To accomplish this the large farms must be divided into smaller ones, and these must be well cultivated. First they must be prepared for a higher cul-ture, by the removal of everything which hinders the growth of the crops

to be raised There must be no enemy allowed to remain either to appropriate part of the land, or to steal part of the fertility which should be spent in the production of the crop. This demands that all undergrowth of shrubberygreen squirrels," as the old farmers used to call them-all briers and elder bushes should be removed from the fence rows and corners of the field that all old stumps which hinder proper culture should be pulled. These are all enemies which appropriate part of the ground which should be cultivated. Besides these, there are many thiaves which are scattered al lover the fields in the form of weeds, which sap the fertility of the soil either before the cultured plant has begun its growth, or after it has been planted, so that it often becomes a question whether the crop or weeds have the rightful claim to the soil.-Farm News,

Profitable Economics in Borticulture. The narrow margin of profit in all lines of farm and orchard production has led to closer economy and the utilizing of what has heretofore been waste

In California, for years, it was the rule to let rot on the ground all oranges that were sunburned, or imperfect in any way-oversized or undersized, or unmarketable from any other cause. As the orchards returned smaller profits, however, it was found that these fruits were valuable for marmalades and preserves, and they have now become no unimportant factor in the total income of the orange grower. Around the driers and canneries large heaps of peach and apricot stones ac cumulated and became a nuisance. It was afterwards discovered that these would burn as well as the best stove coal, and they are now a source of profit, selling at \$15 per ton as fuel while their ash is rich in phosphoric acid and potash and valuable as a fertilizer. Now a new industry in connection with raisin growing is about to established at Fresno. Raisin seed sell in Germany at \$16 to \$18 per ton The seeds are said to contain from 30 to 40 per cent, of glycerine and 16 per tent, of essential oil. The proposition under consideration is the erection of a raisin-seeding plant, thus increasing the value of the product and utilizing the seeds. Around all the wineries of the State are vast heaps of grape seeds and stems, all of which are now wasted, but which contain a large per cent-age of tannic acid, and in Europe form an important item in the product of the vineyard. It is small economies that enable us to withstand the hard times, and even California is learning this lesson. The feeding of waste ap ples and of pomace from cider mills and the use of apples for jelly, evapotating, etc., are other instances of profitable economies in horticulture.

Pear Culture in Michigan.

After many years' experience in Berrien County. I would prefer for the pear orchard well-drained, strong, sandy loam to the stiff clay that is commonly thought best. For dwarfs, especially, it should be deep and mellow The strong roots of the standards are better able to work their way down into stiff clay. If clay soil is used, it should be plowed deeply and subsoiled less care is required in a sandy soil Land in which water stands in the subsoil should be avoided. For standards plant twenty to twenty-two feet each way. Strong growers like the Kieffer require greater care in pruning than the smaller sorts. Most of the pruning should be done with the knife while the trees are small. Spraying for the leaf blight and the scab is found very profitable, and permits the growing of Borts that would otherwise be worth-Bartlett is long-lived and very productive. Onondaga is also a very profitable variety. In selecting varielies it is best to choose a number of kinds, and to mingle them in the orchard so as to secure cross-fertilization of the flowers.—George F. Corning,

Exporting Apples to Foreign Markets. In exporting apples to foreign mar-kets, shipments of small lots do not pay, and nothing less than from twenty-five to fifty barrels should consequently be sent. Many of the expenses would be as great on a five-barrel lot is on twenty-five barrels. Growers not heeding this advice are likely to find their small lots going to the huckster broken variety. A buyer looking for 500 or-1,000 barrels wants to fill his orter from the purchase of as few 750. der from the purchase of as few lots as possible, as he does not care to spend the time necessary to look up his order Then, too, the shipper in carload lots always has the advantage of cheaper freight.—Exchange



JONES & WALTER, Bloomsburg, Pa.

Russian Peasant Women.

also \$2.50 and

\$2 shoes for men and \$2.50,

\$2.00 and \$1.75

for boys. The full line for sale by

The peasant women are particularly interesting. They are a race of small bright looking women, presenting a striking contrast to the men, who are on the whole a tall, sombre looking is the intention, in this series of bulleset. There is, of course, the peasant tins, to present to the farmer in simdress, which is worn uniformly. It consists of, first, the sorotchka, or embroidered shirt; the sleeves alone are embroidered with fancy patterns in red and blue, and a woman counts it a disgrace to wear other work than her own. Then the skirt or petticoat (spodynitza) is of red or blue cloth: and over all is a sleeveless jacket, often of black. When outside, they wear a coat over the whole. The manner of adorning the hair is pecul- numerous examples how these princiiar, and, unlike the fashion in this country, conveys a special signigficance.

The unmarried women do up their hair in two plaits, which are bound round the head, and over this a shawl is simply thrown; while the married women do their hair in one plait, which falls down the back beneath the sorotchka, and on their heads they wear a shawl of black and mauve, which is manipulated into a very effective head dress. There is surely a correspondence here to the colf and snood of older Scotland. In Russia the married peasant women do not remove the shall from the head, whether out of doors or inside. Jack boots complete the outfit of these hardy women. They are evidently very fond of jewelry, and spend (for them) large sums of money upon it. of the spraying calendar for which I saw, for example, a peasant girl who there was so large a demand last year. was worth three hundred and fifty rubles, and she carried fifty of them round her neck in the form of coral and amber necklaces and silver lockets.

Achirg Joints

Announce the presence of rheumatism which causes untold suffering. Rheumatism is due to lactic acid in the blood. It cannot be cured by liniments or other outward applications. Hood's Sarsaparilly purifies the blood, removes the cause of rheumatism and permanently cures this disease. This is the testimony of thousands of peo ple who once suffered the pains of rheumatism but who have actually been cured by taking Hood's Sarsaparilla. Its great power to act upon the blood and remove every impurity is the secret of the wonderful cures by Hood's Sarsaparilla.

The Bureau's Authority.

When General Scott was asked his authority for spelling wagon with two g's, he said that the spelling was on the authority of Winfield Scott, commander of the armies of the United States ot America. When the officials of the Bureau of Engraving and Printing are criticised for spelling tranquility with one I, on the face of the recently ssued one dollar silver certificates, they reply that in quoting from the Constitution they followed the spelling of the original document; and in view of this authority it is not worth while to heard for future premiums one-dollar silver certificates of the issue of 1896 .- San Francisco Chro-

GRADUATION DAY

at Peirce School, Philadelphia, is an important day, not only to those who on that day make their formal entrance into the business world, but to the public, also. Great statesmen and great orators have esteemed it an honor to take part in these exercises and bid the graduates "God Speed," Carnegie, Depew, General Harrison, Speaker Reed, nave appeared in recent years. At the last exercises Congressman Quigg and the Reverend Thomas Dixon were the speakers. Honorable John Field presided. The class of '96 will be publicly graduated January 15, 1897. Honorable Theo-dore Roosevelt will make the annual address, Reverend Dr. Palmer the

29 feet by the falling of a scaffold at Scranton on Friday but none were Notes from the Pennsylvania Experiment Station.

We use only the best Calf, Russia Calf (all colors), French Patent Calf, French Enamel, Vels Kid, etc., graded to corre-spond with prices of the shoes. If dealer cannot supply you, write

W. L. DOUGLAS, Brockton, Mass.

The State Experiment Station has recently issued the first number of a series of Bulletins of Information. It ple and concise form the results of investigation and the best available scientific and practical information on the various branches of farming.

The first bulletin of the series is entitled "Computation of Rations for Farm Animals." It consists of two parts. The first is a brief explanation of the principles upon which the computation of rations is based. Following this, Part 2 shows by ples may be applied to the daily problems of the farm. Examples are given of the improvement of rations, of the compounding of rations from given feeding stuffs, and in particular of the selection of feeding stuffs with reference to economy in their purchase and use. It shows how an intelligent application of the principles of Part 1 may enable the farmer, by exchanging one feed for another or by wisely proportioning his feeds, to reduce the cost of his rations and at the same time improve their quality and add to the fertility of his farm.

The bulletin is being distributed at all the farmers' institutes held in the State, and will be mailed free to any

resident of the State applying for it. The Station has also issued a revised edition, in more convenient form,

The annual Reports and quarterly Bulletins of the Station will be sent, free of charge, on application, and inquiries on agricultural subjects answered so far as possible.

Address, H. P. Armsby, Director. State College, Centre Co., Pa.

"Galusha A. Grow, the veteran Congressman-at-Large from Pennsylvania maintains his position as the man with the largest majority against all comers says the Philadelphia Times. He won the position in both the elections of 1893 and 1894, even exceeding Hastings' large majority over Singerly. McKinley's majority in Pennsylvania is 295,070, while Grow's plurality over DeWitt, Democrat, for Congressman at-Large, is 297,446. Although Grow entered the public service as a Congressman before any other member of the present House, he is vet one of the most vigorous and efficient members of the body, and of course, among the ripest in experience.'

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For Grip, Colds, Coughs, Catarrh, Influenza, Sore Throat ; because "77' acts directly through the nerve centres and so swiftly that the cure begins before the pellets are entirely dissolved on the tongue Because, when the proper Homeopathic Remedy is selected, it works like a miracle. Because "77" is safe, sure and reliable. Because "77" is easy to carry; a small bottle of pleasant pellets, just fits the vest pocket. Sold by Druggists, or sent on receipt of 25c., or five for \$1.00. Dr. Humphreys' Homeopathic Manual of Diseases Free at Druggists, or sent on request. Humphreys' Medicine Co., Cor. William & John Sts. New York.

A Glass Box for Perishable Articles.

There seems to be no limit to the ingenuity bestowed upon the devising of means for accomplishing the transport of the perishable produce of distant climes to the English market. A new method is that of packing butter in a box made of six sheets of ordinary glass, all the edges being covered with gummed paper. The glass box is enveloped in a layer of plaster of paris, one-fourth of an inch thick, and this is covered with specially prepared paper. The plaster being a bad conductor of heat, the temperature inside the hermetically sealed receptacle remains constant, being unaffected by external changes.

SHERIFF'S SALE.

-OF VALUABLE -

Real Estate

By virtue of a writ of venditioni exponas is sued out of the Court of Common Pleas of Mon-tour county, and to me directed will be exposed to public sale at the Court House in the borough of Danville, county of Montour and state of

SATURDAY, DEC., 26, 1896, at 10 o'clock in the forenoon of said day, the following described real estate, viz: A tract of land lying partly in Madison township, Columbia county, and partly in Anthony township, Montour county, Pennsylvania: Beginning at a post in the public road leading from White Hall in Montour county, Penna to Muncy Hills thence along land of Mrs. Moore and H. C. Monroe, south forty-six and three-fourth de grees east twenty-one and five-tenth perches to a post to corner of lands of said Monroe, thence along line of said; land north forty-six degrees and forty minutes, east eighteen and five tenth perches to a white oak, thence along same lands south fifty-four dogrees, east thirty four perches to a post in line of lands of Glen Crawford, thence along said Crawford's lands and land of John Stettler, north eighty-one de grees east one hundred twenty-nine perches to a post in line of land of John Stettler and Wm. Harlin, thence along said Harlin's land and land of John Moser north thirty-nine degrees west one hundred eighty perches to a post in line of the aforesaid public road, thence along said public road south twenty-six and one-half degrees west one hundred thirty-four and nine ty-five hundredth perches to a point in th same, thence along the same south twenty seven degrees west twelve and six-tenth perches thence south forty-four and one-half degrees west eight and two-tenth perches to the place of beginning, containing

92 ACRES and 79 PERCHES more or less, on which are erected a

FRAME DWELLING HOUSE

barn, grain house and other out buildings, and a well of good water at the house Setzed, taken into execution, and to be sold as the property of William Derr.

Sheriff's Office, Danville, Pa. Nov. 27th, 1896 CHAS. P. GRARHART. Attv.

MICHAEL BRECKBILL.

ELECTION NOTICE,

The annual election by the stockholders of the Farmers' National Bank, of Bloomsburg, ra., to choose a Board of Directors for the ensuing year, will be field at the bank on Tuesday, January 12th, 18st, between the hours of two and four o'clock in the afternoon:

A. H. BLOOM,

12-2-tt,

Cashier.

Harper's Weekly. IN 1897.

With the end of 1896 HARPER'S WEEKLY will have lived forty years. In that time it has participated with all the zeal and power at its command in the great political events of the most interesting and investment period in the history. important period in the history of the country, and it has spread before its readers the ac complishments of science, arts, and letters for the instruction of the human mind and the amelioration of human conditions and of

What the WEEKLY has been in its spirit and purpose, as these have been manifested principally in its editorial pages, it will continue to be.
It is impossible to announce with precision

all that the WEEKLY will contain during the year 1897. It were as easy to announce what is about to happen in the world, what triumphs for good government are to be won what advances of the people are to be made what is to be the outcome of the continuous struggle between the spirits of war and peace, what is to happen in the far East, what is to be the state of Europe twelve months hence what new marvels of science are to be revealed, or what are to be the achievements of arts and letters, for the WEEKLY is to

be a pictorial record of all this.

Cartoons will continue to be a feature. Serial Stories. A New England story by Miss MARY E. WILKINS, will begin in Janu ary. A tale of a Creek uprising against the Turks, by Mr. E. F. Benson, the author of "Dodo," will follow. A sequel to "The House-Boat on the Styx," by Mr. John Kendrick Bangs, illustrated by Mr. Peter

Newell.
More Short Stories will appear in the WEEKLY than it has been possible to publish during 1896.
Departments: Mr. W. D. HOWELLS'S

"Life and Letters" have been among the most charming features of periodical literature; Mr. E. S. MARTIN, and others will contribute observations on what is going on in "This Busy World;" "Amateur Sport" will remain the most important department of its kind in the country.

The WEEKLY will continue to present to

is readers the world's news most interesting to Americans, to make important advances in both the literary and artistic features, and to retain for itself the leading place in the illustrated journal sm of the world. Newspapers are not to copy this advertisemen without the express order of Harper & Brothers.

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