

Democratic Watchman

Bellefonte, Pa., September 13, 1889.

Farm Notes.

In addition to growing rapidly trees set in the poultry-yard are not only healthy but add to the comfort of poultry in affording good shade.

It costs no more to feed and raise the best than it does the poorest, while the difference in the quality will make a considerable difference in the profit.

In growing vegetables of any sort for shipping to market it is always a good rule to plant largely of those with which the market was overstocked the last season, and less largely of those which then ruled highest in price.

A correspondent of the *Live Stock Indicator* says: "I can invest \$1000 in sheep and burn every pound of wool produced for five years and make more clear money than can be made on cattle, horses or hogs in the same length of time."

The *Rural New Yorker* has been asking a number of experts about the uniformity of cream, and has elicited replies to the effect that there is as much difference in samples of cream as in the cows and the milk from which the samples come.

Although poultry-breeding is ranked among the small beginnings in commercial circles, still, like other pursuits it requires common sense and good management, and to be kept within the limits of the ability and facilities of him who embarks in it.

The effect of damp ground and stagnant water on fowls, especially on young turkeys, is well known. Fatal diseases follow as inevitably in those cases with human exposure to miasmatic exhalations. A dry gravelly spot is absolutely necessary to healthful conditions.

The editor of *American Bee Journal* says: "A good queen lays the eggs in regular order, and one in a cell. The presence of four or five eggs in a cell suggests that either the queen is a poor one (or drone-layer, as she is sometimes called), or that the hive contains laying workers."

A calf born in fall or winter is worth two born in the spring for profit. A spring calf is so young that it gets little good from pasture the first season, or by the time it can fight flies successfully and crop grass enough to really aid in nourishing it, winter is at hand and it is placed on dry food.

It is usually contended when a swarm once deserts a hive it is useless to put them back in the same hive in the same place. But the experience of C. H. Dibben has been different; in several instances this year he has returned swarms to the same hives, and they have generally remained.

So far as possible the farm ought to supply all the feed necessary to keep the stock and to fatten for market, and the number of stock that can be kept will depend largely upon the way the food is supplied, and the value of the manure will also largely depend upon the same conditions.

As the summer goes on select your best birds to keep or sell as breeding stock. Put by, also, the strongest, quickest growing ones of the others for roasting chickens, to be sold late in the winter. Then sell the rest as fast as they are big enough, before the market gets their autumn overstocking.

In Tioga county, N.Y., Hungarian grass is largely grown as a summer food for cows and a supplementary hay crop. It is considered more succulent than millet, and cows eat it better. It is thought better for producing milk than timothy hay, as cows will increase in milk on going from timothy to Hungarian hay.

A fruit-grower reports that, having an orchard of young trees badly infested with bark lice, he had a solution of sal soda—nail a pound to a gallon of water—and applied it with a white-wash brush. In a week's time they were all dead and washed off. The trees grew two feet a year afterward, and remained very healthy.

Never whip a horse when he is frightened or nervous, or try to force it up to the object that has caused the alarm; draw in on the reins, suddenly speak out with assurance that you are not afraid, then turn the animal a little way from the unpleasant sight and bid it go. A blow of a whip upon a frightened horse gives it double cause for violent action.

"Many of the dairy authorities," says the *Rural New Yorker*, "advise the growing of parsnips as a food for butter cows. Many claim that this root is better than the carrot as a butter-producing food. It is frequently said that large quantities of parsnips are grown on the Island of Jersey. Have any of our American dairymen ever grown the root on a large scale?"

The sterility of many soils is due more to their mechanical condition, their texture and relations to heat or moisture, than to lack of plant food. Such soils want amendment first and manure afterward. Some soil will give good returns for manuring; others without irrigation or amendment by draining, tillage, the use of lime, marl or muck, etc., will not.

A Tennessee farmer sold the proceeds of twenty-six sheep for \$230, or nearly \$9 per sheep. Of this sum only \$55 was from wool, the mutton and lamb bringing \$175. This shows that sheep will pay without producing a single pound of wool, and that the farmers should turn their attention to the mutton breed rather than to merinos. The mistake made by some farmers is that of raising sheep for wool principally, instead of for mutton, lamb and wool.

A flagstone floor with cemented joints is best for the dairy. Wooden floors are apt to rot out, and brick floors absorb the spilled milk, soon becoming very offensive. If bricks are used the floor should be kept painted all the time, and even with this extra trouble it is not so good as flagstone and cement. The flagstone underground is always easily kept cool, as a dairy floor should be.

To attempt to improve scrub stock by selecting and breeding is poor economy. You can purchase improved stock and secure the benefit of the work of others cheaper than you can do the same works yourself. Good grades are desired, but they should be females. Never use a grade male for breeding purpose. The only way to improve the stock cheaply is to infuse new blood by procuring thoroughbred males.

A correspondent who has used stable manure freely on young peach, pear and apple trees (which made four feet growth this season) complains of no fruit, and desires to know the kind of mineral fertilizer to use. The fact that the trees have made such excellent growth indicate their thrift. They only need age to bring them into bearing. A pound of bone dust, with half a peck of wood ashes, applied next spring over the ground around each tree, will be sufficient. Cease the use of stable manure until the trees begin to bear well.

Aim to supply the market with something that is not usually provided in sufficiency. It is not economical to grow the crops that demand the least labor. It is the labor that gives value to all crops, and the best profits are made on those crops that require constant attention and frequent cultivation. An acre of asparagus or celery will pay a larger profit than ten acres of corn; but less labor may be required on the corn. It matters not what the expense of making a crop may be if the crop sell at a price correspondingly. It happens sometimes that an easily cultivated crop does not give any profit at all.

Completion of an Important American Enterprise.

It is about one hundred years since the first edition of the *Encyclopaedia Britannica* appeared. Its earlier circulation in this country was very small, not 2,000 sets of any of its first eight editions having been sold here. Very naturally it was not looked upon as a work for American scholars, and, in its preparation, very little regard was paid to things especially American.

The Ninth Edition began upon the same basis, but, about the time its tenth volume was issued, American enterprise undertook its sale in America on the subscription plan, and there has, already, been placed 100,000 sets, greatly exceeding its sale in England. With this great sale came the wide-spread discovery of the entirely "too British" character of the *Britannica* for American students, and hence rose the demand for an American Supplement, which would complete for American scholars the greatest of all Encyclopedias. It was therefore undertaken, about seven years since, and has been completed.

PLAN OF ITS ISSUE.

1st. The employment of eminent American expert authorities, to examine each subject treated in the *Britannica* by English writers.

2d. To supplement every article of the *Britannica* requiring it, with information important to American subscribers.

3d. To treat subjects of recent development (not treated in the *Britannica*) which invention, discovery, or scientific progress made such treatment important.

4th. To treat of living men of eminence, such as Gladstone, Bismarck, Stanley, Edison, Blaine, etc., because biography of no living men is admitted in the *Britannica*.

It is worthy of notice that, while the *Britannica* is not subject to the protection of an American copyright, and is therefore issued here in various editions, this American supplement (designed to Americanize the *Britannica*) is necessarily an American enterprise, is copyrighted, and is issued in volumes exacting to match the various editions of the *Britannica*; and while costing more than double per volume for its issue is supplied at the same price as the *Britannica*.

This work has required years of labor in its preparation, and has received the most emphatic endorsement of the American and European Press, and of eminent scholars, from which we quote a few.

The *New York Herald* says:—"The *American Supplement* to the *Encyclopaedia Britannica* seems to be all that is necessary to round out and complete the English work."

The *New York Observer* says:—"The *American Supplement* is worthy of a place by the side of the great *Encyclopaedia*."

The *Boston Herald* says:—"There has been a great demand that the *Encyclopaedia Britannica* should be supplemented. The plan followed in this *Supplement* has been broad and intelligent. Every American who has a copy of the *Britannica* must have the present work also."

APPLE CUSTARD PIE.—Take three large sour apples and pare, core and slice them; line a deep pie plate with rich crust, then a layer of sweet apples and sprinkle over them a layer of sugar, then another layer of apples and more sugar, and so on until the dish is as full as you wish it; then half a nutmeg over them and add one teaspoonful of butter. Lastly, pour over all three tablespoonfuls of rich, sweet cream and three of water. Bake in an even oven.

THE CUTEST LITTLE THINGS.—"Cute!" he echoed. "Well, I don't know as the adjective would have occurred to me in just that connection. But if you mean that they do their work thoroughly, yet make no fuss about it; cause no pain or weakness; and, in short, are everything that a pill ought to be, and nothing that it ought not, then I agree that Pierce's Pleasant Purgative Pills are about the cutest little things going!"

THE LADIES' FAVORITE.—The newest fashion in ladies' hats will doubtless cause a flutter of pleasurable excitement among the fair sex. Ladies are always susceptible to the changes of a fashion plate; and the more startling the departure, the more earnest the gossip over the new mode. Dr. Pierce's Favorite Prescription is a positive cure for the ills which afflict females and make their lives miserable. This sovereign panacea can be relied on in cases of displacements and all functional derangements. It builds up the poor lagged and dragged out victim and gives her renewed hope and a fresh lease of life. It is the only medicine for woman's peculiar weakness and ailments, sold by druggists, under a positive guarantee from the manufacturers that it will give satisfaction in every case or money refunded. Read printed guarantee on bottle wrapper.

A plain but very good pudding is made by mixing together one pint of bread-crumbs grated and rolled, and a full cup of grated fresh cocoanut, or desiccated cocoanut, if more convenient. Pour over it boiling one and a half pints of milk which has come slowly to a boil in a teakettle boiler, with two tablespoonful of butter; flavor as preferred; pour into a pudding-dish buttered and lined thickly with bread-crumbs. Bake a delicate brown.

FACTS WORTH KNOWING.—In all diseases of the nasal mucous membrane the remedy used must be non-irritating. The medical profession has been slow to learn this. Nothing satisfactory can be accomplished with douches, snuffs, powders or syrings because they are all irritating, do not thoroughly reach the affected surfaces and should be abandoned as worse than failures. A multitude of persons who had for years borne all the worry and pain that earthly can inflict testify to radical cures wrought by Ely's Cream Balm.

—A Florida paper thus tells how a snakebiting horse was cured. "About two weeks ago J. W. Gerald's mare was bitten by a snake in his grove, on Lake Harris, supposed to have been a moccasin. The mare had spasms, and the first night after being bitten charged all over the grove on a dead run. She then swelled until her hide was as tight as a drum-head. Mr. Gerald tried three remedies, and cured her; a strong hot salt bath drenched with tobacco tea, and with a tea made from the moss which grows on the north side of forest trees. The mare was sick 12 days."

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