

Agricultural.

Winter Fattening Live Stock.

The time has come when farmers are beginning to select themselves what stock they shall buy to feed this winter. It is impracticable, and in my opinion unprofitable, to summer as much stock as should be kept during the winter, to consume coarse fodder and coarse grain that could be fed on the farm.

Sheep and young cattle are generally preferred—sheep especially, because they will work up more coarse feed than any other stock into valuable manure. But there is not always profit in sheep, and the probable low prices for pork and other meats make farmers cautious. Some good farmers feed sheep or steers regularly every winter, and regard to profit. 'Don't ask me,' said one of them to me a year or so ago when I asked him how much money value of corn he had fed some fat steers 15 weeks of time. 'I make a rule never to sell any corn or oats. Sometimes I get pay for it, but often not. What I care most for is in always getting a pile of rich manure, and my land is constantly growing more productive. Not many farmers have the courage to follow this policy, yet whenever they do, such farmers are the wealthiest and most successful in their neighborhoods. This indicates that more money is lost from half crop grown at great labor and expense in summer, than from half price hay, cornstalks and coarse grain fed in winter. It is rare that some return, though small, is not got from wintered grain, and this, with the manure, is worth more than the full price of coarse grain in money.

Undoubtedly there is more gain to be had from fattening animals than from growing them. The increase in a fully grown animal is mostly carbon—the cheapest and most abundant element of plant food. But in making bones, wool and milk, there are large losses of phosphate of lime and nitrogen. In England it is mostly this fact was recognized in the place of animals. A full grown animal sold for more per pound before fattening than afterward. Here we think ourselves very fortunate if the fattened animal does not bring one to two cents per pound more than before it has been fed. One cent per pound increase in price makes, with the gain in weight, very fair pay for feeding sheep.

Hogs make less manure for the value of their food than any other animal; but what they do make is of the best. It is generally claimed that hogs make more flesh from the amount of grain than any other animal yet I doubt whether at the present low prices of corn hogs pay for the grain consumed in most farmers' hands. One trouble is that much of the grain is lost by wastefulness in feeding. Bushels of ears of corn thrown into a mixture of mud and manure will not fatten hogs rapidly. As the weather becomes colder the waste will be greater. It seems more wasteful to feed soft corn to cows or other cattle because much is wasted in the excrement, yet I believe it will be better especially if fed at this season to milk cows. Our late falls, last year and this, are leaving cattle in pasture long after the herbage is exhausted. There is little growth of any grass after the middle of September, and usually before October closes, cows will shrink in their milk unless fed something in addition to what they can find in pasture. Sown corn is the natural substitute for grass during the hot dry weather of August. At this season, as old and rain much the best they need something more substantial. Soft corn and small rubbers come in as the most natural and best supply.

Buy Small Trees. Nurserymen usually describe in their catalogues as "second class" seedlings, "first class" and "extra." The difference in these classes is principally, if not wholly, in the size and height of the trees; and as most farmers desire the best they suppose that the larger "extra" trees merit that description, and hence order them. The fact is, however, that a small tree will grow faster and (if a fruit tree) come into bearing condition sooner than a large one; and, as the New England Homestead states, in half dozen years the tree that was small when planted will be larger and finer than any other. The larger the tree, the larger the roots which it has, and the less fibres there will be upon them. A tree that has plenty of fibrous roots will grow readily if proper care is used in transportation; but no amount of skill can coax a tree to live and flourish which is destitute of these little fibres. The roots of large trees are always more or less mutilated in the process of taking up, while small trees sustain little injury from this source. Dealers in trees assert that experienced men buy small, thrifty trees, while those who are just starting are anxious for the largest to be had. Those who are to set trees the coming season will do well to learn from the experience of those who, at considerable loss to themselves, have demonstrated that small trees are the ones to buy.

How Farmers Lose Money. By not taking one of more good papers. Keeping no account of farm operations, paying no attention to the market, in the stock in time save nine, in regard to sowing grain and planting seed at the proper time. Leaving reapers, plows, cultivators, &c., unheeled from the rain and the heat of the sun. More money is lost in this way annually than most persons would be willing to believe. Permitting broken implements to be scattered over the farm until they are irreparable. By repairing broken implements at the proper time, many dollars may be saved—a proof of the assertion that time is money.

Attending auction sales and purchasing all kinds of trumpery, because in the words of the vendor, the articles are very cheap. Allowing fences to remain unrepaired until strange cattle are found grazing in the meadow, grain fields, or browsing on the fruit trees. A Knowing Heart. An anecdote is related of a court held in Kansas during the past year, which was regarded as the richest in its line of any that had been recorded, and given to our readers as nearly as we can recollect it. The case on trial was of the sale of liquor. The principal witness was singularly obtuse; and though confessing to having made a purchase could not for the life of him tell what the article was. The most ingenious questioning would not bring it out. At last the attorney asked him, 'How did it taste, 'I don't know.'

Here the court interposed, alleging that to be an improper question, and inquired of the attorney why he put such an interrogatory. 'Well, your Honor,' replied the attorney, 'I was unable to make the witness tell what kind of liquor he bought; but I thought that if he would tell how it tasted, the court would be able to determine for itself.'

The hit was too palpable; and not even the solemnity of the place or the cause, was sufficient to suppress the mirth of the audience. 'Well, your Honor,' replied the attorney, 'I was unable to make the witness tell what kind of liquor he bought; but I thought that if he would tell how it tasted, the court would be able to determine for itself.'

GILES' LINIMENT IODIDE AMMONIA. Cures all Pain in Man and Beast. TESTIMONIALS: Phyllis (Wife of a Farmer) writes: 'I was afflicted with this terrible complaint, which was attended by doctor after doctor, until I was almost a corpse. I was then advised to use your Liniment, and I found it to be a most valuable medicine. I applied it to my joints, and I was cured. I can now do all my usual work, and I am very much obliged to you for your kind and valuable medicine.'

THE HOP BITTERS. (A Medicine, not a Drink). CONTAINS Hops, Buchu, Mandrake, Radish. And the Purest and Best Qualities of all other Bitters. THEY CURE All diseases of the stomach, bowels, blood, liver, kidneys, and all nervous debility, general complaints and drunkenness. \$1000 IN GOLD Will be paid for a case that will cure or bring relief to any person who is afflicted with this complaint. Ask your druggist for Hop Bitters and give him the name of the proprietor, and he will send you a bottle free of charge.

NORTHERN CENTRAL RAILWAY. WINTER TIME TABLE. On and after Monday, November 15th, the trains on the Philadelphia and Erie Railroad will run as follows: WESTWARD. Erie Mail leaves Philadelphia 11:55 p.m. ...

ADMINISTRATORS' SALE OF VALUABLE REAL ESTATE! Pursuant to an order entered on the Orphans' Court of Columbia County, the undersigned Administrators of the estate of Isaac Yeager deceased will expose to public sale on Saturday, January 11th, 1879, at ten o'clock a.m., the following described property: Tract No. 1-24. A CERTAIN parcel of land situated in Columbia County, State of Pennsylvania, bounded as follows: on the west by lands of John Yeager, on the north by lands of John Yeager, deceased, on the south by lands of John Yeager, deceased, and on the east by lands of John Yeager, deceased.

VIGORENE THE GREAT FOSTIVE CURE. For all kinds of Rheumatism, Gout, Gravel, Neuralgia, Sciatica, etc. It is a powerful and reliable remedy for all these ailments. It is sold by all druggists and chemists.

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THE WHITE SEWING MACHINE. THE BEST OF ALL. Unrivalled in Appearance, Unparalleled in Simplicity, Unsurpassed in Construction, Unprecedented in Popularity, and Undisputed in the Broad Claim of being the VERY BEST OPERATING, QUICKEST SELLING, HANDIEST, AND MOST PERFECT SEWING MACHINE IN THE WORLD.

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