

Agricultural.

STORAGE OF FALL CROPS.

How to Keep Fruit and Vegetables in Silos.

Not a bushel of apples should be left to rot on the ground, says the Massachusetts Ploughman. Apples are good for family use, but their use is limited. They are just as good for use as for man. A horse will eat ten apples, if he has an opportunity, where a man eats one, and seemingly with a much better result. The same is true of a cow, a sheep and a hog. We have fed our horses a peck of apples daily for nearly two months, and they never fell or looked better. Their hair is dark and glossy, and they are evidently in good health and heart. The cows have had the same allowance for the same length of time, and while the flow of milk has been unusually large and good, their flesh has increased on this diet. As for the hogs, they have been fed on apples for breakfast, dinner, and supper, and have thrived wonderfully. We propose, therefore, that the apple crop so far as it is not wanted for the home and foreign markets be stored in silos and fed out to the stock in winter, the same as ensilage.

In storing apples in the ground, we have practised putting them in barrels and digging a trench in dry, sandy soil three or four feet deep and just wide enough to admit the barrels placed longitudinally. Cover with the earth dug out of the trench, heaping it up in a shape so as to shed rain. If the tops of the barrels are a foot below the surface of the ground, the apples will not be injured by the frost, though they may be partially frozen. The expansion by freezing and contraction by thawing are so slow at this depth that the cells of the apples are not burst in the operation, and the fruit comes out in the spring as fresh as when first plucked from the tree. The only objection to this mode of storing apples is that they do not keep long when in the spring they are taken from the winter silos. As barrels are scarce and high this fall, we propose to bury a good stock of apples in trenches without any other covering than dry soil. We have never practised this mode ourselves, but have known of others doing it with good results. The enhanced market price in the spring usually pays well for the increased labor.

Much in the same way may cabbages, beets, turnips, etc., be stored. Cabbages will keep well with very little protection from mother earth, and so will turnips, as both these vegetables are very hardy. Beets require a little more covering, as also do potatoes. Our plan with cabbages is to dig the trench only six inches deep and place the heads down, and we have known them to keep well if the roots extend through the soil into the air, but as this makes a passage for air and moisture we prefer to bury them entirely out of sight, heaping up the earth round shade as in the case of apples. Some recommend leaving an air space for ventilation in the fore part of autumn, when fruit and roots are stored in pits and trenches, but in case the storage is made when the weather is cool—we have not seen storing in this way till late in the season—we do not wish any air to circulate in the silos. The closer they are the better. This mode of storing is only the canning principle extended, using earth pits for bottling up the fruits and vegetables. Masonry silos may be still better than earth trenches, but they cost more.

FINE FARMING.

WHAT FIFTY ACRES CAN PRODUCE.

What does a man get on fifty acres of land? Fifteen acres in permanent meadow, as it is called, or mowing. This will yield thirty tons of hay. It may seem extravagant, says the New England Farmer, but when it is remembered that on many large farms now that are highly manured in spots, two or even three tons is not an uncommon yield, it is very safe to reckon on this crop. In fact we know of many small farms which cut, on an average, two tons of hay per acre. Put down then thirty tons of hay. Next, twenty acres in pasture. This may be more than is necessary for the stock which a farm of this size will carry; for with a system of soiling, or careful soiling, the area for pasturage could be much reduced. Next, five acres of arable land, two for wheat, one for corn, one for potatoes, and one for early crops, vegetable garden, etc. If the location is one near to a good local market, where what is called "garden truck," or small fruits, find a ready sale, more land may profitably be devoted to these last-named crops, and less to grain or to the broad crops of the field. This must be decided by the circumstances of location, season to market, etc. There are left of our farm of fifty acres, ten acres of wood-land, and this, if of good, heavy growth and carefully managed, will be sufficient for the demands of a small family. Or, if near a town, or on a farm where land is too valuable for purposes of growing food, the ten acres may be reserved as a wood-lot may be depended upon, put into other crops, to provide wood or coal for the yearly wants of a family. On this farm of fifty acres may be kept one horse, heavy enough for some farm work, and of good style for family riding; or two horses, if necessary. There may also be kept eight cows, six shoats, and twenty-five hens. This stock will yield sufficient dressing for abundance manuring the twenty-five acres in crops, and mowing once in five years. From the wheat, corn, potatoes, and garden a sufficient amount of crops and fruit may be grown for the wants of an average family. There will be ten tons of hay to be sold annually, which may be carried from the farm without injury so long as plenty of manure is used, and the land well kept up by hort rotation.

SALT ON WHEAT.

Salt has been often tried on Ontario farms, and it is unfortunate that no carefully prepared results have been preserved. It is finding favour in the Western States for wheat-growing. Mr. Jas. McMurray recently made an experiment with salt upon different parts of a field of wheat on his farm in Hendricks county. At that time the wheat had not been threshed, but the appearance of the heads and stalks indicated a considerable advantage in the case of the most heavily salted parts of the field over that upon which no salt was shown. Mr. McMurray made as careful an estimate as was possible of the yield on the different plots of ground, and found that those treated with salt made a yield of about four bushels per acre more than that which was not so treated. The salt was the refuse article bought at pork-houses for 50c a sack of 250 pounds. He put an average of 500 pounds of salt, costing \$1, to the acre. The salted wheat matured some ten days earlier than the other, a point that is often of great importance, and increased the value of the crop some \$3 more than the cost of the salt applied. He gives the result of another experiment conducted at the same time which is worthy of record. He sowed the same field in clover about the time the salt was applied, and found that on the portion treated to 250 pounds of salt per acre the clover stands well. On the portion treated to 500 the stand is not good, and on the por-

tion treated to 1,000 pounds there is no clover to a line. The set of clover on the portion of the field not sown with salt, or sown with 250 pounds per acre, is very good, indicating that too much salt is damaging to the young plant.

BEST TIME TO SOW GRAIN.

Among our worst drouths are those that occur early, hurting and thinning the crop in the start, when it is least capable of resistance, and from which it will never fully recover. Sometimes it is ruined, especially when badly put in on poor ground, making re-sowing necessary, and compelling the plant to run the gauntlet of mildew and summer drouth. The remedy is early sowing, preparing the land in the fall, so that only harrowing is needed in the spring. Much land can thus be sowed in a short time, the soil being drained, thus fitting it all to be put in, and in rich and in good condition, the winter moisture, aided by warm weather, will start it. If cold and dry, the seed will remain in such soil un-hurt, and the first warm rain will put it forward. You cannot well run spring grain in a good soil that has all the necessary requirements. It is better still with winter grain, only however with such a soil. Even should a drouth cause a late start of the grain in the fall, it will maintain itself in the good ground in which it is put, getting the benefit of the winter moisture in the spring, which will establish the crop, cool weather not preventing its covering the ground. This last is of importance, and applies more or less to all crops. Secure a thick covering, which implies a proportionately good soil, and only an unusually severe drouth will materially lessen the yield. —Country Gentleman.

On account of the new measure law, which compels us to sell by the Imperial measure, the price of our Altar Wine will be \$1.80 per Imperial gallon, which is one-fifth larger than the old measure. The price remains the same, as 1-5 colonial gallons, at \$1.50, is equal to one Imperial gallon, at \$1.80. CORR & CO., 245 Notre Dame street. eow17-G

The Empress Eugenie, so the Whitehall Review states, has decided to leave England, being moved to that determination by Parliament's setting itself definitely against the erection of a monument to the Prince Imperial in Westminster Abbey. She will probably go to reside at her Chateau at Arenberg, Switzerland, and her present intention is to erect a mausoleum wherever she fixes her residence, and remove the remains of her husband and son to England.

Consumption Cured.

An old physician, retired from practice, having had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure for Consumption, Bronchitis, Catarrh, Asthma, and all throat and Lung Affections, also a positive and radical cure for Nervous Debility and all Nervous Complaints, after having tested its wonderful curative powers in thousands of cases, has felt it his duty to make it known to his suffering fellows. Actuated by this motive and a desire to relieve human suffering, I will send free of charge, to all who desire it, this recipe, in German, French, or English, with full directions for preparing and using. Sent by mail by addressing with stamp, naming this paper, W. W. SERRAR, 149 Powers' Block, Rochester, N.Y. eow-G

Good Advice. We advise every family to keep Down's Elixir always on hand. It is the best remedy for coughs and colds ever offered to the public.

Legal Notices.

NOTICE

IS HEREBY GIVEN, that application will be made to the Parliament of Canada, at its next session, for an Act to incorporate "The Wrecking and Salvage Company of Canada." Montreal, 1st September 1880. HATTON & NICOLLS, Solicitors for Applicants.

CANADA, Province of Quebec. District of Montreal, Superior Court, No. 660. DAME MARY JANE G. MEIKLE, of the City and District of Montreal, wife of James Douglas Wells, of the same place, Insurance Agent, duly authorized a *cestui en Justice*, Plaintiff, vs. the said JAMES DOUGLAS WELLS, Defendant. An action *en separation de biens* has this day been taken in the above case. Montreal, 22nd September 1880. MACMASTER & GREENSHIELDS, Attorneys for Plaintiff.

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GOING NORTH. Day Express leaves Boston via Lowell at 8:00 a.m., via Fitchburg 8 a.m., Troy at 7:40 a.m., arriving at Montreal at 6:20 p.m. Night Express leaves Boston at 5:35 p.m., via Lowell and 8 p.m., via Fitchburg, and New York at 3 p.m., via Springfield, arriving in Montreal at 8:55 a.m. Night Express leaves New York via Troy at 7 p.m., arriving in Montreal 10 a.m. For Tickets and Freight Rates, apply at Central Vermont Railroad Office, 138 St. James Street. W. B. VIALL, Canadian Passenger Agent. Boston Office, 260 Washington Street. New York Office, 417 Broadway. W. M. F. SMITH, Genl. Passenger Agent. J. W. HOBART, General Superintendent. St. Albans, Vt., April 1, 1880. m 1-g

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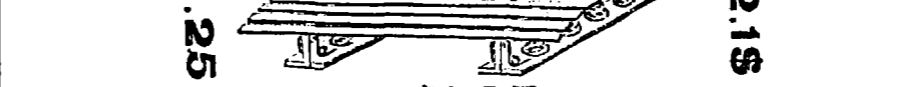
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