

Colony and Farmer

LUGHRIN & SON, Proprietors.

POSTAGE PAID.

SUBSCRIPTION—\$1.00 a year

OLD SERIES VOL. 13, NEW SERIES VOL. 8.

FREDERICTON, N. B., SEPTEMBER 4, 1876.

NO. 49, WHOLE NUMBER 679

Editorial.

RENEW! RENEW! RENEW!

A large number of subscriptions to the *Colony and Farmer* are now falling due. We hope our friends will not neglect to **RENEW PROMPTLY**, and thus prevent their papers from being discontinued. It only takes ONE DOLLAR. We have no Agent travelling this summer, so it will be necessary to forward the amount of subscription direct to this office. Register your letters and they will be at our risk. Please attend to the matter at once.

Farm Implements

What a difference in the method and system of farming now, when compared with "old times," which many who have passed the meridian of life can well remember. This change has been the result of inventions and improvements which have gone a great way to lighten labor as well as facilitate operations. The workshops of the present day team with labor saving machinery. The farms are covered with labor saving implements. Progress has marked the nineteenth century, and in no one direction more than in the development of inventive genius. Let us moment look at the past and the present as regards farm labor. Who is it that don't remember the old-fashioned fall, and call to memory the many weeks of hard threshing which was a necessity of the time. Many a man remembers the first time he essayed to swing this all important instrument in his boyhood days, and how successful he was in repeatedly bringing it in contact with his neck, inducing him sometimes to affectionately embrace the pile of straw he a moment before felt a strong desire to thresh. Now the old fall is almost a thing of the past, and the threshing machine does all the work in a few hours. To scythe which was once the only implement for cutting grass, is now more of a supplementary affair than the real machine used for that purpose. Hand mowing was a very pretty thing to look at, and poets have exhausted their powers in describing its beauties while the painter has invariably introduced it with striking effects in his summer scenes of farm life; but among their lights and shades they did not picture the long weeks of hard toil, the back-aches, the shoulder-aches, and all the other aches connected therewith. And as with the reaping, they extolled the beauties of the landscape of which the weary reapers formed the chief attraction. Well, so far as these matters are concerned, the romance and poetry have gone out of farming, and for that matter there never was much of such things to those who mowed and reaped, and toiled and sweated, with hard labor from early morn to dewy night. Now the mowing machine and the reaper accomplish the work in a day or two, and the clatter of the machines as they pass over the fields, is music to the farmer, such as he never heard in the swinging scythe or sickle.

Then there are the horse racks, the hay forks, the tedders, the cultivators, and the many of the improved implements. What an amount of downright hard labor they save. Yet the list is not completed, more are wanted, more needed, and life and joy shall have them. This century which has given us the electric telegraph and shortened almost to a span the distance between the old and new worlds, is full of inventions, which to the use of mankind. If the articles will be developed and made subservient to man, it is not a success, that is no argument why it will never be. If the numerous potato-diggers and some other dry-be farm implements are more or less failures, that is no reason why they may not be perfect machines some day or other. We shall have them, but must bide our time. Farm life now has much more of toil about it than it had in the past, and yet with all the advances of the present day, there is much hard work to be done. It is no idle life, although a happy one. To the farmer the introduction of machinery means broader fields and more extensive and careful cultivation. It means the production of five or ten times as much of a crop, as there would be under the old-fashioned hand work. It means the ability to produce, in and for our own country, all that is needed for man and beast. Success to the inventors of farm implements, and to prosperity and success to the farmer who makes good use of them.

PROTECTION.

There is a great deal of talk just now about protection; and some of the newspapers in the upper part of the Dominion are advocating a policy which needs being well considered before being acted upon. We may have occasion to give this question some prominence very long, but in the meantime would advise our farmers not to commit themselves to any scheme or policy under the impression that as a class they would be benefited. The cry of protection has been raised in the interests of low selfish individuals or firms, who knowing their own political weakness and insignificance, and seeking to secure the aid and strength of the farming population, towards a successful maturing of schemes, in which the agricultural has no interest whatever. Without going into the subject at present, we may state, that from our present stand-point, we are unable to discover wherein farmers are to be benefited by a protective tariff. On the contrary we see and feel that it would enhance the price of almost everything they need to purchase. But as we purpose returning to this subject, by and by, we would again repeat what we said above—Do not commit yourself, or in any way encourage the effort now being made to secure year votes, for the purpose of forcing upon the Dominion Parliament such a change in the tariff as should benefit the few at the expense of the many.

Stay Home.

Accounts received from many of the western states show that growing crops have wholly or in part been destroyed by the caterpillars or grasshoppers. This has occurred for a succession of seasons, and great distress has been and is the result. Many of our young men—old ones for that matter—who have come to make homes in these states, are among the sufferers. They have worked hard—twice as hard as they ever did or needed to when here, and grasshoppers, caterpillars, and other home-destroyers have reaped the harvest. Young men stay home, if you know when you are well off. If the homestead is too small, branch off, and take a lot of land on your own account, and stick to it. Take the money you must have to enable you to go to other lands and settle there, and expand it on your new farm in this country, which you can get for almost nothing, and if you do you will soon be an independent man. No grasshopper or caterpillar plague, nor long droughts will find you to eat up and destroy your crops and bankrupt you almost before you begin work. This country will afford you all you want if your demands are reasonable, and you are sure to prosper and live comfortably if you will pay attention to your business. Fields look green at a distance. Don't mind them. Your own are fresher and more beautiful if you would only think so.

Crops in Maine, &c.

A correspondent, writing from Saco, Me., thus refers to agricultural matters, so far as relates to his State and these adjoining:

"Early in the season there was more apprehension of drought than has been realized thus far. The heat and drought together are causing somewhat premature ripeness in fruit—probably resulting in hurrying up and away the early sorts, and diminishing the keeping qualities of later ones. Just now we are having a very dry spell here, but my impression is that crops generally have not suffered so much, as to reduce them below average. It may be the case in the Southern half of New England, and we understand that even now, the hay crop is very light there. In a letter I have from T. S. Gold, Sec. Board of Agriculture, Connecticut, dated 17th inst., he adds at the bottom:—'Yesterday we had a good shower. We are very dry—the extreme heat is ripening fruit prematurely.'

Correspondence.

For the Colonial Farmer.

RURAL TOPICS.

DAIRY BARN.

Milk is often affected injuriously by getting heated in warm weather in badly constructed barns. The Dairy editor of the Rural New Yorker says: "The milking barns which are thought to be most convenient by dairy men of long experience are arranged with doors opening at the end of the stable, the cows taking their place on either side, their heads turned towards, and with a wide, open space between the two rows of animals. The herd enters the stables at the wide doors in the

center of the end part of the building and the animals take positions on either side, and thus one man is enabled to make secure in the stable a large herd in a very short space of time. If wide doors are arranged at both ends of the building, and if it stands so as to get the sweep of prevailing winds through the center of the stable, the animals and milkers may have a tolerably cool place in hot weather during the time of milking. But in many cases the barn is so located and the ventilation imperfect that the heat and animal odors are almost intolerable throughout the hot months. Such a state of things causes great discomfort to both milkers and animals, besides doing great injury to the milk.

FRUIT TREES ON DIVISION LINES.

When fruit trees grow near division lines, and the fruit fall over the fence upon a neighbor's land, the question may be asked, "To which party does such fruit belong?" In England it has been legally decided to belong to the owner of the tree; but he has no right to go and get it without asking permission, because he would be trespassing. All he could legally do would be to ask permission to pick up his fruit; and if that he refused he would be compelled to see it lie and rot. Nor can the other party legally appropriate such fruit to his own use; but he can cut off every limb of his neighbor's tree which hangs over his ground; but he must be careful that he does not cut an inch beyond his line.

MAKING WINE.

It cannot be properly said that wine is made of anything but grapes; and thousands of people who have a supply of grapes, would like to make a keg, or a barrel of wine, if they knew how to do it. Three barrels of grapes will make a barrel of wine, and three barrels will make ten gallons of pure juice. Let your grapes be fully ripe, then gather them, and fill up of any decaying berries. Put them, stems and all, into a tub, keg, or barrel with one head out, and mash them with a pounder made for the purpose. When thoroughly mashed, (I am now giving directions for those who have no wine press) in small quantities at a time, put the entire mashings into a perfectly clean vessel of oak; and then commence straining the juice. Take a strainer of piece of coarse muslin, as open as your gut procure, make a bag of it that will hold about two gallons, and admit of being tied up a foot from the mouth; and if you have but a few pounds of grapes, make a bag of the same material, or by a lover when a barrel of it is to be pressed, as I have done many times. I am not aware to give full directions of any particular; but any man who has not succeeded, I think, on what I have said, will be ready to try. This system of green-manuring, as land can hardly be made too rich." This system of green-manuring can be profitably adopted anywhere.

PELLELAND.

This weed, frequently called "pusly" in many places, is a great nuisance, owing to the rapidity of its growth, and that it takes root in the driest weather when cut up and allowed to lie upon the surface of the soil. But many persons cut up this plant in their gardens and throw it upon their manure heap, not thinking of its numerous seeds, which are like small grains of black sand; and if seeds the result is that they then need to weed their gardens year after year to this weed in the use of the manure. Each plant has daily about twenty flowers, and each flower matures from one hundred to one hundred and fifty seeds, by actual count, as black sand powder in a capsule. In two or three days the seeds are scattered far and wide. But if this plant be hoed up thoroughly before it flowers—about July 1st—there will comparatively be but little trouble with it thereafter for that season.

ROBBERS BEES.

At this season of the year honey bees are most prone to robbing, the strong families robbing the weak ones of their honey stored up for winter use. They have not learned this thieving art from modern politicians, but it is innate with them—their strong families robbing the weak ones. When a family of bees is being robbed, it may be known by the great increase of bees around the

entrance, while many will be flying around near it in indecision as to entering; and a good many will be seen rapidly leaving the hive, and close to the entrance some of the bees of the robbed hive will be seen holding rubber-leaf prisoners which they kill by stinging; and sometimes hundreds of dead bees will be seen killed in the conflict. The remedy is immediately to contract the entrance of the hive, so that but one or two bees can pass at a time; and in some cases close it entirely, (giving ventilation by raising the live about an eighth of an inch) till next evening, then open to let out robbers, and let in the bees that belong to the hive, and close again for one or two days, afterwards keeping the passage-way contracted.

PLANTING TREES IN THE SPRING.

The question whether spring or fall is the better season for planting has been much discussed, and the conclusion reached has generally been, that in Western New York and similar climates, one is about as good as the other. My experience with hardy fruit and deciduous ornamental trees, is in favor of the fall. It is true that we have an occasional severe winter, when fall-planted trees suffer, but these are of rare occurrence. Last fall, quite late after the hurry of the season was over, I planted several hundred dwarf pear-trees. After planting, the earth was drawn up around the base, six or more inches above the level of the ground, to give protection to the roots and to keep the tree against the force of the wind. May 22nd I had the earth around the trees removed to the ground level, and found vigorous new roots, three to five inches in length, spreading in all directions from the quince stock. The tops are also pushing rapidly, and in the whole planting of three hundred trees there is not a failure. It is easy to see what an advantage these trees have over those planted in the spring, even under the most favorable circumstances for the latter. In spring planting it often happens that a long period of cold weather and drying winds follow the planting, and the trees get seriously dried before the growing season opens, or a dry or warm period comes before the roots have acquired vigor enough to sustain the tree under such adverse influence; they either die or linger along feebly all summer. We must take some risk in planting at any season, but on the whole, I think the chances are in favor of the fall for hardy, deciduous trees.—Patrick Barry, Rochester, N. Y.

RAISING GARDEN HERBS.

Few things add more to the pleasure of a thoroughly good cook than to have a good supply of kitchen herbs ready to hand. A little of one thing or another in this line often makes all the difference between a successful and an unsuccessful dinner. Every gardener should have a few. Perhaps the most useful is parsley. That has to be raised from seed, although if the flower-stalks are cut off as they come up in the summer, the same plants may be produced several seasons. It does not go to seed, however, the first season of growth; so that if sown early and got strong before summer comes, we can get a pretty good supply of leaves the first season. The seeds, however, take several weeks to germinate, and should be put in as early as possible. Another herb of great service to the best cooks is the leek: a kind of onion which is no onion, as it makes all tops and little roots. It is not as strong as the ordinary onion, and gives a delicate flavor to certain soups and sauces that nothing of the tribe will do. This leek is to be sown early and on very rich ground. But if possible the richness should be given to the ground the previous year. Fresh and rank manure is unfavorable to good leek culture.

MISCELLANEOUS.

Typhoid in the Milk-Can.

The English medical journals report another case in which a typhoid epidemic has been traced to infected milk. The village of Eagle, situated about two miles and a half from Bolton, has been suffering from an epidemic of typhoid fever, which has laid prostrate more than a hundred of the inhabitants. The medical officer, Mr. Robinson, suspected that all the affected persons received their milk from one farm, and accordingly procured samples and forwarded them to Mr. Sergeant, medical officer of health for Bolton, and to Professor Roscoe, of Owens College, Manchester. The former has expressed an opinion that the impurity of the milk is the sole cause of the epidemic.

Ask an Englishman what crop has been most instrumental in building up the agriculture of the right little island, and he will answer: "The Turnip." American farmers may not expect, perhaps, so great returns from this crop; for English farmers, by reason of their mild winters, are enabled to feed the turnip to a considerable extent, in the field where grown, thus saving much of the expense of harvesting. We have not yet learned by experience the full value of the turnip as an item of winter fodder, especially for fattening cattle, young stock, horses and sheep. The writer has in mind a dozen or more prominent sheep-raisers, however, who practice feeding turnips largely during the cold months, and with uniform success. Their flocks are always healthy. Their lambs bring the highest prices in the spring, and they find the custom far more profitable than feeding much grain. The famous Scotch beef of the London markets is nearly all produced from turnips and straw; and so far as we know, the animals mature quite as early as our American grain-fed beef.

THE TURNIP.

Though horizontal farming is expensive of labor and backbone, yet we are quite certain that more machine power will be economically applied in root-raising. The expense of cultivation has been the great drawback to the extensive growing of the turnip in this country. Yankee ingenuity ought to remedy this difficulty. In the matter of tilling and lifting from the soil, for example, the English manufacturers advise as an implement which report says is a real labor-saving machine. It is simple, and light, and cheap. Some of our enterprising dealers might either import the implement or adopt the principles involved. It serves for other roots as well. By its use 8 acres can be topped and pulled per day, requiring the labor of one man and a horse. By comparing several statements, we find the average cost of production to be less than 20 cents per bushel. By improved methods of cultivation, and intelligent use of manure, this cost can be reduced to 10 cents. It is the testimony of those who have tried it, that turnips are worth at least twenty-five cents per bushel for fodder. In the vicinity of cities and manufacturing villages we have known them sold for as high as 75 cents per bushel, and sometimes as high as \$1.00, for table use.

AGRICULTURE IN THE COMMON SCHOOLS.

A correspondent of the *Pacific Farmer* advocates the introduction of study of agriculture into our common schools, and remarks:—"I believe our agricultural colleges are steadily advancing to greater efficiency and usefulness—as fast, indeed, as the public sentiment of the agricultural population will sustain them. But what can a few agricultural colleges do among the millions of American farmers, unless the science they teach shall make its way through the channels of the lower schools? The thought is not a new one, but it is by no means a familiar one, and the agricultural press of this country can do no more important service to American agriculture than by urging it upon the public attention. Let the agricultural colleges be ready to second the movement by the preparation of text books and the training of teachers."

BEETS FOR COWS.

Last year I raised a lot of mangolds and carrots. The mangolds were gathered first and put in the cellar; afterwards the carrots were gathered and corded up on top of them, so that when I began to feed them to my cow, the carrots came first. The cow gave about her usual quantity of milk, excepting the usual shrinkage on the accession of cold weather and being put upon dry fodder. Fearing that the beets would not keep as well as the carrots, and also thinking that they possessed better milk-producing qualities, I was anxious to get at them. Accordingly I removed a part of the carrots and commenced feeding beets, when, to my surprise, the deficiency reached about one-third. Wishing to test the matter still farther, I changed back again to carrots, when her milk increased to about the usual standard. The quantity fed was about the same in either case—about a half bushel basket three-quarters full. If there was any difference, it was in favor of the beets.—*Chr. Rural New Yorker.*

A Profitable Hog.

The following description of a profitable hog was reported by the committee of the Swine Breeders' Convention at Indianapolis, Indiana: He must have a small, short head, heavy jaw, and thick, short neck; ears small, thin, and tolerably erect, not objectionable if they droop slightly forward; must be straight from the neck back to flank; must be let well down to the knees in bristles; of good length from head to tail; broad on the back; ribbed rather barrel-shaped; must be slightly curved or arched in the back from shoulder to the setting on of tail; tail of good length; ham from hock to letting off the loins; shoulder not too large to give symmetry to the animal; ham broad and full; hair smooth, and evenly set on; skin soft

and elastic to the touch; legs short, small, and well set under; broad between the legs; good depth between bottom and top of the hog; with pleasant, quiet disposition; should not weigh more than three or four hundred pounds gross, at twelve to eighteen months old, according to keep; color, may be black, or white, or a mixture of the two. The above-described hog will measure as many feet from the top of the head to setting on of tail as he does around the body, and will measure as many inches around the leg below the knee as he does feet in length around the body; depth of body will be four-fifths of his height.

FOOD FOR LEAN WOMEN.

If any one wishes to grow fleshy, a pint of milk taken before retiring at night will cover the acrawntest bones. Although, now-a-days, we see a great many fleshy females, yet there are ones who sigh for the fashionable measure of plumpness, and who would be vastly improved in health and appearance could their figure be rounded with good solid flesh. Nothing is more coveted by thin women than a full figure, and nothing provokes the scandal of one of the "clippier belles" as the consciousness of plumpness in a rival. In cases of fever and Summer complaints, milk is new given with excellent results. The idea that milk is feverish has exploded, and it is now the physician's great reliance in bringing through typhoid patients, or those in too low a state to be nourished by solid food. It is a great mistake to scruple the milk-pitcher.—*Country Gentleman.*

SORE FEET IN SHEEP.

Get some calomel, have a little sack made of thin flannel, say three inches long by half an inch wide, place some of the calomel in this and tie up. Clean out the sheep's feet thoroughly with a soft cloth, and then spread open the cleft as far as possible, without injuring the foot, and dust the affected parts by gently striking them with the sack containing the calomel. I presume it would be better to have a dry time to perform the cure, or to keep the sheep under cover for some hours after the application. I do not pay unless the case is a very bad one. It is a very convenient application, and is much less painful than the application of blue vitriol. The cure is much speedier and more certain. I have kept Merino sheep for many years, and after trying many things, have never found anything equal to this for the above, and for collar and saddle galls on horses, while there is not a particle of danger in its application in my experience.—*Country Gentleman.*

AGRICULTURE IN THE COMMON SCHOOLS.

A correspondent of the *Pacific Farmer* advocates the introduction of study of agriculture into our common schools, and remarks:—"I believe our agricultural colleges are steadily advancing to greater efficiency and usefulness—as fast, indeed, as the public sentiment of the agricultural population will sustain them. But what can a few agricultural colleges do among the millions of American farmers, unless the science they teach shall make its way through the channels of the lower schools? The thought is not a new one, but it is by no means a familiar one, and the agricultural press of this country can do no more important service to American agriculture than by urging it upon the public attention. Let the agricultural colleges be ready to second the movement by the preparation of text books and the training of teachers."

BEETS FOR COWS.

Last year I raised a lot of mangolds and carrots. The mangolds were gathered first and put in the cellar; afterwards the carrots were gathered and corded up on top of them, so that when I began to feed them to my cow, the carrots came first. The cow gave about her usual quantity of milk, excepting the usual shrinkage on the accession of cold weather and being put upon dry fodder. Fearing that the beets would not keep as well as the carrots, and also thinking that they possessed better milk-producing qualities, I was anxious to get at them. Accordingly I removed a part of the carrots and commenced feeding beets, when, to my surprise, the deficiency reached about one-third. Wishing to test the matter still farther, I changed back again to carrots, when her milk increased to about the usual standard. The quantity fed was about the same in either case—about a half bushel basket three-quarters full. If there was any difference, it was in favor of the beets.—*Chr. Rural New Yorker.*

A Profitable Hog.

The following description of a profitable hog was reported by the committee of the Swine Breeders' Convention at Indianapolis, Indiana: He must have a small, short head, heavy jaw, and thick, short neck; ears small, thin, and tolerably erect, not objectionable if they droop slightly forward; must be straight from the neck back to flank; must be let well down to the knees in bristles; of good length from head to tail; broad on the back; ribbed rather barrel-shaped; must be slightly curved or arched in the back from shoulder to the setting on of tail; tail of good length; ham from hock to letting off the loins; shoulder not too large to give symmetry to the animal; ham broad and full; hair smooth, and evenly set on; skin soft

and elastic to the touch; legs short, small, and well set under; broad between the legs; good depth between bottom and top of the hog; with pleasant, quiet disposition; should not weigh more than three or four hundred pounds gross, at twelve to eighteen months old, according to keep; color, may be black, or white, or a mixture of the two. The above-described hog will measure as many feet from the top of the head to setting on of tail as he does around the body, and will measure as many inches around the leg below the knee as he does feet in length around the body; depth of body will be four-fifths of his height.

FOOD FOR LEAN WOMEN.

If any one wishes to grow fleshy, a pint of milk taken before retiring at night will cover the acrawntest bones. Although, now-a-days, we see a great many fleshy females, yet there are ones who sigh for the fashionable measure of plumpness, and who would be vastly improved in health and appearance could their figure be rounded with good solid flesh. Nothing is more coveted by thin women than a full figure, and nothing provokes the scandal of one of the "clippier belles" as the consciousness of plumpness in a rival. In cases of fever and Summer complaints, milk is new given with excellent results. The idea that milk is feverish has exploded, and it is now the physician's great reliance in bringing through typhoid patients, or those in too low a state to be nourished by solid food. It is a great mistake to scruple the milk-pitcher.—*Country Gentleman.*

SORE FEET IN SHEEP.

Get some calomel, have a little sack made of thin flannel, say three inches long by half an inch wide, place some of the calomel in this and tie up. Clean out the sheep's feet thoroughly with a soft cloth, and then spread open the cleft as far as possible, without injuring the foot, and dust the affected parts by gently striking them with the sack containing the calomel. I presume it would be better to have a dry time to perform the cure, or to keep the sheep under cover for some hours after the application. I do not pay unless the case is a very bad one. It is a very convenient application, and is much less painful than the application of blue vitriol. The cure is much speedier and more certain. I have kept Merino sheep for many years, and after trying many things, have never found anything equal to this for the above, and for collar and saddle galls on horses, while there is not a particle of danger in its application in my experience.—*Country Gentleman.*

AGRICULTURE IN THE COMMON SCHOOLS.

A correspondent of the *Pacific Farmer* advocates the introduction of study of agriculture into our common schools, and remarks:—"I believe our agricultural colleges are steadily advancing to greater efficiency and usefulness—as fast, indeed, as the public sentiment of the agricultural population will sustain them. But what can a few agricultural colleges do among the millions of American farmers, unless the science they teach shall make its way through the channels of the lower schools? The thought is not a new one, but it is by no means a familiar one, and the agricultural press of this country can do no more important service to American agriculture than by urging it upon the public attention. Let the agricultural colleges be ready to second the movement by the preparation of text books and the training of teachers."

BEETS FOR COWS.

Last year I raised a lot of mangolds and carrots. The mangolds were gathered first and put in the cellar; afterwards the carrots were gathered and corded up on top of them, so that when I began to feed them to my cow, the carrots came first. The cow gave about her usual quantity of milk, excepting the usual shrinkage on the accession of cold weather and being put upon dry fodder. Fearing that the beets would not keep as well as the carrots, and also thinking that they possessed better milk-producing qualities, I was anxious to get at them. Accordingly I removed a part of the carrots and commenced feeding beets, when, to my surprise, the deficiency reached about one-third. Wishing to test the matter still farther, I changed back again to carrots, when her milk increased to about the usual standard. The quantity fed was about the same in either case—about a half bushel basket three-quarters full. If there was any difference, it was in favor of the beets.—*Chr. Rural New Yorker.*

A Profitable Hog.

The following description of a profitable hog was reported by the committee of the Swine Breeders' Convention at Indianapolis, Indiana: He must have a small, short head, heavy jaw, and thick, short neck; ears small, thin, and tolerably erect, not objectionable if they droop slightly forward; must be straight from the neck back to flank; must be let well down to the knees in bristles; of good length from head to tail; broad on the back; ribbed rather barrel-shaped; must be slightly curved or arched in the back from shoulder to the setting on of tail; tail of good length; ham from hock to letting off the loins; shoulder not too large to give symmetry to the animal; ham broad and full; hair smooth, and evenly set on; skin soft

and elastic to the touch; legs short, small, and well set under; broad between the legs; good depth between bottom and top of the hog; with pleasant, quiet disposition; should not weigh more than three or four hundred pounds gross, at twelve to eighteen months old, according to keep; color, may be black, or white, or a mixture of the two. The above-described hog will measure as many feet from the top of the head to setting on of tail as he does around the body, and will measure as many inches around the leg below the knee as he does feet in length around the body; depth of body will be four-fifths of his height.

FOOD FOR LEAN WOMEN.

If any one wishes to grow fleshy, a pint of milk taken before retiring at night will cover the acrawntest bones. Although, now-a-days, we see a great many fleshy females, yet there are ones who sigh for the fashionable measure of plumpness, and who would be vastly improved in health and appearance could their figure be rounded with good solid flesh. Nothing is more coveted by thin women than a full figure, and nothing provokes the scandal of one of the "clippier belles" as the consciousness of plumpness in a rival. In cases of fever and Summer complaints, milk is new given with excellent results. The idea that milk is feverish has exploded, and it is now the physician's great reliance in bringing through typhoid patients, or those in too low a state to be nourished by solid food. It is a great mistake to scruple the milk-pitcher.—*Country Gentleman.*

SORE FEET IN SHEEP.

Get some calomel, have a little sack made of thin flannel, say three inches long by half an inch wide, place some of the calomel in this and tie up. Clean out the sheep's feet thoroughly with a soft cloth, and then spread open the cleft as far as possible, without injuring the foot, and dust the affected parts by gently striking them with the sack containing the calomel. I presume it would be better to have a dry time to perform the cure, or to keep the sheep under cover for some hours after the application. I do not pay unless the case is a very bad one. It is a very convenient application, and is much less painful than the application of blue vitriol. The cure is much speedier and more certain. I have kept Merino sheep for many years, and after trying many things, have never found anything equal to this for the above, and for collar and saddle galls on horses, while there is not a particle of danger in its application in my experience.—*Country Gentleman.*

AGRICULTURE IN THE COMMON SCHOOLS.

A correspondent of the *Pacific Farmer* advocates the introduction of study of agriculture into our common schools, and remarks:—"I believe our agricultural colleges are steadily advancing to greater efficiency and usefulness—as fast, indeed, as the public sentiment of the agricultural population will sustain them. But what can a few agricultural colleges do among the millions of American farmers, unless the science they teach shall make its way through the channels of the lower schools? The thought is not a new one, but it is by no means a familiar one, and the agricultural press of this country can do no more important service to American agriculture than by urging it upon the public attention. Let the agricultural colleges be ready to second the movement by the preparation of text books and the training of teachers."

BEETS FOR COWS.

Last year I raised a lot of mangolds and carrots. The mangolds were gathered first and put in the cellar; afterwards the carrots were gathered and corded up on top of them, so that when I began to feed them to my cow, the carrots came first. The cow gave about her usual quantity of milk, excepting the usual shrinkage on the accession of cold weather and being put upon dry fodder. Fearing that the beets would not keep as well as the carrots, and also thinking that they possessed better milk-producing qualities, I was anxious to get at them. Accordingly I removed a part of the carrots and commenced feeding beets, when, to my surprise, the deficiency reached about one-third. Wishing to test the matter still farther, I changed back again to carrots, when her milk increased to about the usual standard. The quantity fed was about the same in either case—about a half bushel basket three-quarters full. If there was any difference, it was in favor of the beets.—*Chr. Rural New Yorker.*

A Profitable Hog.

The following description of a profitable hog was reported by the committee of the Swine Breeders' Convention at Indianapolis, Indiana: He must have a small, short head, heavy jaw, and thick, short neck; ears small, thin, and tolerably erect, not objectionable if they droop slightly forward; must be straight from the neck back to flank; must be let well down to the knees in bristles; of good length from head to tail; broad on the back; ribbed rather barrel-shaped; must be slightly curved or arched in the back from shoulder to the setting on of tail; tail of good length; ham from hock to letting off the loins; shoulder not too large to give symmetry to the animal; ham broad and full; hair smooth, and evenly set on; skin soft

A NEW THING. WALL SLATING. Save the Expense of a Black-Board. LO! AND BEHOLD! M. S. HALL, FREDERICTON.

WILEY'S DRUG STORE. Just Received, Eureka Glove Cleaner, Wyeth's Beef, IRON and WINE.

IMPORTANT NOTICE. SUGAR has gone up, but you can buy it cheap at 78.

Buy All Your GROCERIES, GOOD & CHEAP, AT GILMAN'S, York Street.

NOTICE OF Co-Partnership. THE PARTNERSHIP existing between the undersigned...

NOTICE. THE PARTNERSHIP existing between the undersigned...

WE HAVE JUST RECEIVED 1 Sack of Fresh Sicily Canary Seed.

CHEAP GOODS. To Suit the Times, at Thos. Logan's. GOOD GREY COTTON, YARD WIDE, 9 cents.

Prints, Fast Colors, 8 cents. DRESS MUSLINS, 5 cents. Black Striped Grenadines, 12 cents.

WHITE QUILTS, \$1.05. WHITE COTTON STOCKINGS, 10 cents. BLEACHED TOWELS, 12 1/2 CENTS.

CARPETING, ALL WOOL, 85 cents. FLOOR OIL CLOTHS, 48 cents. AN INSPECTION IS SOLICITED.

NOTICE. THE PARTNERSHIP existing between the undersigned...

FLLOUR STORE. Just Received Direct: 100 lbs. Golden Mail, 100 lbs. White Pigeon.

Farm for Sale. A FARM containing 20 acres, in a good state of cultivation...

THE Ladies of the Congregational Church at St. James Street, Fredericton, N.B.

TEA MEETING AND CONCERT. THE Ladies of the Congregational Church at St. James Street, Fredericton, N.B.

ONE of the finest and best selected English Teas, at G. T. WHELPLEY'S.

NOTICE. THE PARTNERSHIP existing between the undersigned...

Canadian Pacific Railway. Tenders for Grading, Track-laying, &c.

SEALD TENDERS addressed to the Secretary of Public Works, at the office of the Public Works, Fredericton, N.B.

300 DOZ. Receiver per Ship, "Ellen Goodspeed," and Steam Ship "SCOTIA."

J. G. McNALLY. FROM ENGLAND, 300 Dozens White Granite Table Ware.

THRESHING MACHINES, WOOD CUTTERS, SMALL & FISHER, WOODSTOCK, N. B.

NOTICE. THE PARTNERSHIP existing between the undersigned...

GREAT CLEARING SALE! SEASONABLE GOODS! McDONALD & KEDEY'S FREDERICTON.

SUMMER CLEARING SALE, prior to the departure of one of the firm for England to select for the Fall and Winter Trade.

MONDAY, JULY 10th, 1876. This is indeed a Great Boon to the public at this time.

COMPLETE CLEARANCE Summer Goods, such as Dress Materials, Parasols, LACE GOODS, MANTLES.

McDONALD & KEDEY. 900 BEDSTEDS, 1000 MATTRESSES, 1000 PILLOWS.

Disolution of Co-Partnership. THE PARTNERSHIP existing between the undersigned...

Disolution of Co-Partnership. THE PARTNERSHIP existing between the undersigned...

Disolution of Co-Partnership. THE PARTNERSHIP existing between the undersigned...

Disolution of Co-Partnership. THE PARTNERSHIP existing between the undersigned...

GREAT CLEARING SALE! SEASONABLE GOODS! McDONALD & KEDEY'S FREDERICTON.

SUMMER CLEARING SALE, prior to the departure of one of the firm for England to select for the Fall and Winter Trade.

MONDAY, JULY 10th, 1876. This is indeed a Great Boon to the public at this time.

COMPLETE CLEARANCE Summer Goods, such as Dress Materials, Parasols, LACE GOODS, MANTLES.

McDONALD & KEDEY. 900 BEDSTEDS, 1000 MATTRESSES, 1000 PILLOWS.

Disolution of Co-Partnership. THE PARTNERSHIP existing between the undersigned...

Disolution of Co-Partnership. THE PARTNERSHIP existing between the undersigned...

Disolution of Co-Partnership. THE PARTNERSHIP existing between the undersigned...

Disolution of Co-Partnership. THE PARTNERSHIP existing between the undersigned...

JULY 1st, 1876. GREAT CLEARING SALE, AT THE ALBION HOUSE.

MONDAY, JULY 3rd, 1876. MILLER & EDGECOMBE. Beg to notify the public that it is their intention to commence on MONDAY, 3rd July, 1876, to offer the following Goods at the reduced prices.

BLACK DRESS SILKS, \$3.50, now offered for \$2.90. 1 Piece of Blue Irish Poplins, \$2.00, now offered for \$1.00.

Colored Dress Silks, Blues, Steels, Greys, &c., ALL REDUCED SAME PROPORTION.

WHITE BED SPREADS offered very low commencing at 95 cents. AMERICAN PRINTS—Fast Colors—selling for 8 cents.

LUMBER IS RISING, Flour is Falling! TO Buy Your GLASS, CROCKERY, FURNITURE.

PHAIR & CO.'S NEW STORE, OPPOSITE THE BARRACKS, QUEEN STREET, FREDERICTON.

ALL GOODS MARKED IN PLAIN FIGURES. FALL & WINTER FASHION PLATE.

THOS. W. SMITH'S. Notice of Disolution. THE PARTNERSHIP existing between the undersigned...

MONEY TO LOAN. \$2,000 TO LOAN ON REAL ESTATE.

Made Clothing! A Large Stock of Males Clothing, for Men and Boys.

Ladies' Ladies'. A new lot of the latest styles of highly per- fectly made...

Trunks, Valises &c. A LARGE Stock of Trunks, Valises, Hats, Caps, Gloves, Hosiery, Umbrellas, &c.

SCULLY & COLLINS, CLOTHIERS! Gentlemen's Garments made to order in the latest styles.

MONSTER PIC-NIC. BY RAIL & STEAMBOAT! DURING the present month there will be several Pic-nics...

Administration Notice. A. L. Davis, Administrator of the Estate of the late Charles J. Davis.

Administration Notice. A. L. Davis, Administrator of the Estate of the late Charles J. Davis.

Administration Notice. A. L. Davis, Administrator of the Estate of the late Charles J. Davis.

