

L. C. MACNUTT, Editor and Manager.

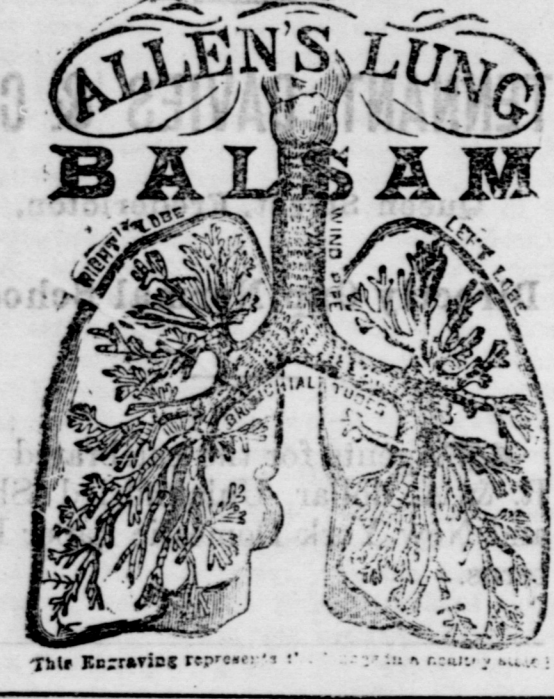
FREDERICTON, N. B., WEDNESDAY, MAY 20, 1885.

VOL. VI, NO. 38

JOHN ROY'S ANODYNE LINIMENT FOR INTERNAL AND EXTERNAL USE.

PARSONS' PURGATIVE PILLS MAKE NEW, RICH BLOOD.

MAKE HENS LAY CHICKEN CHOLERA.



ALLEN'S LUNG BALM.

SEED Warranted to Grow.

INTERVALE FARM For Sale near Fredericton.

Farm for Sale.

WISER MAN BOUGHT A FARM.

FERTILIZERS.

CHEMICAL FERTILIZER WORKS.

THE STANDARD FERTILIZERS OF THE MARITIME PROVINCES.

CERES' SUPERPHOSPHATE.

THE SCIENCE OF LIFE.

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NEW GOODS AT T. W. SMITH'S.

Edgecombe's Building, Queen Street, Fredericton.

German Coatings and Suitings.

English, Scotch and Canadian Tweeds.

of the latest styles and finest textures.

DEFY COMPETITION!

Pine Fur, Hard and Soft Hats.

SEED Warranted to Grow.

WINTER STOCK OF BOOTS AND SHOES.

DRY GOODS, READY-MADE CLOTHING.

OWEN SHARKEY'S.

Ladies' Dress Goods.

Mantle and Mantle Cloths.

Men's Youths' and Boys' CLOTHING.

JAS. D. FOWLER'S.

GEM RINGS, SNET RINGS, SCARF PINS.

White Lead, Oil, &c.

Knives, Forks and Pocket Knives.

SEEDS. SEEDS.

2500 lbs. Timothy Seed.

Patent Calks and Sets.

Whips, Whips, Whips.

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AGRICULTURE.

Application of Manure.

The old process of applying manure requires changes as much as the old style of treating the heap.

It is still the practice of many farmers, regardless of conditions, to haul their manure to the field and throw it into small heaps, waiting for the season in which they spread it and plow it under.

It sometimes remains on the field in this shape during the whole winter, and in other instances it so lies during many of the more temperate months.

If there were any appreciable substance left in the manure when it reached the field, the farmer will soon experience the error of his ways; for the large quantity of soluble fertilizing material which would be washed into the small area under many conditions, rather retard than assist the growth of the crop, the strength of the soluble salts being greater than the tender plants could bear.

The present tendency of the times is towards top-dressing or spending in the following order. Every method, however, depends upon a great variety of circumstances, so your best plan is to study the principles involved and then use your judgment.

It was formerly supposed that a large quantity of material substances was lost by top dressing or spreading for any considerable length of time before plowing the manure under; but experiments have put this question to rest. At any rate, under the usual method of treating the manure, there is very little substance to lose in the field, no matter what the system of application is.

If the manure is turned over or hauled out to the surface of the heap in going on, a considerable quantity of ammonia escapes into the air; but fresh, even well-rotted manure, contains very little free ammonia, so that it can be applied in these forms without fear of loss by volatilization.

But there is also the character of the soil to be taken into consideration, the being a liability to lose by drainage as well as by the evolution of gas into the air, under certain conditions. Clayey soils, or those containing an appreciable proportion of clay, have the power of absorbing and retaining the drainings from the manure spread on the surface or plowed under. The nature of the soil, therefore, when and how the manure should be applied; for if the ground is sandy or gravelly, and the application made some time before the crop begins to grow, the liquid fertility will be carried down by the rain beyond the reach of the roots, which calamity could not happen in a retentive soil. So far as loss is concerned, it may be seen that on clay soils you may haul and spread at any time, and you may safely leave the manure spread on the land any length of time before plowing it under.

The texture of the soil is another important consideration, as is also the depth of crop to be grown. If it is drained clay soil is apt to be too stiff to improve its texture; but if it is already in the right mechanical condition—that is, neither too loose nor too firm—top-dressing in the preferable mode of application, especially if the crop is a shallow rooted one. In top-dressing, the drainings uniformly saturate the surface soil, making it rich for early growths and shallow roots; whereas plowing under has a tendency to enrich the subsoil for deeper rooted crops. Of course the quantity of rain also enters into an important part in this particular. A heavy dressing of coarse manure is mechanically injurious under any system of application; for as a top-dressing it checks evaporation to effectually, checks growth, fungus growth, slugs and other pests. When plowed under, the manure high in the soil, upward movement of moisture from the subsoil in dry weather. Coarse manures can only be applied advantageously in the fall, when it will exercise a beneficial influence on stiff clays, keeping them open for the free and natural action of the soil, and the manure will be sufficiently decomposed for the ensuing crop.

Selection of Soil for Potatoes.

If attempting to grow the best possible, we would select a deep, sandy loam, in which water could not remain in excess, for any length of time, and which would be a droughty soil, and which would be a droughty soil, and which would be a droughty soil.

It is in consequence of this demand that the price of eggs has been kept up until checked by the importations.

Good and Poor Layers.

The difference between the yield of eggs in the most prolific cases, as compared with poor layers, is as three or four to one. Individual hens have been known to produce 230 eggs a year. Yet 230 is reached so seldom as to be called a remarkable yield. The greatest average yield that has been made in a flock of twelve hens, was 147 eggs, while the greatest average of twelve flocks, numbering in all 230 layers, was 102 eggs. In the latter case there were eight different breeds, and some were old hens and others were pullets and many of the number were employed a part of the time in hatching and rearing chickens.

Importation of Eggs.

The importation of eggs is more of a business than many people imagine. They are shipped chiefly from Copenhagen and Hamburg, which are great egg centers according to the New York Evening Post. The eggs are produced largely in Austria, Italy, Denmark and Turkey. They are packed in straw, in cases containing fifty, sixty, or one hundred and twenty dozen. Most of the imported eggs are fresh laid, and it is said, after being laid for a month or six weeks after being laid here. They bring from one to three cents less than the market price of domestic eggs. This last year it is calculated that about 17,000 cases were received in New York. Late shipments have been heavy because the mild weather in England has made London a poor market. The importations have had a tendency to keep the price of eggs down in New York. A large egg-growing use of eggs has been made to make albuminized paper for photographs. It is in consequence of this demand that the price of eggs has been kept up until checked by the importations.

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AGRICULTURE.

Judicious Mating in Horse Breeding.

While conforming to the elementary principles of all breeding, to correct faults on either side by judicious mating, and that quality should come from the mare's side, and power from the sire, the late John May, well worthy of consideration. In the mating of mares, he always advocated the union of untried, i. e. mares who have never been a winner, or are at the stud for their first season, with horses that had sired winners; and in case a breeder or owner should be anxious to offer an untried horse a chance, the selection for him of tried mares—that is, the dams of winners. Particular attention should be directed to the choice of a sire in the case of maidens, for it is a rule, that, in all degrees and conditions of animal life, the first offspring is inferior to those that succeed it, and in no instance is this doctrine more clearly demonstrated and verified than in the case of the first foal. Many breeders regard the first foal as the best for raising purposes; and, though a few of them may be figured as exceptions, the fact is, that rather isolated instances than proofs of definite fact. In the choice of a sire, breeders are frequently led astray by mere considerations, either of misdirected economy, or by representations relative to the amount won by the progeny of some particular horse during the season. This must often prove a very deceptive guide, for there are very many cases of horses who have produced one or two really good animals, yet fail to perpetuate their successive stock with merit. The measure that best merits the patronage of breeders is the one that, to use a homely phrase, "got all his stock to run a bit," no matter what may be the class of mares who are sent to him. In the matter of "fees," breeders for public sale should take into account popular fancies; a large fee of 50 to 70 guineas—or even, in the case of Heralds, 200 guineas—may be a wise outlay, and yield a fair profit after the deduction of all expenses, such as the fee, the keep of the mare and foal, and the groom, if the cross and the sire selected are popular.

Seeds! Seeds!

Wiley's Drug Store!

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AGRICULTURE.

FARM NOTES.

A writer in Vick's Magazine says that, in raising strawberries for market, the rows should be at least twenty-five rods long, so that horse power may be used in destroying the surface of the soil kept constantly clean and mellow. No ridges or furrows are to be formed between the rows.

Young pigs should not be fed much corn, and it is from young pigs that the greatest amount of growth is secured for food consumed. But on a farm where cows are kept and butter made, the corn may be turned into pork by feeding it to the cows. This will pay in milk and butter, and an abundant supply of milk with a little meal is just what is wanted for growing pigs.

One of the best manures for the garden is made by mixing two bushels of fine bone with a wagon load of manure. The bone makes the manure soft and quick, and the particles of bone. If water with which sulphuric acid has been mixed is poured on the heap, it will prevent loss of ammonia. Most stable manures are deficient in phosphate, but the bone supplies.

As the object of root-pruning fruit trees is generally to promote fruitfulness, it is best to do it when the check to growth is greatest, and this is in midsummer or after the tree gets its full leaf in the spring. On the other hand, if it is desirable, as it generally is, to cultivate in orchards with the least injury to the trees, it should be done early in the spring. New roots put out, and the tree is rather more vigorous than before, especially when it has previously been in soil.

The men who make the most profit from rearing pigs have learned to do it from their early years. To do this it is necessary to provide good warm quarters for the breeding sows and young pigs, dring the cold weather, and feed as liberally as possible with a variety of nourishing food. It costs just as much to sustain the animal life, and the shorter time that life has to be sustained in order to obtain a given result the greater will naturally be the profit.

There is no cure for glanders, and as soon as the case is assured by positive evidence the horse or mule should be killed. To kill a horse painlessly and suddenly, a ball from Colt's navy or army revolver should be fired directly into the brain at a point midway between the eye and the base of the ear. This will destroy sensation instantly. Before the horse is killed a deep groove should be dug, and the animal brought to the edge of it and shot there, when it will fall directly into the hole.

We can remember when old apple orchards planted sixty or seventy years previous were quite common, and the trees at that age were vigorous and healthy. Very few such trees are found now. Many of these old trees were seedlings, and this has given rise to the belief that grafted stocks are less hardy. The real cause of this is that the trees were not properly cared for, and the soil was not properly prepared.

Oats or Barley for Seeding with Grass.

A correspondent in Williamstown, Vt., asks which is the better grain to stock down land with, oats or barley. He finds that seventy bushels of the former can be grown as easily as fifty bushels of the latter on the same amount of land, but nearly all the members of his local club believe that oats draw more straw than barley, and that the hay crop is thereby diminished in after years. There is no doubt that barley is better to seed with than oats, not only because there are usually fewer pounds of grain removed by the barley than by the oats, but because the oats have a much taller and heavier straw, which shades the ground, much to the injury of the young grass plants. Grass will do better on land free from weed seeds, which is rarely the case. All kinds of grain are injurious to weeds, but not so much as crops of weeds of the same weight, and if one must have either, it is better to select the valuable grain than the worthless weeds. Oats are further more stronger growers than barley, and will make a crop on land that is too coarse or too cold for barley. Oats are said to do better on the land very hard, which as we understand the term, simply means that oats are hardy, and will do well where more tender forms of vegetation would fail.

Millet is another hardy crop that "draws" the land. We like such crops, because they are tolerably hardy and easy to produce, and the harder the better we like them, for they give us something to return to the land to keep up its fertility. Four tons of hay would draw twice as much from the land as would two tons, but we would prefer the double quantity every time.

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MISCELLANEOUS.

A great Problem.

Take all the Kidney and Liver Medicines.

Take all the Blood purifiers.

Take all the Rheumatic remedies.

Take all the Dyspeptic and Indigestion cures.

Take all the Ague, Fever, and bilious specifics.

Take all the Brain and Nerve force restorers.

Take all the Great health restorers.

Take all the Best medicines of all times.

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