

Agriculture.

HOW TO GROW CARROTS.

Plough early in spring, four inches deep. Harrow well and roll or bush down; let the ground lie till after the middle of May; plough again as deep as your team is able to draw the plough. Harrow and roll as before. Have the ground in perfect order, no lumps and as few stones as possible. About the twentieth of May, lay out your field in drills, 2 1/2 feet apart, straight and uniform. Use a small, one-horse plough; four inches is deep enough. Spread in the drill a small quantity of well-rotted manure, or other fertilizer; close your drill with a coverer, or plough, leaving a mound with a level surface ready for the seed sower. Regulate the seed-sower so as to drop the seed from one-half to one inch apart; one-half lb. of seed is enough for an acre.

Before starting the sowing, spread a little guano or phosphate on the top of the drill, very light in the centre where the sower will come, and the seed will find it early. With a careful hand, proceed with the sowing, observing at each end if the drill drops the seed. When up, so that the rows can be seen—say one-half an inch high—go into the field with a steady horse, that will go slow attached to a horsehoe or cultivator; run light and very close. If the machine don't work well alter it in some way so that it will.

For a number of years I have had no difficulty in raising an abundance of carrots in this way. It requires a little patience and perseverance. The labor is light and cheap. On ordinary land carrots want but little manure. I think the top dressing before sowing almost necessary to insure a crop. My best crops have been on potato ground, and where carrots have been grown several years in succession. My yield is generally about 15 tons per acre. They will always pay better than potatoes, and can be raised and handled with less expense; and if our horses could speak, we should receive more thanks for raising them.—Rural New Yorker.

CORN-COB MEAL FOR STOCK.—We have fed a great deal of corn and cob meal to both horses and cows, and never discovered any injurious effects from it. Our own opinion, is however, that it does not pay to grind cobs with the meal to feed horses. We had rather feed the corn meal alone with hay or steamed straw; but we had rather have the corn and cob meal for milk cows. We believe the distention of the stomach which is produced by feeding the ground cob with the corn meal is an advantage over feeding clear meal. Some dairymen claim that milk is largely increased by feeding boiled cobs to cows. We once heard a farmer of considerable experience say that he believed sixteen quarts of boiled cobs equal to four quarts of corn meal as a milk producing feed. We shall be glad to publish the experience of others in response to our correspondent's inquiry.—Rural New Yorker.

ESTIMATED VALUE OF SOOT.—A genuine economist claims that one of the best fertilizers, going constantly to waste, is soot. "It is as valuable as guano and should be carefully saved at least twice a year. You will find soot contains a large amount of ammonia, and on this account is very beneficial to nearly all kinds of plants. Apply it to the soil about the roots and not to the leaves or stems; or twelve quarts of soot dissolved in a hog-head of water makes an elegant liquid manure."

AN ESTABLISHED FACT!!!—One year's trial has proved the wonderful benefits arising from the use of the Nutritious Continent of "THE NORTH BRITISH CATTLE-FOOD COMPANY OF LONDON AND GLASGOW," hundreds throughout this Province who have used it, testify that it is decidedly the best thing for seasoning the food of animals, especially Horses, Cows and OXEN, during this season of the year, it is also the cheapest—one cent's worth seasons one meal, and effects a saving of twenty-five per cent, on the ordinary food. Get a small bag, and try it, and you will be satisfied. Sold in bags, at \$1 1/2, \$2 1/2, \$4 1/2, and \$8—a Pamphlet with full directions for use in each bag.

Address, GEORGE FRASER, Manager, North British Cattle Food Co., 83 Lower Water Street, Halifax, March 26. 1m.

Scientific.

FAT AND LEAN.

Meat eaters and vegetarians show in their persons the effects of the diet. The first has the most brain force and nervous energy. A mixed food of animal and vegetable rations develops the highest intellectual powers. A strictly vegetable living ordinarily gives a fair complexion, and amiability and extreme pugnacity when the vegetarian's views in regard to that one engrossing thought of his life are discussed. They are annual-meeting reformers, without ever setting a river on fire. Arabs are a sober, frugal race, rather slender, not tall, conscientious and contentions on religious subjects. They largely subsist on rice, pulse, milk and keimac, something similar to whipped cream, through a vast region of arid country where they are indigenous. They are not destitute of mutton, goats, camels and game; but they manifest no disposition to feed upon meats, as is necessary in temperate zones or in high northern latitudes. An intellectual man, one of their kindred, who rises to distinction by the grandeur of his mental status, is extremely rare. The beer and ale drinkers expand and grow fat, but they are not much given to profound researches in Science.—Sci. Am.

ARTIFICIAL EYES.—A French paper gives a detailed account of the manufacture of false eyes in Paris, from which the curious fact appears that the average sale per week of eyes intended for the human head amounts to 400. One of the leading dealers in this article carries on the business in a saloon of great magnificence; his servant has but one eye, and the effect of any of the eyes wanted by customers is conveniently tried in this servant's head, so that the customer can judge very readily as to the appearance it will produce in his own head. The charge is about \$10 per eye. For the poor there are second-hand visual organs, which have been worn for a time, and exchanged for new ones; they are sold at reduced prices, and quantities are sent off to India and the Sandwich Island.

A PETITION AGAINST RAILROADS.—A petition against the building of a railroad, addressed to a Connecticut Legislature forty years ago, has lately been unearthed. Among the objections urged against the proposed innovation was this final one: "The danger to life which arises from the extensive use of them [railroads], from their liability to get out of repair, is much more serious and alarming than has been supposed." Having read the papers of the last few days, we are disposed to treat this particular objection with sincere respect. The old petitioners may have been a little too prudent, but they were not altogether blind.

A CHILL CURE.—A new cure for ague is given in a Terre Haute (Ind.) paper. The writer says to those afflicted with ague, crawl down stairs head foremost. Laugh at the idea, if you please, but do your crawling first, you can then afford to laugh. Just as the chill is coming on, start at the top of a long flight of stairs, and crawl down on your hands and feet, head foremost. You never did harder work in your life, and when you arrive at the bottom, instead of shaking, you will find yourself puffing red in the face, and perspiring freely, from the strong exertion made in the effort to support yourself. Try it. It won't cost you near as much as quinine or patent medicines, and if it fails it will only do what they do every day.

CURE FOR RHEUMATISM.—Boil a small potful of potatoes, and bathe the part affected with the water in which the potatoes were boiled, as hot as can be applied, immediately before going to bed. The pain will be removed or at least alleviated by the next morning. Some of the most obstinate rheumatic pains have been cured by one application of this novel and simple remedy. So says an exchange.

The Canadian way of measuring a tree is said to be as certain as it is grotesque. You walk from the tree, looking at it from time to time between your knees. When you are able to see the top in this way, your distance from the root of the tree equals its height.

A MAN recently knocked down an elephant. He was an anti-neer.

HALIFAX, N. S., MARCH 26, 1873.

MARGESON'S CALCULIFUGE.

MESSENGER HALIFAX.

APRIL, 1873.

First Quarter, April 4th, 2h. 22m. afternoon. Full Moon, " 12th, 5h. 37m. afternoon. Last Quarter, " 20th, 1h. 33m. morning. New Moon, " 28th, 6h. 28m. afternoon.

Table with columns: Day, SUN. (Rise, Sets, Rises, South, Sets), MOON. (Rise, Sets, South, Sets), High Tide. Rows for various days from Tu. to W.

THE TIDES.—The column of the Moon's Position gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro. High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundland, 20 minutes earlier, than at Halifax. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 minutes later.

FOR THE LENGTH OF THE DAY.—Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT.—Subtract the time of the sun's setting from 12 hours, and to the remainder add the time of rising in morning.

WINDSOR & ANNAPOLIS RAILWAY. CONDENSED TIME TABLE.

DECEMBER, 1872.

HALIFAX TO ST. JOHN.

Table with columns: Stations, Exp., Pass., Pa. Rows for Halifax, Bedford, Wind. Junction, Mount Uniacke, Newport, Windsor, Hantsport, Wolfville, Kentville, Berwick, Aviesord, Middleton, Lawrencetown, Bridgetown, Annapolis-arrive.

ST. JOHN TO HALIFAX.

Table with columns: Stations, Exp., Pass., Pa. Rows for St. John by Steamer, Annapolis, Bridgetown, Lawrencetown, Middleton, Aviesord, Berwick, Kentville, Wolfville, Hantsport, Windsor, Newport, Mount Uniacke, Wind. Junction, Bedford, Annapolis-arrive.

N. B.—The Express Trains run on Monday, Wednesday, and Saturday only. Steamer "Scud" leaves St. John on Monday, Wednesday, and Saturday, at 8 a. m., for Annapolis, and return same day on arrival of 8 a. m. Express Train from Halifax.

International Steamers leave St. John every Thursday at 8 a. m., for Eastport, Portland, and Boston. European and North American Railway Trains leave St. John at 8.00 a. m., and 3 p. m. for Woodstock, Fredericton, St. Stephens, Bangor, Portland, Boston, and all parts of the United States and Canada.

Through Tickets at reduced fares by above routes to all parts in the United States and Canada may be obtained at the Ticket Office, 126 Hollis Street, Halifax, at Richmond, and the principal Stations on the Railway.

P. INNES, Manager. Kentville, 16th Dec. 1872. Jan. 1.

H. G. LAURILLIARD, TAILOR, GENTLEMEN'S DRESS MATERIALS.

Furnishing Goods constantly on hand. Agent for the NEW YORK FASHION PLATES. 331 HOLLIS STREET, HALIFAX, N. S. May 17. 1yr.

This valuable Medicine is now before the public. Sore ears for the Gravel, Stone in the Bladder, and all diseases of the Kidney; in some cases it has cured the Dropsy—in others the weakest case may use it; perfectly vegetable and in almost all cases it is a sure remedy. Try one bottle. Over 2000 cases have been cured in Halifax. It is equally effectual with cattle or Horses, if taken in large quantities. Directions for use will be found on the wrapper or label. Sold wholesale by Avery Brown & Co. R. C. MARGESON & CO., Halifax.

Halifax, December 5th, 1872- R. C. MARGESON & Co.

Dear Sir,—Having been affected with Gravel and finding that the doctors could do nothing for me, I was induced to buy your medicine called Calculifuge, I am happy to say after the second trial I was perfectly cured. Recommending it highly to any fellow sufferer with the same complaint. I remain, your humble servant, EDWIN F. CUTLIP.

R. C. MARGESON & Co. Dear Sir,—I feel constrained to make you my acknowledgement for benefit received, as follows: My horse was suffering from suppression of the urinary organs, and was, in consequence, suffering considerable pain; I was recommended to try your Calculifuge; I procured it and gave a strong dose, and am happy to say it had the desired effect in a complete cure. Yours, with regard, J. B. SMITHERS. Dec. 18. 1m.

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