



Value of Summer Forage Great attention is nowadays paid to the exact analytical composition of the foodstuffs supplied to the stock...

Average Yield of Cows A common question round the farm is to the exact analytical composition of the foodstuffs supplied to the stock...

Poultry Pointers The early hatched pullet is the paying one. Don't let the huckster pick out the best of your early chicks for you...

To take the most important food for stock, namely, grass, an inspection of its analysis shows it to be the best balanced single food stuff available. True, it varies somewhat in quality at different periods, notably in early spring and late summer, but this variation is chiefly in its water content...

The ordinary factory pattern herd keyed up to the pitch of creditable performance, or is it just going along in the old rat of "average" yields? Suppose the patron is certain his herd is doing "about as well" as his neighbour's does it seem a great pity that his ambition should end there?

Take the drinking out of the hot sun and keep it clean unless you want the fowls to contract diseases. Poultrymen who have strong healthy chicks commence breeding for them the year before. If the breeding stock runs out all summer over the fields it gains sufficient vigor to produce good, strong, healthy chicks next spring...

Other crops which come in use for later in summer are cabbages, maize and early sown rape. Cabbages have an analysis showing them to be somewhat inferior to grass, but their watery nature gives them a dietetic value that grass does not possess in the closing months of the summer...

Average cows can do vastly better if these owners train them and train themselves for better results. If each lot of 100 cows in the Dominion gave an additional 500 pounds of fat per month would that not make a start on the difference in the amount of the patron's cheque? Cow testing has helped many communities to far larger business, because it shows that scores of cows and average herds can be made to produce far more than they do at present. Make each cow pay a good profit.

While a hen is sitting she should be taken off the nest for food and water each day. This work should be done in the morning, and the hens may either be tethered by the leg to posts stuck in the ground, or they may be put into small wire runs for exhibition pens. When lifting a hen from her nest, place the hand beneath her wings and legs, and lift her straight up, so that she picks up no eggs with her. Wheat, oats and maize are the best grains for sitting hens, and a plentiful supply should be put down, together with a pan of water and a little grit and green food. Hens may be allowed to remain off the nests about ten minutes during the first week, 15 minutes during the second, and 20 minutes during the third, and milk given the next morning to the nest which should be allowed to step in of their own accord, as they are more likely to struggle and break the eggs if placed upon the nests by the attendant. When they have settled down once more, however, it is advisable to go round and see if they are covering the eggs properly, as one often finds several eggs mysteriously lacking in the nest. If an egg is broken or the nest otherwise fouled, all eggs that are affected should be washed in warm water just before the hen is put back upon the nest, and at the same time the nesting material should be changed.

Much good work is being done in this connection, and tables are compiled which give far more reliable information on the nutrient value of a food than is the case with simple chemical analyses. Farmers would always do well to determine, as far as practicable, what rations they will feed in their stock for, say, the next three months, and then send them in to the nearest agricultural college for criticism. They will probably find that they will receive a number of useful suggestions which are well worth notice.

What virtue is there in heredity when it comes to abundant milk production per cow. Many a dairyman notices a cow is good, her heifers may turn out to be good milkers, sometimes they do not. What is the trouble? Apart from such considerations as feed, care and health, look for one moment at the possible value of the sire. It has been noted many a time that the cows bred to a particular bull have dropped good milking progeny, that bull came from good milking ancestry. There is the virtue of heredity worth thousands of dollars to our dairy industry. The melancholy reflection is that scores of these good milkers can be traced to sires that have been sold for beef long before their real value had become known. Every dairyman who is doing anything at testing his individual cows, and all progressive dairymen appreciate the far reaching benefits of such study, knows that it would be worth at least 1200 pounds of milk extra per cow to secure the right bull. All members of cow testing associations should co-operate in the purchase of good pure-bred sires, changing them round after two years in one section, and prove thereby the immense value of heredity in their own herds, writes C. F. W. in a Department of Agriculture bulletin.

Plant Small Area of Rape Rape will grow on any rich soil which contains a lot of humus and vegetable matter. It does especially well on well drained back land or old pastures. In fact, there is also little or no danger of making the soil too rich. The plant belongs to the cabbage family, which everyone knows is a grass feeder. The plant does fairly well on light soils, but it will not make nearly so luxuriant a growth as on the richest types. The ground should always be well prepared. The seeds are very small, and if the land has been well worked down it struts more quickly and gives better results. Rape does better probably on fall plowed land, but can be grown on land turned over in the spring, providing the disk and pulverizer are used very persistently. If an early crop of rape is desired, seed in the spring, just as soon as the ground can be worked. If it is designed for fall pasture, sow around July 1. The crop matures in about two months, after seeding under ordinary conditions, consequently, if a succession is desired for pasturage there is no difficulty in securing it. Under ordinary circumstances dwarf Essex rape is seeded broadcast at the rate of three pounds to the acre. Possibly better results are secured by drilling in rows 20 inches apart at the rate of two pounds per acre. If seeded broadcast, cover lightly with the harrow. In addition to seeding alone, it pays to sow rape seed between the rows of corn at the time of the last cultivation. The crop comes on, and after the corn is harvested, sheep, hogs or cattle can be turned in and allowed to graze. The crop will continue to grow until killed by frost. Rape seed may also be sown in connection with oats. If this is to be done, sow the rape seed about 10 days after the oats have been planted. The rape crop will come on after oats are cut, and is good for sheep, hogs or cattle.

Boys using a Bangor, Me., playground have formed the Third Street Playground Insurance Company, patterned on the factory insurance system of Germany. Each boy is assessed a premium of 10 cents a season, payable in two-cent weekly instalments, and out of the money thus collected, damages for injury to benches and apparatus on the playground will be paid.

Bachelor quarters may be exchanged for better halves. George A. Coley, an Elkhart, Ind., policeman, and Mrs. Harriet Houghland, recently married, were surprised on coming out of the parsonage to find the police automobile patrol wagon waiting for them. Mr. Coley's fellow officers had determined to provide this transportation to the Houghland home.

Hard coughs, old coughs, tearing coughs. Give Ayer's Cherry Pectoral a chance. Sold for 70 years. Ask Your Doctor.

WILSON'S FLY PAD. POISON Will kill every fly in your house or store. All you have to do is to get the flies to the Pads. Directions in each packet show how to do this.

HOW MR. STANFIELD M. P. GOT AHEAD OF I. C. R. Truro (Ontario)—The old saying "There are more ways of killing a cat than cracking it with butter" was aptly illustrated Tuesday in connection with the I. C. R. and it serves to show what a fool thing the new time card is in some ways. On Monday a Belmont gentleman phoned Mr. John Stanfield, M. P., and asked him if he could arrange to have the Ocean Limited stop at that place Tuesday morning to accommodate a funeral party going north with their dead, as they could not make it convenient to go by the train that leaves Truro, No. 1, at 6.35. Mr. Stanfield promised to do what he could, and immediately sought the Superintendent Hallissey and made the request as stated above. Much as he would like to comply he couldn't do so, he had already been rapped over the knuckles for stopping that train to accommodate people, and he had orders from Mr. Brady that she must not be stopped outside her schedule under any circumstances, but he suggested Mr. Stanfield might apply to Mr. Brady. Mr. Stanfield replied that he did not purpose to ask Mr. Brady for any favors, as his experiences in that respect were not by any means satisfactory, and therefore he did not intend to repeat the dose. "But," he added, "the train will stop just the same." He telephoned the Belmont gentleman to have his friends and the corpse on hand Tuesday morning, that the train would stop. Early on the morning of that day he sent his car to Valley Station, and in it a man, beside the chauffeur, was purchased a ticket for Belmont, coming back to Truro on No. 18 train, and continuing by No. 199, the Limited, which according to the schedule would have to stop at Belmont by reason of the ticket purchased at Valley. This she did and the funeral party got away according to plans. Had the Belmont ticket been purchased at Truro the train would not have stopped, but, as stated previously in these columns, she is bound to stop to set down passengers at any booking station north of Truro taken up at any booking station east or south of Truro.

The discovery at sea of the headless body of an expensively dressed young woman was reported at Boston Friday by Captain Charles White of the schooner Jeanie Gilbert upon his arrival in port from a sword fishing trip. To the captain it appeared that the head had been skillfully severed with a sharp knife. The body was picked up July 16 about 1.70 miles from Boston in the track of both ocean and coastwise steamers. It evidently had been in the water but a short time. The clothing gave no clue to the identity of the woman. Capt. White wrapped the body in canvas and returned it to the sea.

A city forage farm is the latest development in civic enterprise. San Diego Cal. has a large area of unused park land. Instead of leaving the land to grow unsightly weeds, shrubs and briars the city forester is making preparations to seed 350 acres to hay or grain, the crops from which will be used to feed the 500 horses and 100 head of cattle owned by the city in its different departments. If this plan works successfully it will not only convert the waste lands into attractive fields and beautify the landscape but will save the city considerable on its feed bills.

by reason of the ticket purchased at Valley. This she did and the funeral party got away according to plans. Had the Belmont ticket been purchased at Truro the train would not have stopped, but, as stated previously in these columns, she is bound to stop to set down passengers at any booking station north of Truro taken up at any booking station east or south of Truro.

ACADIA UNIVERSITY WOLFVILLE, Nova Scotia. Departments: Arts and Sciences, Applied Sciences, Theology, Degrees: B.A., B.Sc., B.Th., M.A., and certificates in Engineering, admitting that year in best technical schools. First year in Medicine, Law, and Veterinary given as electives in Arts course. Equipment: Largest undergraduate faculty in Maritime Provinces. Thirteen modern laboratories equipped with scientific apparatus. Expenses: Light, and board \$1000 given in grants and Scholarships yearly. Send for calendar to: GEORGE B. CUTTEN, D.D., Ph.D., President.

ACADIA LADIES' SEMINARY WOLFVILLE, Nova Scotia. A High Grade Residential School. The Aim.—To Prepare Girls and Young Women for Complete Living. The Courses.—Twelve Academic, College Preparatory, Music, Art, Domestic, Household Science, Business. The Faculty.—Twenty-five Teachers of five Personality and Special Training for the Work. The Equipment.—Fine Class in every respect. The Location.—Evangeline Land. The Expenses.—Very Moderate. From \$180 up, according to course selected. Information.—Write for Illustrated Book to: Rev. E. E. WOLFE, Ph.D., Principal. Next Term begins Sept. 1st, 1913.

Acadia Collegiate and Business Academy WOLFVILLE, Nova Scotia. 84th YEAR. A Residential School for Boys and Young Men with a beautiful location. Ten experienced teachers, and a very successful record of over 50 years. Four Diploma Courses Offered: 1.—University Matriculation in Arts, Science, Engineering, Medicine, etc. 2.—The General Course. 3.—Manual Training (wood and iron). 4.—Business Courses. Necessary Expenses \$200.00 including Board and Tuition. For Calendar and other information, Write to Principal: W. L. ARCHIBALD, Ph.D., WOLFVILLE, Nova Scotia.

FREDERICTON The Business COLLEGE W. J. OSBORNE PRINCIPAL THE FALL TERM OPENS ON Tuesday, Sept. Second. If you have not already had a catalogue, send for one at once. Address: W. J. OSBORNE, Fredericton, N. B., Principal.

No Summer Vacation We would greatly enjoy you, but as many of our students come from long distances, and are anxious to be ready for situations as soon as possible our classes will be continued without interruption. Then, St. John's cool summer weather makes study during the warmest months just as pleasant as at any other time. Students can enter at any time. THE ST. JOHN'S BUSINESS COLLEGE S. KERR, Principal.

Sore Feet. CHAFED PLACES. BLISTERS, &c. Are your feet hot, sore and blistered? If so, try Zam-Buk. As soon as Zam-Buk is applied it cools and soothes injured smarting skin and tissue. Its rich, refined herbal essences penetrate the skin; its antiseptic properties prevent all danger of festering or inflammation from cuts or sores; and its healing essences build up new healthy tissue. For stings, sunburn, cuts, burns, bruises, etc.—just as effective. Mothers find it invaluable for baby's sores! All Druggists and Stores—50c. box.

Fly Chaser. Sprays your stables and chicken roosts frequently. Its disinfecting properties will insure pure, sanitary quarters for your live stock and poultry. "Your Money Back If It Fails."

Pratts "Fly Chaser" is a thoroughly tried and tested repellent for use on cows, horses, dogs and cats, and poultry, bats, stables and poultry houses of flies. PRATT'S "Fly Chaser" will keep the flies off your cattle. If it doesn't cost you a cent, will relieve your torture, horse or your neighbor's. high-strung driving horse. Try "Fly Chaser" to kill catterpillars frequently. Its disinfecting properties will insure pure, sanitary quarters for your live stock and poultry. At your dealer's, \$1.00, 50c and 35c. PATT FOOD CO. of Canada, Limited, TORONTO

BACK OF EVERY LOAF You put in the oven, must be good flour or your bread will be a failure. REGAL FLOUR is your best guaranteed of success in bread making, and if you see to it that every barrel of flour you buy bears the REGAL brand, you can be sure you have the one flour that excels in every good quality. Buy a barrel today, try it, and if it isn't satisfactory we'll give you your money back. The St. Lawrence Flour Mills Co., Ltd. Montreal

SOLD IN NEWCASTLE BY D. W. STOTHART

Just To Remind You That The Advocate has the best equipped Job Printing Plant north of St. John, and has the reputation of turning out all work neatly and promptly. We have added all the latest types and materials, and consequently are in a position to meet the various tastes and ideas of our numerous patrons better than any other office on the North Shore. Send us your order for Commercial Printing, and you will be convinced of the truth of the above statement. WRITE US — PHONE US — WIRE US Miramichi Publishing Co. Ltd. Union Advocate Office, Newcastle, N. B.

NOTICE OF ELECTION NOTICE IS HEREBY GIVEN that an election will be held in the Town Hall on TUESDAY The 12th Day of August next For the purpose of electing ONE ALDERMAN for the town of Newcastle. Polling from 10 a. m. to 4 p. m. Printed notices containing further information as to conditions of proposed Contract may be seen and blank forms of Tender may be obtained at the Post Offices of Blackville, Coughlan, White Rapids and at the office of the Post Office Inspector, St. John. N. R. COLTER, Post Office Inspector. J. E. T. LINDON, Post Office Inspector's Office. July 17th, 1913. THE ADVOCATE may now be purchased at Follansbee & Co's Book Store. TEACHER'S AGREEMENTS Can be obtained at THE UNION ADVOCATE OFFICE

STOTHART MERCANTILE CO., Ltd., Newcastle