NEWS AND INFORMATION FOR THE BUSY FARMER

(Furnished by the Ontario Department of Agriculture)

A Word to Junior Farmers arging his audience to develop an ideal. Regina, Canada.

Current Crop Report

*Honesty and straightforwardness are

greater service to agriculture than

monetary returns.

dition. In Brant the absence of rain able for crate feeding: Equal parts of would increase the fertility and hatchhas created a difficulty as far as water- middlings, ground oats and barley; ability of the eggs and the livability of ing stock is concerned, but farm work equal parts of middlings, ground oats the chicks is important. is well completed. Stock appears and ground new potatoes; equal parts By the simple procedure of using alfhealthy in Bruce but some classes ap- of middlings, ground oats and mashed alfa hay for litter in the breeding pens pear to have gone back somewhat be- potatoes; equal parts of middlings, at the Dominion Experimental Station, cause of the poor grass. In Essex a ground oat and cornmeal; equal parts Summerland, B. C., a marked increase holme, Kathleen Renwick. complete clean-up of the sugar beet shorts, ground oats and ground barley; in fertility and hatchability of eggs crop is indicated. Fall wheat in Hast- equal part low-grade flour, ground bar- has been noted. ings is in good condition and the report ley, ground oats; equal parts ground states that live stock will go into winter whole wheat, ground whole oats and STORING APPLES quarters in fine shape. Cattle are mov- ground whole barley; equal parts of ing briskly in Oxford with many head ground barley, ground buckwheat and being shipped to Quebec and the Uni- bran. ted States. Between 30 and 35 carloads of cattle have been shipped out of Temiskaming so far and all live stock famine this winter as a result of the absence of rain. Many wells and streams are already dry.

Fertilizer Tests on Potatoes

yield of potatoes was 241.5 bushels comfort of the home." against an average where no fertilizer was applied of 162.1 bushels. This figared out at a net gain of \$56.90 for the recorded. The experiments will be repeated next year.

Junior Judging Contest

ing competition will be held according or alfalfa hay: I pound hay per 100

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SPECIALS FOR POULTRY

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Purina Feeds for all Farm Stock

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officials of the exhibition from agri "Hats off to the past, coats off to the cultural societies and junior grain clubs future," was the slogan given to Junior throughout Canada, while many similar Parmers by Mr. J. B. Fairbairn, Dep- organizations in various parts of the my Minister of Agriculture, in an ad- United States have signified their dedress at a banquet tendered this organ- sire to become acquainted with the tration in Toronto last week. Mr. rules and regulations. Copies of the Pairbairn impressed upon his youthful preliminary announcement may be obhearers the fact that money was not tained upon application, from the Seceverything. The greatest force in the retary, World's Grain Exhibition, and world today is intelligence," he said, in Conference, Imperial Bank 'Chambers,

Fattening Poultry

New Plan of Instruction

is reported in first class condition. rural districts in nutrition, home nurs- ing sorts like Wealthy and Gravenstein Parmers in Welland are fearing a water ing and first aid, sewing, millinery and can hardly be kept past Christmas, so tin, Irene Atkinson. handicrafts, was announced at the 29th that later keeping varieties, like Mcannual convention of Women's Insti- Intosh, Northern Spy, Russet and Baldtutes of Central Ontario in Toronto last win, should be selected for this purpose. week by the superintendent, George A. All bruised fruit, or scabby fruit, Putnam. "It is evident," he said, "that should be discarded and only perfectly During the past summer the Depart- many rural home workers cannot at- sound specimens utilized. If these are ment of Chemistry, O.A.C., in co-oper- tend classes every afternoon from day wrapped in oiled tissue or in ordinary ation with the Boys' Training School at to day for two weeks or more, so we are tissue paper, keeping is greatly facili-Bowmanville, has conducted an exten- planning to give instruction in a form tated. Storing in bushel boxes is presive test with fertilizers of varying which meets the convenience of either ferable to large containers and these of vrying analyses on the potato crop. small or large groups. Instruction will should be kept in a cellar where the Doris Hetherington. In the experiments two sets of plots be given for two, three, four days or a temperature does not go much above were used. On the first set, the fertil- whole week, as well as the present 40 degrees F., and does not fall below hers were applied at the rate of 1,000 courses. Up-to-date information will freezing. The average cement cellar pounds per acre and on the second set be given on nutrition, how to produce with a heating plant, is not satisfacat the rate of 500 pounds. In each set and utilize to the best advantage home- tory for apple storage. The best one plot was left without fertilizer for grown products, how to remodel the old type of cellar is an ordinary dirt floor comparison. In these tests and on this house to make it convenient, attractive cellar without any artificial heat. In soinl, a 2-12-6 fertilizer seems to give and healthful, how to make one's own such a cellar both temperature and materially better results than any dresses and hats and how to make at a moisture conditions are generally satisother. Where fertilizers were applied mniimum expense many articles which factory for good keeping. In the event at 1,000 pounds per acre, the average add to the attractiveness, beauty and of a cement cellar being the only avail-

Recommend Cow Rations

A committee of leading agriculturerop. Where fertilizers were applied at ists was recently appointed to study rathe rate of 500 pounds to the acre, the tions and suggests mixtures of feeds panied by wrapping and a temperature average yield was 190.6 as compared that would be suitable to Ontario conwith 162.1 where no fertilizer was used, ditions. The committee comprised and a net gain of \$18.34 per acre was Prof. J. C. Steckley, Ontario Agricultural College; R. W. Wade, Director, Ontario Live Stock Branch; W. J. Bell. Kemptville Agricultural School, and W. R .Reek, Ridgetown Experimental Sta-In connection with the 1932 World's tion. The following ration was suggest-Grain Conference a junior grain judg- ed for cows in milk and getting clover to a recent announcement. Many en- lbs. live weight; 2 pounds silage per 100 air for respiration. This was demonquiries have been received recently by pounds live weight; 2 pounds roots per 100 lbs. live weight; and a grain mixture of 200 pounds ground or rolled a glass preserve jar and sealing it for oats, 200 pounds bran, 100 pounds bar- a few weeks. When the potatoes had ley, 50 pounds oil cake and 50 pounds cotton seed. Another suggested mixture is 200 pounds oats, 100 pounds jar was opened would convince anyone gluten and 25 pounds oil cake. The protein content of the first ration is 18 per cent. and of the second 17½ per ventilation in the cellar are to provide cent. Either is to be fed at the rate of sufficient intakes for pure dry air, to one pound of meal for each four maintain temperatures ranging from Lean, Ewen Ritchie. pounds of milk. Wheat may be used in 38 degrees to 40 degrees F. if possible, Jr. II—Margaret Vessie, Gordon place of barley and, if roots are not and to provide outlets large enough to Vessie. available, feed three pounds ensilage. carry off surplus heat and impure air. If silage is not available, feed four pounds rotos per 100 pounds live weight.

Minister Announces Program

In an address at the opening of the Royal Winter Fair, Hon. Thomas Kennedy, Minister of Agriculture, announced a program of agricultural expansion and development on a scale never before attempted in the province. The chief points enumerated by the Minister are:

by use of pure stock.

3. To reduce cost of manufacturing becomes severe. field crops into dairy products and meat by more skilful feeding and balanced rations.

4. Extension of agricultural educaspreading information to farmers.

quality of products. The Minister stated that legislation



TRAINER: "I must congratulate you on this article you've written for this paper. It's very 'ot." POPULAR PUGILIST: "That's what they tell me; you know, I wish I could read." -The Passing Show, London.

VALUE OF ALFALFA FOR FERTILITY IN POULTRY

(Experimental Farms Note) Alfalfa in the green state has long been recognized as an ideal poultry feed when used in conjunction with the usual grains and mashes. It is only necessary to see a flock of birds ranggaret Watson. ing in a young stand of alfalfa to realthe that this quick-growing, tender

plant contains some extraordinary health-giving property. It is used extensively as range, or as cut green feed for birds in confinement during spring, summer and fall months, in most alf- Velma Dean, Harold Greenwood, Lauralfa growing areas, but the value of the hay as a winter feed is not so generally known.

It is the constant aim of all successful poultrymen to develop and main-In crate-feeding poultry particular tain high standards in the various care should be taken to feed a ration phases of their work. So much of the which will produce the white fat and year's success depends upon the num-Live stock throughout the province is the milk-fed quality. The following ber and quality of the chicks hatched reported to be in a generally good con- ration has been tested and found suit- each spring, that any knowledge that

FOR WINTER USE (Experimental Farms Note)

Apples to be kept for use during the winter months should be carefully sel-Institution of a plan of instruction in ected for that purpose. Early matur-

able place, it would be wise to cover the floor with several inches of sawdust, which shauld be kept well dampened down to provide the necessary humidity. Such a procedure, accomof from 40 degrees to 45 degrees F., should result in satisfactory storage conditions.

VENTILATION FOR CELLARS

A great many potatoes and roots will be stored this autumn. The question of ventilation for bins and storage cellars is a most important one. The potato strated at the Charlottetown Experimental Station by putting potatoes in used up the air in the jar they died and the vile odor that escaped when the John Vessie. that potatoes must have air to live.

The essential requirements for good Lean. Potatoes also require storage in the dark. Provision should be made for cooling potatoes and roots rapidly when first stred by means of other than the regular ventilators. For this purpose the doors and hatches may be left open at night during the early autumn. Suated ventilator shafts should extend along the floor of the cellar and up through the roots to an outlet. potatoes double slated partitions between ten foot bins provide satisfactory 1. To build up the live stock industry ventilation if outlets are large enough. The ventilators should be fitted with 2. To cut down by 10 per cent the hinged doors so that the openings can annual field crop production in Ontario. be reduced or closed when the weather

DO IT THE RIGHT WAY

The final stage in preparing poultry tional training throughout Ontario and for market, killing and dressing, is most co-operation of county councils in important. Be sure you do it the right way and get the full value for your 5. Erection of cold storage plants in birds. Just a little carelessness, a little ing. various parts of the province for stor- indifference to proper bleeding and ing product and fruit and creating an plucking, and the premium of one orderly market as well as improving grade or more is lost. The discoloration which follows improper and in- Porter, Frank Sharpe. sufficient bleeding, a tear in the skin from careless plucking, dirt or soil on the finished carcass, all lower the quality of the bird by at least one grade. For the present at least the most practical place for preparing finished poultry for market is on the farm. Before Porter attempting to kill and dress poultry for market farmers will find it well worth while to get in touch with the nearest representative of their Provincial or Federal Department of Agriculture Through whom a demonstration in the proper method of killing and dressing poultry may be arranged.—By Department of Agriculture, Ottawa.

of a far-reaching nature affecting agriculture would be introduced at the next session of the Legislature and that a committee would shortly formed to make a survey of Ontario to Webber*, Vincent Campbell, investigate every phase of agriculture. County councils throughout Ontario will be asked to help the Department in spreading vocational education to the larmers. Formation of rural clubs will be one of the chief objectives. A committee has been engaged for the past six weeks in making a provincewide survey with a view to extension of the three- and one-month instructional courses in rural counties. At present ten counties have the three months' course. The Department proposes to ject, Grace Hodgson. extend these courses to embrace the whole province eventually.

SCHOOL HONOR ROLLS FOR PAST MONTH

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IV-Olieda Hahn, Gladys Ritchie Jean Rowe, Clara Thompson, (Marion Moore and Carman Noble) equal, Dorothy McDonald, Victor Goodchild, Mary Firth, Norman Greenwood, Mar-

-J. A. Graham, Principal Sr. III A-Clark Saunders, Robert Milne, Margaret Wilson, Velma Hulme, Sr. III B-Willie Levi, Thelma Priest,

-Emily Hunt, Teacher.

Jr. III A-Helen Gagnon, Emily Cornwall, Vera Collinson, Annie Tinianov, (Margaret Sparling and Lorraine McArthur) equal. Jr. III B-Percy Murdock, Ruth Nichol, Elmer Glenholme. Jean Murdock, Winnifred Osborne.

-Clara McCrae, Teacher Sr. II A-Bert Lawrence, Catherine Rowland, Margaret Armstrong, Esther Bourne, Jimmy Braithwaite. Sr. II B-George Hulme, Arthur Allan, Myrtle Hodgson, Reita Glen-

-Florence M. Kress, Teacher. Jr. II A-Philip Sparling, Emily Pinkerton, Evelyn Aljoe, Glenn Hutton,

Eileen Whitmore. Jr. II B-Wilmer Vollett, Violet Dunsmoor, Jamieson Watson, John Collier, James Wilson. Mary E. Morton, Teacher

IA-Gladys Gray, Ishabel McCormick, Ross Greenwood, Florence Mar- son.

IB-John E. McEachern, Norwood Hutton, George Reid, Roy Innis, James

Jean Harding, Teacher. Sr. Pr. A-David Rowland, Mary Noble, Evelyn Becker, Vera Lauder, Gordon Armstrong.

Sr. Pr. B-(Audrey Collier and Marie McDougall) equal, Eleanor Storrey, and Jean Levi) equal, Effie Collier, Elma L. Ball, Teacher.

Jr. Pr. A-Jack McGowan, Eugene Lake, Russell Long, Velma Vollett. Marie Morton. Jr. Pr. B-(Stanley Greenwood and Alex. McDonnell) equal, Robbie Braith-

waite, John Wesley, Helen Cunningham, Catherine Robb. Jr. Pr. C-Wilfred Lake, Mae Thomp-Roberta McMeekin, Ada Tucker, Roy

Lizzie Schaefer, Teacher.

S. S. 10, Bentinck

Those whose names are marked with an asterisk were present every day. Sr. IV-Ada Miller, *Florence Mc-Lean and Mary McArthur, equal. Jr. IV-Jessie Miller, Grace Davey, Gordon McLean.

Jn III-*Artena McArthur, *John McLean, Bessie Miller. II-*Leonard Davey, *Roy Chapman,

*Kenneth MacDonald, *Charles Ewen, Clarence Lynn. Sr. Pr.-Alwyn Goldsmith.

Jr. Pr.—Velma Goldsmith*. Billie Davey*, Ruby Miller. -Myrtle Mortley, Teacher.

U. S. S. 2, Bentinck and Glenelg Sr. IV-Clayton Reay, Chester Miller, Jr. IV-Georgina Vessie, Georgie

Miller, Glenna Lawrence, Archie Mc-Jr. III-Marjorie Vessie. Sr. II-Ralph Miller, Mitchell Mac-

Sr. I-Bernice Reay, Bryson Clark. Sr. Pr.—Ethel Vessie, Maude Reay. Jr. Pr.-Jimmie Vessie, Alex. Miller -Mary Beaton, Teacher.

S. S. 1, Normanby V-Susie Marshall, Irene Petty. Sr. IV-Tommy Watson, Wallace

Marshall. Jr. IV-Allan Watson, Wilfred Mar-

Sr. II-Bernice Koeing. Jr. II-Clarence Caldwell, Florence I-Mabel Marshall. Pr.—Gladys Caldwell, Kinross Mar-

> A. McAlister, teacher. S. S. No. 6, Bentinck

Sr. IV-Eddie McDougall. Jr. IV-Roy Brunt.

Sr. III-Levi Biemann, John Picker-

III—Elsie Biemann, Gordon Vickers, Kenneth McCuaig, Ruth Vickers, Carman Hopkins, George Sr. I-May Hopkins, Edna Porter. Alfred Sharpe. Sr. Pr.-Maurice Brown, Bobby Migh-

Jr. Pr.-Duncan McDougall, James

Mary C. MacQuarrie, Teacher. S. S. No. 2, Egremont

Sr. IV-Norman Gordon, Jimmy Ferguson*, Douglas Johnson. Jr. III—Bert Marshall*, Percy Gordon*, Ivan Johnson*. Jr. II-Lenore Davis*, Helen Lind-

Bobbie Webber*, George Webber. Jr. I-Wanda Stephenson*, Norma Lindsay*, Bobbie Mighton*. Sr. Pr.-Stuart Pollock. Minetta Vernon

say*, Clarence Gordon, Clifford Gordon,

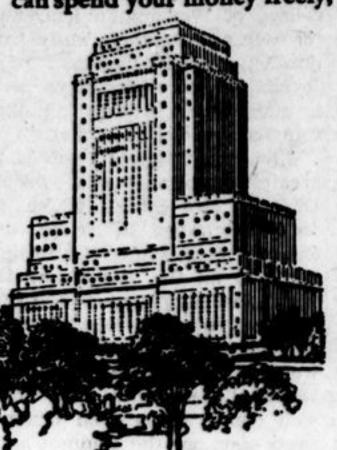
Jr. Pr.-Kenneth Mighton*, Clara

*-Present every day. Frank Dingwall, Teacher

S. S. No. 9, Bentinck Sr. IV-*Donald Walker. Jr. IV-Stephen Stinson. Sr. III-Vera McCaslin, Alice Sub-Jr. III-Helen Sherk, Mary Shewell. Sr. II-Lloyd Subject, Lenora Hodg-

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Pr. A-Iona Hodgson. .- Present and on time every day. -C. D. MacLean, Teacher.

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