

Agricultural News

P. E. I. Department of Agriculture

Weed Control With 2-4-D

When applying a chemical to a crop for the control of weeds, there are several characteristics which the chemical must possess: 1. It must kill the weeds without injuring the crop. 2. It must be safe to handle. 3. It must be easy to apply.

2-4-D is now available and can fulfill these requirements when used as a weed control in cereal grains. It is important always to follow the directions as to time, mixture and means of application or losses may result. Grain should be sprayed when it is 4 to 8 inches tall and before it starts to shoot.

When spraying when the grain is 6 to 8 inches tall will also give some protection to the young legumes as the leaves will provide shade. It is desirable when applying 2-4-D to apply it with a low-pressure sprayer as it is on the growing leaves that the spray does its damage to the weeds. Spraying may be done when the leaves are wet but not just before a rain as the 2-4-D will be washed from the leaves.

In speaking of weeds to be sprayed with 2-4-D, they may be divided into three classes. 1. Susceptible. Lamb's Quarters, Wild Radish, the Mustards, Pigweed, Ragweed, Vetches, Annual Sowthistle, Dandelion, Burdock, Chicory, Wild Carrot and Plantain are common weeds in this class. These weeds are easily killed with 2-4-D, especially in the early stages of growth.

2. Intermediate. These are weeds that are more difficult to kill, but when 2-4-D is applied in early growth can be either killed or at least the tops killed and no seeds develop. This class includes: Common Chickweed, Daisy Fleabane, Purslane, Shepherd's Purse, Wild Buckwheat, Perennial Sow Thistle, Buttercup, Canada Thistle, Goldenrod and Ox-eye Daisy.

3. Resistant. Foxtail, Couch, Grass, Yarrow, Milkweed, Trifolium, and Hemp Nettle. These weeds are either uninjured or not hurt enough to make 2-4-D spraying practical.

2-4-D is put on the market by several companies and of course under several trade names. Also the amount of pure 2-4-D may vary with the different brands. It is important therefore to read the directions on the can as to rates of application for different crops and also to note the strength or concentration of pure 2-4-D in the mixture. There are 160 ounces in a gallon of liquid, so a spray with 80 ounces pure 2-4-D per gallon is much more potent than a mixture with, say 24 ounces 2-4-D per gallon.

There are two common types of 2-4-D which are widely used for weed control in grains. These are amine and ester. The amine preparation is not so quick acting as the ester and is not as volatile (stomach does not damage susceptible plants). If it is safer to use the amine on grain fields seeded to legumes. The ester is a little better killer than the amine and is desirable when the intermediate class weeds are the problem.

2-4-D is of great assistance in the control of many troublesome weeds and when used with care and according to the directions for the various preparations there need be no damage to useful crops.

However, chemical weed control can only at best be a supplement to good cultivation and tillage practices on the farm. Hoeing, cultivating, mowing and rotation of crops must still be the chief means of controlling farm weeds and 2-4-D can be an able assistant "in special cases."

Good Returns Spring has come and many people

and corn. The protein is inferior to that of meats, eggs and raw products but these vegetables can be used as a meat substitute occasionally. A good list for a garden for maximum nutrition and ease of growth might be: Lettuce, Swiss Chard, Spinach, Parsley, Peas, Beans, Carrots, Turnip, Cabbage, Tomatoes, Potatoes, Sweet Corn, Cucumber, Pumpkin, Squash. (These last four require a good deal of space.) Asparagus, Rhubarb. (Perennials.) The summer stretches before us - a pretty flower garden is food for the soul; a good vegetable garden, food for the family. Good luck in your gardening efforts.

Junior Club Broadcast I wonder how many of our 4-H Club members listen to the Junior Farm broadcast that is heard each Saturday morning at 7.45 standard time over CBA. I think there are some very interesting programs coming up and they should really help you in your 4-H Club work.

During the past few months there have been many 4-H Club members taking part in these programs and this should be interesting to all other 4-Hers in the Maritimes. It is the hope of those who are responsible for these Broadcasts that Club members will be featured more often in the months to come.

Along with the regular feature on the program there is also a period for Club News, and by listening to what is going on in some other Club may give you some ideas that you can use in your own Club.

On June 6th you will hear a report on the recent cornerstone laying at the Nova Scotia Agricultural College. On July 13th the subject will be "Home Economics as a Career" and will be of special interest to our Club girls.

On July 20th the broadcast will be prepared in Prince Edward Island, and will tell you how Club members may make our tourists more welcome. On July 27th the broadcast will deal with the "Value of Good Hay," and the ladies are going to discuss "Cold Drinks for Haying."

On July 4th the subject is "Preserve the Fruit." On July 11th "Forest Conservation." On July 18th "Strawberry Clubs and Strawberry Societies." On July 25th "Senior Club Girls' Short Course."

I am sure you Club members will find all the subjects interesting, and I hope that many of you will listen to these broadcasts. If you have any suggestions for their improvement contact your local Agricultural representative.

Junior Club News The regular meeting of the Alma Montrose Calf Club was held in Alma School, on Thursday, May 21st, with eight members present. This Club is short of calves as only five members have secured calves as yet. The next meeting is to be a judging class at the home of Leigh Weeks, on Thursday, June 4th.

The first regular meeting of the Mt. Buchanan Poultry Club was held at the school on May 19th, at 8 o'clock. Eighteen boys and girls attended and joined the Club. Mr. Harry Robbins, Poultry Director, was present and gave the club members an outline of the activities they are expected to carry out during the next year. He stressed the care and breeding of chicks, after which several games were played.

A joint judging class between Gowan Brae and Milton Calf Clubs was held at the farm of Andrew MacInnis, Tuesday evening, May 19th. Twenty-four members were present and several visitors. Following the judging class, the members went to the school for showing of films.

The regular meeting of the Bear River Ayrshire Calf Club was held at the home of Joan Hughes on May 13th. There was an attendance of ten members and four visitors. There was a discussion on purchasing of calves. Three members already have calves, and two more are planning on getting them soon. It was decided to have the business meetings on the fourth Monday of each month, and a judging class on the second Monday. Zeta MacGough invited the members to her home on June 22nd. As there was no further business, the meeting was adjourned by singing the National Anthem.

The Bear River team of Martina Hughes and Patricia MacIsaac received the Maritime Federation of Agriculture shield at a public meeting in Bear River South, May 21st. The shield, which is awarded annually to the 4-H team making the highest score in judging livestock at the Maritime Winter Fair, Amherst, had been presented to them last fall, but was retained for engraving and was presented to them the second time by Mr. James Mundy, Federal Livestock Fieldman. In congratulating the young ladies, he drew attention to the honour which they had brought to Bear River.

FISH and CHIPS From the frying pan to your table. Free delivery on orders of 50c or over. Orders 10 A.M. until Midnight. Sundays also JOHNNY'S FISH & CHIPS PHONE 2873-J

ANY TIME - it's time for KING COLE TEA

CENTRAL GUARDIAN JIMMY'S TAXI - Phone 525. "YOUR DOLLAR BUYS MORE" at the HUGHES DRUG STORE. QUICK DELIVERY Trucking Service. Phone 2139-L. CRASWELL for Better Photographs.

"WE TREAT THE SICK WELL." Giggey's Pharmacy, next Stewart's Bakery. KEROLINE, Electric and Propane Gas Refrigerators. Bryenton and MacKay. TAILORED TO MEASURE SUITS \$39.00 up. J. P. MacPherson and Son.

REMEMBER TO ATTEND Red Cross Blood Donor Clinics at Charlottetown, June 8th and 9th. CHARLOTTETOWN HOTEL SUNDAY Special, five course Chicken Dinner, \$1.50. Served from 12.30 to 2.30 P. M.

BLOOD DONORS NEEDED at Red Cross Clinics in Tyne Valley, Kensington and Summerside on June 10th and 11th. Reserve these dates. MARKET YOUR WOOL co-operatively through your own Association.

CALEDONIAN CLUB MEETING 8 P. M. Friday, May 28th, at Vocational School. A full attendance is requested to discuss plans for annual Scotch Gathering and Clan MacKinnon Day.

C.L.U. EXAMINATIONS IN PROGRESS - Three members of the Prince Edward Island Life Underwriters Association, R. E. Hart, W. B. Bearisto and R. E. Younker, are writing examinations this week in Charlottetown, leading to the coveted degree of "C.L.U."

and stated that a great deal of effort must have been expended to defeat the best junior judges in the Maritimes. This team had to judge two classes of dairy cattle, two classes of beef cattle, a class of sheep and a class of swine. In the first round of judging, the two girls were tied with the team from Gowan Brae.

IN MEMORIAM In loving memory of our dear husband and father. JOSEPH A. SMITH who passed away May 27th, 1952. One year has passed since that sad day. When one we loved was called away. God took him home, it was His will. Within our hearts he liveth still. Its lonely here without you, And sad the weary way. But you left us to remember. None on earth can take your place. Sadly Missed by Wife and Family.

IN MEMORIAM In loving memory of our father, Solomon Fanning, Grand Tracadie, who departed this life May 27th, 1951. His weary hours and days of pain, We know are gone forever, For God has called him to His home. For rest beyond the river. Ever Remembered by Helen, Clarence, Cecelia and Charles.

IN MEMORIAM In loving memory of DUNCAN LIVINGSTON who passed away May 26th, 1952. Though God has him in His keeping, We shall have him in our hearts. Inserted by the Family.

HAPPY surprise for CONSTIPATED CHILDREN At last - a laxative even the fussiest child won't mind taking. Pleasant, easily-swallowed, Children's Own Tablets bring quick, thorough action without unpleasant cramping or griping. For children 3 to 15. Made by the makers of Baby's Own Tablets. Get a package today at your druggist.

Children's Own TABLETS

FRESH MACKEREL Arriving Wednesday. CITY FISH MARKET Phone 389

ANY TIME - it's time for KING COLE TEA

We And Our Neighbours by Ruhamah Scheinfeld Frank AN "ULTRA-MODERN" HOUSE

This past week I have been a guest in a house that can be truly called, "Ultra-Modern". Completed a few months ago, it is similar to the one exhibited by the same architect, George Fred Keck in the Chicago World's Fair in 1933. It won the prize then, but only now are people actually building and living in this type of dwelling place. This house happens to be located in a small town near Chicago, but it can be built in any place, and to suit purposes of various sizes.

If you have boundless strength and love the endless time-consuming details of an ordinary three-bedroom house, this one can have no appeal. Or if you carry in your heart the graciousness of winding stairways, and odd little nooks and corners, the sight and smell of well-stored attics on rainy afternoons; of roomy basements with high ceilings of fire-wood, and preserve pantries, bounteously stocked, the advantages of such a home, will offer few temptations.

But to most of us, on the Island as elsewhere, when one begins to count her (or his) steps as one mounts the stairs, this house has many compensations. To begin with, it is of the not unfamiliar Ranch type - no basement, no attic, all the rooms on one level.

One absolutely new feature, is the heating arrangement. In an ordinary large closet in the kitchen that also contains a water-heater and a water softener, there is a gas-filled furnace (oil can be used instead). This is connected with a series of coils under the concrete floor, and through them the heat is spread, and automatically regulated. It is a delightful and novel sensation to walk bare-footed, across the warm floors, on a cool morning!

The sun also contributes to the heating in the winter. The windows, the picture kind, most of them reaching from floor to ceiling, are made of thermo-pane - two panes of glass with an air space between. By an ingenious, fixed arrangement of the eaves of the house, the sun strikes the windows in the winter when it is low, but passes over them, in the summer, when it is high.

And speaking of windows, one important feature of this house would prove a boon to the folks on the Island. These thermo-pane windows are not used for ventilation. They remain as they were built. But in every room, alongside of them, are wall-panels. When opened they disclose an arrangement of screened slats, called "Louvers", permanently fixed at an angle that permits fresh air to enter, but acts a barrier to rain. Weather-stripping gives extra protection in winter. Imagine never bothering with storm-windows or screens!

Two devices assure extra coolness in summer. An ornamental latticed square in the ceiling near the kitchen, connects with an air-fan on the roof, and the roof itself is built in such a way as to retain the rain-water that aids in the cooling process (Part of the roof is land-scaped and serves as a sun-deck.

A most intriguing innovation, is the sky-light in an inside bathroom. Made of Plexi-glass, a composition used in the cockpit of bombers, the room is bright, even on dark days. And the top-most twigs of tall old trees surrounding the house, wave above it and make washing an extra pleasure! An air-fan provides ventilation.

Although there is no attic or basement, there is enough storage space for everything. In addition to two rooms built into the garage, there are very large closets with sliding doors, and built-in drawers in every room. And of course the kitchen is a marvel of equipment of every description. (Needless to say, in the kitchen there is a built-in dish-washer and garbage disposal, an upright freezer, electric washer, dryer, mangle etc.)

That charm need not be sacrificed to utility is beautifully illustrated here. Completely paneled in wood, the soft gray shade of driftwood, (now widely used in interior decorating) and carpeted in gray, with green draperies and upholstery, there is a feeling of quiet and harmony in this house, that makes a home of any house, rich or poor, modern or traditional.

Decorative One Coat - Satin

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Other C-D products include: CROWN SATIN - super-hiding latex that applies like magic. FLOOR, PORCH AND DECK - hard, fast-drying enamel. CHINA WHITE - non-yellowing interior porcelain enamel. DURONAMEL - beautiful fast-drying enamel. EXTERIOR PAINTS - mildew-resistant trim & trellis, enamels.

THE CROWN DIAMOND PAINT CO. LIMITED Crown Diamond Products are sold by: Prowse Bros. Charlottetown, P.E.I.

Co-Operative Journeys Down Through The Years

The initial year of the new Marketing Board operations were auspicious in results, with livestock sales considerably in excess of anticipated, and the three participating Provinces rallying to its support. Revenues were sufficient to meet all managerial outlay, even apart from the five hundred dollar Provincial grant from the three Provincial Governments interested, and one thousand dollars from the Federal treasury.

Similar experiences and results continued for several years, but difficulties appeared to develop previous to, and were disclosed at, the fourth annual meeting. Volume of business had commenced and continued to dwindle, with earnings sympathetically on the skirts, to the extent that accumulated surplus had to be tapped to meet running expenses. Nova Scotia and New Brunswick livestock being marketed through the Board, had declined to a minimum of its original proportions, with the result that Island patronage was carrying the load.

This situation continued for a couple more years, becoming more aggravated as time went on, until at the final joint annual meeting of the organization matters had become so intense that a show-down demanded, indicated a cleavage had developed, with a two versus one Provincial split in the Board.

A brief review of the years the Board endeavored to service the livestock producers of the Provinces, may be interesting at this juncture. The Maritime Provinces have always been a deficiency area with respect to locally produced meat products, particularly pork and its manufactured preparations, excepting of course Prince Edward Island, which has always been in the reverse position, and usually took advantage of the marketing facilities available, by, and served as a source of supply to its neighboring Provinces.

When co-operative marketing of hogs took root finally, practically all Island production was routed on the hoof through packing plants, either co-operatively or going to plant from farm, thus going into Maritime city and rural locality for consumption, in processed form rather than country "slain". Farm slaughtering and shipment through storekeepers to Maritime consumers, decreased rapidly and eventually ceased in practice.

Under these circumstances, caterers in the consuming areas affected, sought supplies from local farmers, offering them competitive prices or better where necessary, for home dressed hogs, passing the slightly higher cost when it occurred, on to the consumer. This eventually accounted for the rapidly re-

ducing volume from these Provinces passing through the Marketing Board channels at Moncton. In the meantime, Island producers were amply supplying ninety percent of the volume handled by the Co-operative Board and obviously financing, through sales commissions deducted, to a corresponding extent, the cost of Board operations, and in addition contributing through government grant, five hundred dollars per year to help liquidate subsequent accumulated deficits on each year's operations.

At the same time, Nova Scotia and New Brunswick producers were benefitting regularly, from a valuable protected domestic market once open to Island trade, but from which it had now been excluded by co-operative legislative regulations. That was the reef upon which the "Maritime Livestock Marketing Board" founded, at its final annual meeting, immediately preceding Island segment withdrawal from this Maritime Marketing coalition the time it did.

When Prince Edward Island withdrew from the Maritime Association, Co-operative affairs were in anything but robust condition. Livestock shipping clubs had already deteriorated into an irresponsible come-like attitude of operations.

Continued on page 7

PRINCE EDWARD ISLAND DRAMA FESTIVAL ASSOCIATION PROVINCIAL FINALS EMPIRE THEATRE PROGRAMME TUESDAY EVENING, MAY 26th - One Act Plays: Brackley W.I. - "MRS. O'LEARY'S COW". St. Peter's C.Y.O. - "ORANGE BLOSSOMS". North Tryon - "OPERATION COLD CURE". WEDNESDAY EVENING, MAY 27th - Three Act Comedy: Tignish Dramatic Club - "HERE COMES CHARLIE". THURSDAY EVENING, MAY 28th - One Act Play by Parkdale Juniors - "NOT A WORD". and Three Act Play by Indian River Dramatic Club - "THE FAMILY DOCTOR". FRIDAY EVENING, MAY 29th - Three One Act Plays: Ch'town Little Theatre - "SUPPRESSED DESIRES". Ch'town Little Theatre - "JOINT OWNERS IN SPAIN". St. Peter's A. Y. P. A. - "THE PRISON ACROSS THE STREET". Awarding of Trophies. All Performances at 8:15 p.m. sharp. - Admission 50c. Mr. Donald Wetmore of Halifax will be the Adjudicator.

"That's the color" HAPPY surprise for CONSTIPATED CHILDREN Children's Own TABLETS INFINITE VARIETY of colors with Decoratone Interior - Flat, Satin & Gloss Enamels & Floor Finishes Exterior - Mildew resistant paint trim & trellis, enamels Other C-D products include: CROWN SATIN - super-hiding latex that applies like magic. FLOOR, PORCH AND DECK - hard, fast-drying enamel. CHINA WHITE - non-yellowing interior porcelain enamel. DURONAMEL - beautiful fast-drying enamel. EXTERIOR PAINTS - mildew-resistant trim & trellis, enamels. THE CROWN DIAMOND PAINT CO. LIMITED Crown Diamond Products are sold by: Prowse Bros. Charlottetown, P.E.I.

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