

News and Information For the Busy Farmer

Eradicating Perennial Weeds

The roots of perennial weeds such as Canada thistle and field bindweed often penetrate the ground to depths of four or five feet. The roots of these weeds can send up new shoots when they are cut off to depths of 18 inches. Deep ploughing, therefore will not eradicate perennial weeds of this type. One method of eradicating deep rooted perennial weeds is to keep down the top growth by frequent cultivation and exhaust the food stored in the roots. Another is to apply a 10 per cent solution of sodium chlorate at the rate of one gallon per square rod.

Finishing Poultry for the Market

The general purpose or heavy weight breeds of poultry are best suited for crate feeding and best results can be expected only when strong, vigorous sturdy type birds are used. Since the markets demand a light coloured skin, those feeds that tend to produce this should be favoured. Fortunately home grown grains are just what are needed. Oats, barley, buckwheat and wheat are all suitable and are best fed in combination, mixed to a batter with sour milk. Excellent results may be obtained by the feeding of elevator screenings, and that unmarketable potatoes, fed in conjunction with homegrown grains, not only produce economical gains, but flesh of the very highest quality.

Raspberry Planting

During the month of September, or even as late as mid-October, raspberry canes may be planted with as much success as in the early spring before the canes have budded out. The distance at which the rows and plants are to be placed depends largely upon the type of training to be followed. In Eastern Canada two systems are in general use, the hill system and the hedge-row. In the hill system the plants are set at least four by four feet apart, which permits, with care, the use of a single horse cultivator either way. Where land is cheaper and the labor higher, the distance may be increased to seven by seven feet permitting the use of a double cultivator and eliminating most of the hand hoeing. If the hedgerow system is adopted, the rows may be placed six feet apart, or wider, and the plants set three feet apart in the row. If the plants are checked in rows so that they all come opposite, a single horse cultivator may be used the first season and thus cut down maintenance costs by a considerable amount.

After-Harvest Cultivation

For the control of such persistent perennial weeds as Bladder Campion, Chicory and any weeds with deep tap roots, deep ploughing is recommended in mid-summer or cultivation both ways. Roots must be cut off clean and brought to the surface where the sun will assist in destroying them. The disc harrow is not the most effective implement in the control of weeds of this type. Good ploughing followed by thorough cultivation using broad shares on the cultivator is essential.

The "Dry Cleaning Method" has proven the most effective in the control of weeds with creeping rootstocks. Included in this class are four well known perennials—Perennial Sow Thistle, Canada Thistle, Twitch and field Bindweed. Immediately after the crop has been removed the field should be ploughed deep enough to get under the roots, turning them up to the sun. This will require deep ploughing for Sow Thistle, Canada Thistle and Bindweed and shallow ploughing for Twitch. The field should then be left in the rough state as long as dry weather prevails. By this method surface soil is separated from sub-soil, moisture is cut off and roots which are exposed to the sun are destroyed. The cultivator may then be used to bring any roots that remain to the surface. No green growth should be permitted when fighting perennials. Fields which have been treated in this manner may be ploughed late in the fall and left in the rough over winter or ridged up. This ridging up will assist the frost in killing any roots which remain and will permit earlier spring cultivation.

The use of the disc harrow on weeds with creeping rootstocks is

not recommended as it will cut the root up into small segments each of which will start a new plant and thus increase the infestation.

Sugar Beet Crop

Early in August it became apparent that the sugar beet crop was suffering from the extremely hot weather and high humidity encountered during July. Leaf Spot or "leaf blight" became general during the month and was reported present in every district. This disease, when severe, results in a reduced sugar content and greatly retards root growth.

A considerable percentage of the earlier planted fields have produced a new set of leaves from the centre of the crown. This new growth leads to an extended crown which must be taken off as "tare", and also causes a lower sugar content. Recent tests on sugar content indicate from 1% to 2% less than at this same time last year. The crop may improve, however, with cooler weather and bright sunshine, and may yield considerably more sugar than at present indicated. The tonnage estimates have had to be revised downward and present indications are for a 10-ton rather than a 12-ton per acre crop. The total yield will therefore approximate 400,000 tons as compared with 256,000 tons in 1934.

Value of Certified Seed

Commercial potato growers whose stock is infested with diseases or contains mixed varieties would find it decidedly advantageous to secure certified seed. It is not the chief purpose of the Department of Agriculture to encourage potato growers to use certified seed with a view to having their crops inspected for certification purposes, because every potato grower has not the necessary patience and time, or suitable location and equipment, for growing certified seed. The object of the department rather is to have growers use the best seed obtainable for their commercial crop, and help to keep down to a minimum destructive plant diseases, with their resultant serious effect on yields. The use of certified potato seed on many farms would double the yields now being obtained.

Buying Feeder Cattle

With the abundance of pasture and hay, cattle should be fed this fall and winter fairly reasonably. On some farms pasture is going to waste at the present time for lack of cattle. Barns are full of hay and hay stacks are plentiful. This is not likely to have much market value except through cattle. Those needing cattle this fall or winter might advisably be scouting around for animals of good conformation and showing feeding qualities. Good feeder cattle are none too plentiful. There are too many of the plain, common kind. To delay securing a supply of cattle may result in having to accept the plainer kind. Good cattle that are available are being picked up rapidly. When buying cattle attention should be paid to the quality, as animals that show some breeding usually make better use of the feed than do the scrubs.

DORNOCH

(Intended for last week.)

Mr. Jas. Sweeney of Detroit, Mich., returned home on Sunday after a week's holidays with relatives here.

Misses Marguerite and Nora Lister returned to Detroit after spending the summer months at their parental home here.

Mr. and Mrs. J. T. Vasey and family and Miss V. Bolen were Sunday guests at the home of Mr. and Mrs. J. P. Vasey.

Mr. and Mrs. Wm. Barry, Mrs. Ed. Casey, Mr. and Mrs. John Carral and two children of Chicago spent a few days with friends here.

Mrs. Bill Kenny, jr., and two children are visiting at the former's parental home at Garryowen.

Mr. Dougald MacDonald returned from British Columbia after spending a few months with his sisters.

Mr. and Mrs. John Barry and sons, Robert and John, of Cleveland, Ohio, spent the week-end with the Barry and Lister families.

Mrs. W. J. McConvey and Miss Heien of Toronto spent Sunday with relatives here.

Miss Lucille Sharp of Toronto visited her parents here.

Messrs. Victor Sweeney and Fran-

ces Meloche have secured positions in Owen Sound.

WODEHOUSE

(Intended for last week.)

Mrs. Clara Wiley of Markdale visited over the week-end with Messdames Gordon and Williard Wiley.

Misses Ina and Verna Wiley of Markdale visited at their parental home.

Mr. and Mrs. Clive Dolan, accompanied by Mr. and Mrs. Eric Clark, spent Sunday afternoon in Clarksburg.

Mr. and Mrs. Arthur Dalacour of San Gabriel, California, accompanied by Mr. and Mrs. Thos. Wyvill and daughter, Mary, of Proton Station, visited on Sunday with Mr. and Mrs. Robert Brown and family.

Miss Mary Wiley of Markdale visited over the week-end at the home of her sister, Mrs. John Morrison.

Married—On Sept. 14th, 1935, at Stayner, Mr. Gordon Wyvill of Vandeleur was united in marriage to Miss Hazel Fawcett of Wodehouse.

Congratulations.

Mr. Wm. Walsh and children, accompanied by Mrs. Wm. Ward, visited with friends at Markdale on Sunday and attended the Harvest Thanksgiving services in Christ Church, Markdale.

Miss Jean Wyvill of Ebenezer visited recently with Mr. and Mrs. Robert Brown and family.

A number of young folk from this vicinity attended the corn and weiner roast held at Silgo school on Friday last. All report a good time.

Anniversary services were held in New England Church on Sunday last with Rev. Wright of Walters Falls conducting both morning and evening services. The New England choir supplied the music in the morning with a male quartette from Kimberley in the evening.

Mrs. T. I. Fawcett, accompanied by Mr. and Mrs. Harold Fawcett of Kimberley motored to Michigan for a week's visit with the former's son and wife, Mr. and Mrs. Alwyn Fawcett.

MAXWELL

(Intended for last week.)

The Women's Association met at the home of Mrs. Ray Pedlar on Thursday, September 5th, with a good attendance.

The Anniversary service of the United Church will be held on October 6th and a Shantymen's supper will be held on the following Friday, October 11th.

Rev. Bushell and family spent the week-end at Cargill, where Mr. Bushell had charge of the anniversary service.

Rev. Geo. Waugh of Toronto had charge of the Maxwell circuit in the interests of the Ontario Temperance Union and gave a very impressive address on Temperance.

Mrs. Wilbert Poole has returned home after spending the past week at Clarksburg.

We are sorry to report Mrs. D. Long very low at present.

Miss Whewell of Toronto visited with her aunt, Mrs. Wm. Wright.

The annual Grandmother's Day of the Women's Institute was held at the home of Mrs. N. Cairns on Thursday last with a good attendance. There was a good program of songs, readings and contests, at the close of which each grandmother received a pretty glass cake plate as a souvenir of the day.

CHERRY GROVE W. I.

The September meeting of the Cherry Grove Women's Institute was held at the home of Mrs. Sanford Ward on Thursday the 5th, with 11 members and 11 visitors present.

The President, Mrs. Wm. Dickie, presided and the meeting opened by singing the Ode and repeating the Lord's prayer in unison. The secretary, Mrs. R. Boyce, read the minutes of the August meeting, which were adopted.

Among the items of business was an invitation from Barrhead Women's Institute that we visit them at their next meeting, Sept. 19th, and to provide the program. This was accepted. It was moved, seconded and carried that we do not have our annual fowl supper but to have our regular monthly meeting at the home of Mrs. Arthur V. Bowen on October 10th, Mrs. Bowen to be convener of the program. Mrs. Sanford Ward, delegate to the County Rally at Ravensna on August 21st, gave an ex-

cellent report of the meeting. The topic for this month was Education with Mrs. T. Abercrombie as convener for the program which was splendid and consisted of the following numbers: Reading, "The Price of Knowledge" by Mrs. T. Abercrombie; recitation, "The Institute" by Miss Elda Ward; reading by Mrs. J. Bradey; contest, put on by Mrs. Abercrombie with Miss Jean Abercrombie winning the prize, a nice glass butter plate and a reading "Mr. Nobody" by Miss Mickle. The meeting was closed by singing the National Anthem after which Grace was sung. The hostess assisted by Misses Vera Smart, E. C. McInnis

and Elda Ward served a dainty lunch. The afternoon was enjoyed by all.

The Town of Lisiewel has been revising and consolidating its by-laws, a proceeding that might be adopted with profit by many other municipalities. At Listowel an amendment was made regarding the date of elections which will revert to holding the nomination on the last Monday in December and the election on the first Monday in January. For the past few years they have been held a month earlier.

SHOP IN MARKDALE.

CREAM

A good dairy herd is the means of a steady income to the farmer. In most cases a farmer's prosperity can be judged by the size of his herd. To realize the most for your dairy product a good market is necessary. By selling to the Markdale and Dundalk Creameries you are assured of a good market at all times.

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