# **Proceedings of Four Day** Course in Agriculture

The Subjects Each Day Were Very Interesting and Invaluable to the Farmers---The Classes While Small Were Very Appreciative, and Valuable Information was Gained

The four days course in agricule such as Barred Rocks, Plymouth wood. A perfect tree should yield ture, which began in the Town Hall Rocks and Wyandottes. on Tuesday morning. Dec. 1st and Field Crops-B. T. Reed-In taking tree. Care should be taken to cut ending on the 4th, given under the up this subject, the speaker referred off all limbs that cross each other. auspices of the New Brunswick De- to forage crops. Corn, he sail, would as rubbing together forms a screen partment of Agriculture, were not at not prove very successful in New which allows diseases to enter. Aptended by the number of farmers and Brunswick, as the season is too ples should not be allowed to grow

deserving of the hearty approval by raise. It is a twelve row specie. The lows a better chance to see the work

department has so much time and U. S. A. The land should be man-the centre of the tree to the leaves, tion and soil cultivation by Mr. R. money been spent as at the present ured in the fall, and eight or ten and comes down between the wood Newton. for the advancement of agriculture, quarts of corn sown to the acre. The and the bark. A limb cut off should Mr. Newton strongly advised fall quickest. and it cannot be anything else than soil should also be well cultivated, be cut close to the tree. To train a plowing in all cases in order to get disappointing to the heads of the de- Millet should be grown in the early tree to grow in a certain shape, cut as early as possible a start in spring. partment when they see the lack of spring, as it is very valuable as a off the limb to a bud pointing in the Valuable time was lost by spring tem of plants, roots are so far-reach-

great field of knowledge which will tains. One pound of dry matter in wood; the bark will then heal over and then cultivate with any kind of The Banner oats were

others as the department had hoped short. What is wanted in corn is inside of the tree, as the leaves stop an early maturer, one that will riper the sun and does not allow the ap- 11.10-12.05-Field Crops These courses, covering as they early. A late corn is very little value ples to ripen. The proper time to 1.30-2.35—Dairy'ng ... C. W. McDougall did, every department of agriculture, as a fodder. The New Brunswick prune a tree is in the early spring 2.35-4.30—Live Stock Judging. W. D. Fort and R. Robertson were of such a nature that they were corn is the earliest specie we can before the leaves come out. This althe attendance on one day at least. Longfellow has eight rows and is a and how it looks. It is not deemed if not the four, of every farmer in the very late maturer and is not adapted advisable to prune a tree after Aufour porthern countries in whose in to this climate. The North Dakota gust, as the sap is then up in the and Cromptons are very late matur- tree and the wound will not heal so At no time in the history of this ers and are especially adapted to the rapidly. The sap goes up through an illustrated lecture on crop rotapartment when they see the lack of spring, as it is very variance as a on the find to a bad pointing in the interest shown on the part of the food for dairy cattle. Root crops are farmer.

The different branches taken up wick. The roots the first year store were handled by men thoroughly up enough food to feed the seed the bark should be scraped and all loose with the most important in New Brunst grow, and that bud will mature into a limb in the desired direction. The plowing good?"

Were handled by men thoroughly up enough food to feed the seed the bark should be scraped and all loose with Newton said it was. But spring that while a little fertilizer in plowing.

Rev. Fr. Dixon: "Is not double over the whole field.

Mr. Newton said it was. But spring with the was lost by spring that while a little fertilizer in plowing.

Mr. Newton said it was. But spring with the was lost by spring that while a little fertilizer in plowing.

Mr. Newton said it was. But spring with the was lost by spring that while a little fertilizer in plowing.

Mr. Newton then showed slides of

> lution to kill moss, and then scrape, vate as often as possible, and then type-were perhaps the best. spring, then harrow thoroughly, fore the second plowing, Barnyard manure is a good fertilizer for apple trees. Phosphoric acid and with the harrow as soon as it is dry. The short white Dutch clover is during winter. When plowed down in the spring it makes a spl mild fertilizer, and also holds the moisture. A tree will grow from early spring until July. When trees are in a place where they cannot be got at the place wher

wheat. In New Brunswick the Swed-ish turnips produce more to the acre than any other poot. Mangala manure freely cut the grass around locus suits. Then a chipment of the seed on the prolonged. All plants try to live long enough to reproduce themselves.

year. The best place to buy seed this They are soil enrichers, and leave through High School. Plant analy

wall should be 12 inches at the bottom and six inches at the bottom and six inches at the top, therefore so wing. Get last lecture for the afternoon session. Following is a good rotation, then:

Following is a good rotation, then:

Following is a good rotation, then:

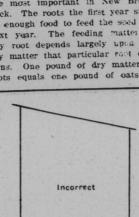
First—Sow grain, seeding down with timothy and clover. The second with timothy and clover. The second able poultry raising, good healthy breeds were necessary. A good hen manure is plenty per acre to put on be cleared off and new sand put on the second selection or for twenty years he had never heard a hesson given, in the neighbout until the middle of June To grow a too many breeds of hens. For profit able poultry raising, good healthy breeds were necessary. A good hen the first profit with timothy and clover. The second care to put on the timothy will be the own country and he will not want to leave it.

The third year the timothy will be the own country and he will not want to leave it.

There are now fifty school gardens in New Brunswick and equiries for the afternoon session.

Following is a good rotation, then:

First—Sow grain, seeding down with timothy and clover. The second care the pupil to appreciate the profit with timothy and clover. The second are profit with timothy and clover. The second to many breeds of healthy breeds were necessary. A good healthy breeds were necessary. A good hen produces about 25 pounds of eggs per the prevailing crop, mixed with clorated a hesson given, in the neighbout until the middle of June To good healthy breeds were necessary. A good healthy breeds were necessary. A good hen the profit with timothy and clover. The second to many breeds of healthy breeds were necessary. A good hen the profit with timothy and clover. The second to many breeds of healthy breeds were necessary. A good hen the profit with timothy and clover. The second to many breeds of healthy breeds with timothy and clover. The second to many breeds of healthy breeds with timothy and clover. The second to many breeds of healthy breeds with three or four times a year. Houses should not be too high, as the heat smooth turnip which is very pleasing of dry matter in fool. Feeding is two years, and will put by its roots, a first year to Trustee for garden goes up, leaving the floor damp, to the eye. The most productive ture one of the most important items in lot of vegetable matter (humus) in work, and \$30 each succeeding year. Draughts are very dangerous and nip is the globular specie. The best keeping live stock. Some hens are the soil, just what is needed for a Teachers get an additional allowshould be avoided as here require to way to get good seed is to grow it not bred for laying in winter. Old root crop, which should be planted be comfortable when on the roost. yourself. Select the best turnips is here are not good layers; they grow the fifth year, to clean the soil again. traveling is paid, and a bonus to Ventilators are essential. Feed your field, let them run to seed, and lazy and fat. Under-feeding and the Such a rotation will keep the farm should be scattered in litter on the in the course of a few years you will wrong kind of feed prevents a hen always in good condition. If grain floor. Poultry should be kept dry, have a seed that will repay you from laying during the winter. Eggs is sown on sod land or new land a The cold does not affect them so abundantly. Select for a seed turned can be produced by proper feeding heavy crop of straw is obtained—just long as it as a dry cold. The will one with a single top root. To keep from 81-3 to 9 cents per dozen, the what is not awanted in grain. the morning thrown on the floor in a butes farm work over all the year.



Poultry—Seth Jones—Mr. Jones, acre than any other root. Mangels who is an expert poultryman, gave who is an expert poultryman, gave a very hard on land; the soil must be deeper and dryer than for tur. A slope towards the north is better and rolled beforehand, ground will be deeper and dryer than for tur. A slope towards the north is better and rolled beforehand, ground will be deeper and dryer than for tur. subject, and in explaining to his hear-nips. Roots should be chosen to suit than the south for orchards, as the not be rough. When grain is 4 to 6 the proper an improper way the soil, for if the soil is shallow, the sun does not have the chance to get inches high, roll again, to break the tion for other crops. to build a poultry house, showed an flat turnip or mangle should be used, obtline drawing of each. Large win- The land should also be plowed in buds out before the frost is all out; compact a "ew mulch. Roll with buds out before the frost is all out; dows, the lecturer said, admitted of August, harrowed a couple of times, it also stops the sap from coming up medium weight roller. If clover or tended six weeks in each. Hoped to too much heat in key and too much and then plowed again in September. too early and freezing in the tree. grass seed is not sown with grain, a cold at night and no ventilation at Seeding should be done about the Weeds-S J Moore-The seed con. tilting harrow will help grain 4 to North Shore. (Applause.) all. Cotton was better than glass first of May. Turnips should be trol act, said the lecturer, was not for windows, because it lets in both thinned as early as possible. The very carefully observed. There was cut with harrow after harvest, to set tary Agricultural Instruction, was sun and ventilation. The location of only reason for having turnips are instruction, which have the next specker. He provides the next specker. sun and ventilation. The location of only reason for having turnips six. entirely too much bad seed sold, fallen grain, and weeds germinating the next specker. He urged a school the poultry house was a very im- teen inches apart is that they grow There were four grades of seed, viz: so that next plowing will cover in garden in every district, and opportunity to because its than they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry house was a very im- teen inches apart is that they grow the poultry inches apart is the poultry inches apart is the poultry inches apart is the poultry inches apart portant item, because if not erect- larger and easter hand'ed than small- extra No. 1, Nos. 1 2 and 3. The and destroy the ed in a suitable place it would have er ones, the weight per acre being standard is becoming higher in gradits ill-effects. It should be on sandy much the same. Where the land is ing each year, and farmers should as- Grain crops take much from soil, soil, because the rain would drain heavier, turnips should be planted in sist the seed inspectors to control and give back in stubble, very little. number even there are not enough off very easily. On clay the rain drills, but where the land is light the seed retailing. No seed is into the ground leaving it althey should be grown flat as the spected by the government except Red clover, etc., leave more in soil come to school with great expecta-A correct poultry drills stop the moisture from reach, that marked C. S. G. A. This is than they take out. They have on tions, but over half leave school beways damp. A correct poultry drills stop the mosture from reach buse should be six squares feet per ing the plant. Root crops need phose grown by the Canadian Seed Grow-their roots machinery for extracting fore they begin to realize what edunctions, but over nait leave school behave their roots machinery for extracting fore they begin to realize what edunctions, but over nait leave school behave their roots machinery for extracting fore they begin to realize what edunctions, but over nait leave school behave their roots machinery for extracting fore they begin to realize what edunctions, but over nait leave school behave their roots machinery for extracting fore they begin to realize what edunctions. It will not be safe not prove the roots machinery for extracting fore they begin to realize what edunctions are called the roots machinery for extracting fore they begin to realize what edunctions are called the roots machinery for extracting fore they begin to realize what edunctions are called the roots machinery for extracting fore they begin to realize what edunctions are called the roots machinery for extracting fore they begin to realize what edunctions are called the roots machinery for extracting fore they begin to realize what edunctions are called the roots machinery for extracting fore they begin to realize what edunctions are called the roots machinery for extracting fore they begin to realize what edunctions are called the roots machinery for extracting forest the roots machinery for extracting forest machinery forest machinery for hens should yield \$200, above cost of fertilizer for roots as it is very rich to buy Western grain for seet this all fertilizers) directly from the soil. pupils remain long enough to go keeping. The foundation of a poul- in phosphoric acid. try house should be treached. The Mr. Gordon did not agree year is on Prince Elward Island, the soil, also in splendid physical trench should be dug to a solid pan with Mr. Reed about sowing turnips filled with cobble stones, then a concerte wall built six fort high. The pine later is the we can get our land wild cot. crete wall built six feet high. The hips later is that we can get our land wild oats, wall should be 12 inches at the bot- in better shape before sowing. Get Poultry-Seth Jones-This was the ers.

dows should be about 18 inches from prinips for seed all winter, keep rest obtained from them being all Rotation not only enriches the soil the floor and built as high as you them in a cool place so they will not profit. A hen should have plenty of but by changing so often keeps it like. The object in having them low sprout. To keep turnips from spoil- exercise. The food should be scat. free from insects and weeks; it prois to admit of the sun shining on the ing in winter, cover them with dry tered in the straw so that will have vides variety of food that stock Wednesday morning with a floor. If straw is placed between the sand or black peat. This also keeps to scratch for it. It is entirely wrong need; it lessens risk of loss from roof and the ceiling it will absorb all the rats and mice from eating them. to feed poultry with a warm mash in failure of any one crop; and distri-AFTERNOON SESSION

should be 18 inches from the floor. Horticulture-D. B. Flewelling-At pile, and not making them work for Different kinds of crops on different The roots should be 18 inches above 2.35 Mr. Fl welling took up his sub- their breakfast. A good feed is fields keep farmer busy at all sea- much fog off the water it puts the the Lests, and the dropping board ject. The Family Orchard apple is cracked corn, wheat, oa's and buck- sons, instead of having big rush at Twenty-five hens are plenty in one products. It is claimed that apples the flook. The dropping board should be are very beneficial to the health. In level, so droppings will not fall into order that old trees may bear fruit the litter. Roosts should not be nail-they must be cared for the same as. There are two systems of feeding illustrated. The ideal way was to use Roosts should not be nail- they must be cared for the same as There are two systems of feeding illustrated. The ideal way was to use wet land. ed, as it is necessary occasionally to for any other vegetable crop. Many mash, the wet and the dry. He big machinery, but this was impos-The people think that trees should grow would not advise feeding a wet mash, sible for individual farmers. But it How far Apart Weuld you Set Young Mildredina Hair Remedy, increases a large bottle druggists everywhere. roosts should be sprinkled with or after planting, but this is not alto. A dry mash made up of the following was hoped it would be taken up by dinary lamp oil, and all crevices gether the case. Trees should be would be found to be the best: 11/2 Agricultural Societies and that This kills pruned every year, for if they are parts wheat bran, 1 of middlings, 1 of operative farming would be introducall vermin. Poultry should not be left to grew, many branches will corn and ½ corn meal. Idle poultry ed. ingre kept too long on the same ground, as grow wild and not only spoil the are more apt to cat eggs than those Drains can be built by loosening food. becomes foul. The poultry house looks of the trees but will also afthat are scratching all the time, ground with sub-soil plows with is the most important part of poul- fect their bearing qualities. Trees Fresh water, sunshine, and fresh air mouldboard taken off and six foot try raising. Cotton is much better may be pruned two ways. First by are very important to hens. Char- chain attached to plow. Thus horse se it leaving the central leader and taking coal and grit or shells should be be can walk in ditch, or two horses one does not allow enough wind it to away all side limbs; second, by takmake a draught and does not collect ing out the central leader and leavare too fat they lay 1-formed eggs,
Manual labor on farms is too exditching. Machine drainage is the
will be a rarity. ing the centre open. All dead wood if they have at all. A warm drink is should be removed. This destroys the hens most adapted to the insects, as they live in the dead weather.

There is only one way to cure dangered and the first of orchard growing. A warm drink is pensive. A farmer can't afford to chief part of orchard growing. A wind break is very important where the insects, as they live in the dead weather.

There is only one way to cure dangered and the first of orchard growing. A warm drink is the pensive. A farmer can't afford to chief part of orchard growing. A warm drink is been one man driving one horse. (Continued on page 3)

## **PROGRAMME**

Tuesday, December 1st

10.05-11.00—Poultry	Seth Jones
11.10-12.05Field Crops	B. T. Reed
1.30- 2.25—Weeds	S. J. Moore
2.35- 3.30—Horticulture	D. B. Flew-lling
3.40- 4.35—Poultry	Seth Jones
7.30 -Crop Rotation and Soil Cultivation (illu-	strated)R. Newton
Agriculture in Rural Schools	R. P. Steeves
Wednesday, December 2nd.	
9.00- 9.55—Horticulture	D. B. Flewelling
10.05-11.00—Business Farming	R. Newton
11.10-12.05—Poultry	Seth Jones
1.30- 2.25-Farm Sanitation	
2.35- 3.30-Building and Vent tion	
3.40- 4.35—Field Crops	B. T. Reed
7.39 -Live Stock (illustrated)	
Horticulture (illustrated)	D. B. Flewelling
Thursday, December 3rd.	
10.05-11.00-Horticulture	D. B. Flewelling
11:10-12:05—Dairying	C. W. McDougall
1.30- 2.25—Field Crops	B. T. Reed
2.35- 4.30-Live Stock Judging	ord and R. Robertson
7.30 —Plant Diseases (Illustrated)	W. McIntosh
Friday, December 4th.	
9.00- 9.55—Soil Drainage	
0.05-11:00—Dairying	C. W. McDougall

Educational Work of Department of Agriculture ... R. Newton

#### TUESDAY EVENING

The evening sess on opened with ery, etc.

ash is more important than nitrogen in order to make a mulch on top, to sown in all pastures to apple trees. Cultivate to the first keep the ground uniformly moist, of July, hen sow a cover crop such as and the moisture from escaping. This Red Clover—being a treunial—is

with double-action cutaway machin

Then Mr. Newton showed how seed can be tested, to see what seed

vation has great effect on root sys-

conversant with the subject placed in next year. The feeding matter of bark taken off, as this is the chief plowing rather injured texture of oats. The slim 50 lb. black oats were their hands and those who were in any root depends largely upon the hiding place of the insects. Canker seil. Plow a shallow furrow right coarse in hull and rather late in sea attendance had opened to them a dry matter that particular root con- on a tree should be cut off to new after having, then roll it same day sout and early shelled on ground roots equals one pound of oats or and protect the tree. For a spraying harrow but a springtooth, as the lat-spreaders and a good crop. The material use a line and sulphur so-ter tears ground too much. Culti-Dauphiny cats—a very spreading To cultivate old trees, plow shallow plow deeply into in the fall. Un-wild out was not common here, as as soon as the snow goes off in the less soil is light, put manure on be- in West. To avoid it farmers had

clover, rape, etc., and allow it to is particularly necessary with root not dependable after second year.

Woodstock or Sussex should be at-

as good an education as now ob tainable by the small percentage who of roots which looseus the land.

Hood crops—roots—are soll cleanacre of land in district. As Inspect.

11/2 hours a week are set aside for much at all.

WEDNESDAY MORNING The session opened at nine o'clock sion on Horticulture by Mr. D. B.

Yes, to some extent If there is too back in budding in the spring. Selt

Trees?

needed in the soil to change certain man, woman and child in America ingredients in the soil into plant within eight years.

costs about thirty cents per rod with twenty years from now a bald head

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