PROCEEDINGS IN FOUR DAY **COURSE IN AGRICULTURE**

on the tops to keep them down.

same as raspberries. These of date, and in farming, too, tact and in this way. If mik does not soon that should not be cultivated in the lecturer here showed two pictures—one of a log house, still found any more than can be helped.

What causes milk to sour after a thunderstorm?—This is caused by out of doors to rust; left his manure.

Pirying—C. W. McDougall—Clean man farm of Westmorland Co. mak is the first and most important part of obtaining pure and wholesome must be studied. Plant diseases were generally fungeus microscopic parish. tem of ventilation

for Dairy Cattle? This depends entirely on the individual and does not make any dif-

THURSDAY AFTERNOON Score-Mr. Reed ,i . taking up this important. subject, gave to each member of the class a score card as herein shown. Avoid wet soil The class was then provided with Potato scab is bad in places. Pro-

for the points which appear. Or the score card it will be noticed with Insect Pests.

For potato scab, avoid alkalies, some points exceedingly over the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes, which are good elements which are essential to the lime and wood ashes are two claims.

clyde stallion owned by Sheriff a little. Prof. Robertson went over the ani- Use Bordeaux mixture. different points in that particular animal, both strong and weak, which were as follows: A five shaped head and meck, good legs, a good breadth between every stood well on legs, and the strong and the certain soils. Potatoes in high between every stood well on legs, and the restriction of the strong and the common of the strong and th between eyes, stood well on legs, ground have no blight chest and hips were not as fully de- after crop is changed, if wild mustard self the most valuable veloped as he would like, but on the of same family as cabbage, is allow-feed. whole a good specimen of a draft ed to grow there,

clined to favor the mare, although educated in his own line. He thought that the colt Mr. Smith, of Teteagouche Agriculwould never develop to be as good a tural Society, was called upon to draft horse as the mare, his legs speak. He said the secret of his sucter. He also thought the colt stood cultivated—absolutely free from for butter-fat. This 'est was done by

looking animals, but would clear of weeds. a horse's head alone one could tell tario farmers were compelled to This caused the butter-fat to rise or one might be sure of a long-legged thorities. and slim bodied animal. He said that the hoofs should be wide at the top because a horse with narrow the land in New Brunswick is and Mr. McDougall explained how it

ity was determined by the crimp in the wool and by the thickness of it. same as the branches of a tree. The was rough and of a bluish tint. THURSDAY EVENING

Entomologist, spoke on

get many farmers to attend meet able to send a surveyor to go over clover flowers. Now New Zealand there were no telephones, no electric What is the cost of drain per acre? disease was transmitted only by lights, no phonograph, no wireless -about \$56.00 per acre. a St. John cotton milt a six-year-old advised holding the milking pail as sleeping sickness of Africa. What mechine good for 25 years was close to the cow's udder as is pos(Continued on page 8)

d be planted in rows six feet one that would reduce cost of produc apart and about three feet apart in tion a fraction of a cent a yard. Big These will soon fill in the firms paid men for going round cri-Pruning is very advisable in ticising in their plants and looking for spherry plants in some sections. It chances of improving the machinery.

better to lay them down during If anyone critized a farmer in his there any remedy for a cow that aspherry plants in some sections. It chances of improving the machinery.

wood should be pruned out every out of doors to rust; left his manure the warm atmosphere caused in mos vear. The bulk of the berr'es grow heap out of doors, where the best cases by the thunderstorm. Mr. Mc in the young wood. They are very part of it washed away, and kept his heavy feeders and should get plenty cattle shivering in a too well ventilof fertilizer. The same conditions aparted barr, eating too much food, gram for the afternoon, whether is The other was the well kept Hick-

dairy products. The stench and ungenerally fungous microscopic parisiwholesome conditions of the stable tic plants, reproducing themselves by are chiefly due to the imperfect sys- somewhat seed-like spores. All fungi are not bad. One species is death What are the best Breeds of Cattle to the brown-tail moth. They are ly started it is one of the best for trying to cultivate this in N. B.

The fly cholera kills flies. Late Blight may destroy 50 per ference as regards breeds. A small cent. or more of a potato crop. It is fore. top on a milk pail is much more san worst in a wet season. It comes able, from warm thaws to cold frosty mailed." itary than a larger pail, because it generally from diseased seed. The does not allow so much dirt into the remedy is to spray from July to bare spets through the winter, we September with Bordeaux mixture. Field Crops-B. T. Reed-The Oat on the land. Clean culture is most loam is the best for the growth of ter you adjusted claim."

Early Blight is not so dangerous.

market. These samples were tested new kind of crop cuts off its supply contained in the old stalks. for the points which appear.

of food, and t'e parisites starve. So

Are wood ashes good for

Nowmarket, the Nowmarket comes in all other cases, and use clean seed. to a higher point of perfection than to disinfect seed, soak it in a solueither of the first or second samples. tion of formalin—half a pint to 15
gallons of water. Soak seed two
hours. Disinfect all baskets, bags,
to a higher point of perfection than
to disinfect seed, soak it in a soluthick enough. Where plants grow too
far apart they grow heavy and rank.
This produces an inferior quality of
"Auto to H to a higher point of perfection than To disinfect seed, soak it in a solu-

judged. Mr. Robertson, assisted pint to 30 gallons of water—two ter feed grown for feeding cattle by W. D. Ford, inspected the various breeds of hors's en exhibit. First, a seeder for the seed will have swollen of the richest plants in nitrogen

between eyes, stood well on legs, ground have no blight good feet of good size and shape, etc. Club Root, which attacks cabbage, could reach. Clover takes nitrogen He then explained that the width of raddish, etc., may be kept in ground from the air and thus produces for it

N. B. is a splendid agricultural grow their own clover seed. To grow The next brought up was a heavy country, and if a farmer cannot make clover seed, the first crop should be Clyde mare and a colt about 18 a living here there must be a reason cut early, and when the second crop months old. Mr. Robertson was in- for it. The live farmer must be well comes up, if you intend to let it run

were too long and could be much bet- cess lay in keeping his land properly sample of milk was taken and tested The next were two light driving grew all his own seed, except clover, was partly filled with milk and an amount of sulphuric acid mixed with These Mr. Robertson thought very ing each farmer to keep his own land it. This changed the whole mixture Highest Prices paid for hides and

FRIDAY MORNING

son's place and brought forward the around a traction ditcher. The farmsheep. He explained that the Down ers were to provide the board of men ing specie were the best for this working the machine and the tiles to He said their fleece was be laid under the supervision of the for the judging of cattle at the Arm shorter and thicker, and provided the government inspector. This offer animal with a warmer covering than was not taken advantage of as much Mr. Robertson explained the differ animal with a warmer covering that the other longer, more open fleeced as the government expected. To lay sheep. The finest wool on the animal was on its fore shoulders, getting should be placed through the middle should have a rather long, slender rough the middle should have coarser as it went back. The qual- of the field. Smaller drains running head, a clean-cut throat and neck A healthy animal's skin was smooth drain not only drains off the water stout and thick through, thick, short and pink, while a sickly one's skin and allows the roots to go deeper in head, good distance between the to the soil, but also allows more air to get into the small crevises left the backbone standing well up on Thursday night, Wm. McInto3h, empty by the water which has been curator of the St. John Natural His-run off. This air in the soil sweetens shoulders from the backbone down tory Museum and acting Provincial the heavy, damp sour part and also the legs to the shoulder take the helps to break up certain ingred- form of a wedge. ients which are used by the plant for Plant Diseases, he said, are responsible for a loss to N. B. farmers veyed before a drain is laid. If the on Insect Pests. of 20 per cent. of their crops, and, drain is level in any place the fine in case of some particular crops, of grains of earth which go through the to national prosperity or loss. In 50 to 70 per cent. Nowhere is know- tiling will collect in this particular Australia clover cou'd not be got to more use than in Agricul- place and fill up the drain. Next seed until bees were introduced ture, yet it is the hardest thing to year the government expects to be carry on cross-fertilization of read free literature, or the farms of those who have applied an! Australian clover-fed mutton is change their methods. Yet all is for drainage free of charge. They all sold in Britain and Canada. changing. People in the audience so expect to have a traction ditcher could remember when in Newcastle to do the work at a very low cost. vana when it was discovered that tae

sible to have it, and milk with convenience. Milk if cooled immedately fter it has been obtained, gives a better flavor than if it is left to cool off gradually. If the cleaning and ils are kept in perfect condition, the milk and butter will always be clean and sweet. If milk is inclined to become bitter, a little sou milk put into the sweet will turn the milk sour, and will stop the bitter taste. Of course this test applie only to butter making.

the winter. This is done by bending work he might be chased with a gives bitter milk?—A cow that the stalks over and enough earth put pitch ork. The modern rifle is 40 too long and should be taken out of pitch ork. The modern rifle is 40 times as effective as that of 40 years that of 40 years the class of dairy cattle. This fault the tops to keep them down.

Currants need a strong, keavy loam ago. The Japanese ships that won the great victory in 1904 are now out the great victory in 1904 are now out same as raspberries. These of date, and in farming, too, there are difficult will not be found in young cattle, even if their mother has been affected in this way. If milk does not sour

> Dougall let the class decide the pro ing milk, by the separation and gravity process, or butter testing The class decided on butter testing Field Crops-B. T. Reed-The chief vers is that some live for more than one year and some do not. Alfalfa is a perennial and after it has got right-

The growth of clover depends If the winter is very change spells and the snow goes down to Leave no little potatoes or old tops the next year. A rather light, sandy clover.

Should potatoe stalks be allowed to stay on the field?—It is more to days after you viewed my loss." The class was the provided with three samples of oats—1st, the White Per rotation of crops kills it out.

No disease of plants is general. A lisease, particularly late blight, is Policies you held on our Branch destination. the stalks off. as most of the potato received covering total loss of two Are wood ashes good for clover?- other day."

growth of clover. Most farmers make last week. At 2.35 the class proceeded to the Armory where the animals were to soak seed in weak formalin—half a hay. Cattle should not be anowed to pasture on clover fields after the crop has been taken off. There is no bethay. Cattle should not be allowed to trip. that can be fed to cattle or horse O'Brien was brought forward and Apple scab causes immense loss. Clover should be cut at the proper mal very carefully, explaining the For black knot fungus, on plums can use. If left two long standing

> Mr. Reed advised the farmers to to seed, you should let it stand as

FRIDAY AFTERNOON Dairying-C. W. McDougall-A

weeds—and in using proper seed. He the Babcock system. A glass voil never develop much speed. Mr. Rob- R. Newton heartily endorsed Mr. then put into a machine very much the carcass. ertson explained that by the look of Smith's idea. In some sections of On- on the principal of a cream mixture. pretty well what kind of a body was clean weeds off their own roadsides the voil which was ruled for the pur behind it. If a long narrow head, or pay to have it done by the au- pose. The milk was found to be be low the standard of that allowed to be sold by city dealers. Butter was hoofs was more apt to develop ring properly drained. This fault lays was tested. This was done by means bone and other diseases of the hoof with the farmers in not understand of a score card much the same as ing the use of draining. The gover: was done with the oats by Mr. Reed. W. D. Ford then took Prof. Robert ment made the effer of sending The butter was found to be of a very

> Live Stock Judging-R. Robertson -At 2.35 the class again collected

FRIDAY EVENING Friday night Wm. McIntosh spoke

Yellow fever was destroyed in Habite of the mosquito. Malaria is and the world had no flying machines. A medical work five years old is now out of date. Last year in that should be taken in milking. He

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The committee appeal to clergymen, churches and organizations of all kinds and to private individuals to co-operate with contributions and in organizing sales and entertainments.

A depot for receiving food and clothing has been opened in the new Pettingill warehouse, Water street. This committee will be glait to receive clothing of all description, new or old, for men, women and children, blankets of wool or cotton, and food of non-perishable nature that can be transported to Belgium.

Shipments from outside points to the Belgian Relief Committee will be handled by the railways free of charge.

Information as to the plans of the committee will gladly be furnished any desiring to assist by the secretary, G. E. Barbour, St. John, N. B. Telephone Main 216.

3. Telephone Main 216.
The local Branch of the Red Cross Society will receive all contributions to the Belgian Fund at the Town Hall on Tuesday even-

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