PARMERS' INSTITUTE.

SUCCESSFUL BEGINNING.

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interest institute was held in slain such a Goliath. (Laughter.) Bowledge and experience, and who grains. dowed themselves anxious to com- Prot Brown congratulated Mr. fagriculture.

lownship, read a paper on "What we green fodder. It b not know about Agricultural Chemistry," By the science of chemistry we learn that the earth and all things, therein, are composed of about 10 distinct elements, and that agri gultural chemistry takes in about onefourth of that number. The practical farmer does

NOT WANT TO KNOW TOO MUCH

his is we do not know. There are no strules whereby the farmer can purme his avocation with certainty as to the results. In seventific farming and

SHOULD BE CALLED "SOUP."

He mentioned the chemical propertes of the turnip, and gave it as his opinion, which is derived from expenence, that it is very valuable in counties where it can be eaten off the land in winter. But in this Province where the turnips must be housed for winter use the profit and loss account depends greatly on the conveniences and manner of handling. Turnip tops are good for sheep. Nitrogen forms important element in agricultural themistry. Farming is something like being at sea with a sailing vessel. lou have a good vessel and your plans Well laid, but owing to wind or weather often have to steer a course yeu do not want. He was of the opinion that

REGULATION OF THE RAINFALL

of for fall wheat is good barnyard and is not to be broken up. manure. In order to produce a plant and annual to the best advantage it is amply necessary to take them to pieces as the expert alone can after a lifetime's work. Our chemistry and botany should be therefore an appreciative peep into how they effect the farmer in producing the particular and annual under conditions. The had told him of the difficulty in getting the right material to work withpractical farmers' sons. Mr. White and said it is quite amusing how some so as to show up what they imagine by little imperfection in his way of doing, and when an opportunity presents itself they will gather around

CHARGED WITH SUCH QUESTIONS

camphorated, corrosive sublimitized any dash is used, the old fashioned of the evening. miment on a horse's leg with your dash churn is the best. Milk should of the evening.

hand?" The student will sare at them, be cooled gradually from milk beat and they will take it for granted that down to say 40 degrees. It is injurious he is floored. If the boy's father who to cool it suddenly or put in a cold slung that liniment be present, he room at once. The best milk can is '87. Friday and Saturday the first wifi feel elated to think that his David, made 20 inches deep and 8 inches the meetings of the Centre Grey who has never been from home, has across, or similar to a stove pipe. He '87.

had state of the roads—neither have some correct understanding one factory, but would strongly recomwheeling nor sleighing—there about the position the turnip takes as mend butter factories as a means of a fodder for cattle. The turnip has raising the reputation of Canadian progressive farmers were the little value intuitively, but it is of butter by making an article of uniform which largely made up the great value in other ways. It has a and high grade. Professors Brown and Gren. laxative effect, and is a stimulant. The Mr. Wm. Brown and Mr. H. Melthe meetings, also a number of quantity. Two bushels, which some well as butter interests. pess the mount agriculturists gave people feed, is ton much, and would Mr. W. J. McFarland was called on and gave his (not very flattering) exhere were present, leading farmers pounds is quite sufficient. Walter perience in farming. He, however, '86. Sullivan, Holland, Euphrasia, Nikols, of Proton, asked if it felt strongly interested on the ques-Osprey, Artemesia, would be more profitable to raise an tion of butter manufacture, and would Jan. '86.

sking a deep interest in the valuable Mr. D. R. Ellis thought the would bring about higher standard of '86. formation given by the Professors, surrounding district was very well Canadian butter; as it is, there is a both of whom are men of unquestioned adapted to the cultivation of coarse serious loss all the way from the '86.

minicate to the audience, in a plain White on the excellence of his paper. an address on and intelligent manner, the informa- He said that there is some misunderneeded on the various branches standing as to what chemistry is. The idea that a farmer requires a knowl-The President, Mr. Thos. Gilray, edge of chemistry to analyze his soil made a short opening address, and or foods is all nonsense. In many called upon Prof. Brown to explain cases the chemist cannot tell what a the objects of the meeting. The latter, soil is fit to produce. He is doing us mong other things, impressed upon a great amount of good, although we the audience the fact that he and Dr. cannot take him side by side with us. Grenside were present to assist, and There is no crop so expensive to pronot to conduct the meeting. 'He also duce as turnips or roots. But they mite of the importance of discussing form an important part in rotation. he subjects upon which papers are Green fodder for your stock in the winter is essential. He described en-MR. T. B. WHITE, of Collingwood silage as the manner of preserving a banefit to get rid of it by careful '87.

CORRESPONDS WITH PICKLE-MAKING. There is no trouble in preserving en- those with which the former comes silage, but it does not retain its more immediately into contact, viz. : sweetness, as it becomes fermented. the English Cart, Clyde, Suffolk, and It cannot take the place of hay, as Percheron. While acknowledging claimed by its advocates. At Guelph, and explaining the merits of these where it has been largely experimented different breeds he was personally in on, it required to be fed with bran to favour of encouraging to a greater exproduce the same results as turnips. tent the Suffolk Punch as an agrip succeed well, his work being to It produces an abundance of milk, but cultural and light draught, urging their ambine and build up, and just how is not valuable for butter or cheese.

paper on

PERMANENT PASTURE.

heoretical experiments, there seem He said that permanent pasture was the Professor. to be a great many conclusions arrived pasture that lasts forever. If we are | Should a horse get water before his which are not borne out in practice to take a lead in dairying products we meals? Yes, but should not get oats ty the results obtained. To illustrate must have better pasture. We have for half an hour after water. this he instanced the turnip as a field no pasture in this country. Timothy Is there any economy in cutting Crooks, formerly Minister of Education crop, and gave his opinions as to its and clover do not make milk, but on hay or straw for horses? None in effects upon land, and its worth as a the other hand dry the cows. We the sense of improving the feed or substitute for feeding purposes. He have no pasture, or at least very making it more nutritive, but perhaps referred to the assertion of Rev. W. little, on which to finish stock as we some in making it inconvenient for a Crooks was born in West Flamboro' F. Clark, that the turnip contained should have. We should keep abreast horse to pick the best out, leaving the in 1827 and was educated at Upper about 90 per cent, of water, and for of the times and the demands of the refuse. A horse should have a little Canada College and Toronto Univers. feeding purposes it is like handling so markets. Farmers in Ontario are all cut hay or straw in his oats to prevent ity. He was elected to the Legislature much water for very little use. He too well off or necessity would compel bolting, and compel the animal to eat quoted several other opinions concern- them to pay more attention to this slow. Bran should not be fed dry. ing the turnip, which were so varied subject. What we want is a continuous One gailon of oats is sufficient per day that it was difficult to arrive at a crop, which he would produce by for an average horse when idle. orrect conclusion. He thought that sowing on a rich firm surface, with Dr. Sproule gave a short but able Department of Education. More than what was spoken of as water in the 35 pounds of seed per acre, including and earnest address on agriculture, nine varieties of grass and five of its importance and great possibilities clover, as follows:

GRASI	55.			
Meadow Fescue		•••	6	lbs.
Meadow Foxtail		0	8	••
Orchard Grass			3	
English Rye			2	4
Kentucky Blue			2	"
Timothy	•••	•••	3	4
Red Top			2	14
Yellow Oat		•••	2	"
Fall Oat	:::	,	2	
CLOV				
Lucerne			4	"
White			2	• • •
			2	•
	•••		1	- 66
Yellow			1	
				-
Total	•••	•••	\$5	ilbs.
He reminded his	heer	ers. tl	at	this

pasture was not to take the place could not be accomplished by arbori- timothy or clover. A piece of land culture. The best protection he knew should be set spart for this purpose,

EVENING SESSION.

Quite a number of ladies were present, and the meeting took the form of choice selections.

article manufactured in the shape of sayed" up to her. milk, than any other agency. The Short Horn is the best breed for On- with you in the next set?" tario, all things considered, and the "You bet you kin, young feller. Jersey next. The best churn is a for I've sot and sot till I've about tuck plain hox without any inside works, root." the safe to rub a turpentined, but fastened so as to be revolved. If

did not recommend creameries, where while, and notwithstanding the Dr. Grenside said that we should both cheese and butter was made in

the Oniario Experimental mistake that is commonly made in drum also spoke, pointing to needed '87. gie of the greent to ad- respect to feeding turnips, is the improvement in the school law as

Colling world, Glenelg townships, all acre of turnips or an acre of grain. be glad to see any reformation that manufacturer to the consumer.

The second day Dr. GREENSIDE gave

POINTS OF HORSES AND BREEDS.

The lecturer first referred to the essential elements or points that are desirable in making up anything like a perfect horse, for he held that it was very seldom that anything like perfection was met with. After speaking of the more important points he made especial reference to the profusion of hair on the limbs, so noticeable in such breeds as the Shire and Clyde. May, '86. He considered that it was a drawback perdisposing to skin diseases of the extremities, and that it would be selection in breeding. The address was confined to the heavy breeds or constitutional vigor as evidenced by Prof. Brown was called upon for a their middle piece. He also considered the absence of long hair on their limbs an advantage.

Several questions were then asked

in our fair Dominion,

Mr. Thomas Kells, gave a paper on "Seed grain" and the necessity of a change. This subject was warmly discussed, and the great importance The Scriptures not applicable of a medium by which a desirable change of seed could be effected, was acknowledged by all, and a resolution ment from a suitable country or the Christmas service, district.

The several sessions of this very love his neighbor-" important meeting was deeply interesting, and a large number of mem- wife. bers enrolled. The cost of membership per year is only 25 cents, and what he said," every farmer should be a member. February next,

Had About Taken Root.

Al. Sproule, one of Chicago's an entertainment, with Mr. John prettiest and sweetest travelling men, Lyons in the chair, when our popular was up in Michigan not long ago, Scottish vocalist, Mr. Anderson, gave and was caught over night in a very little town. There was a dance on in each month. Prof. Brown gave an interesting for that evening, and Al. concluded address on "What is Milk?" He said he would accept an invitation and ate President Johnston, of Guelph, that the food partaken of by the cow swing the country lasses for awhile. Ville. did not control the quality and quan- He went to the dance and danced tity of milk as much as many gave it with every girl there except one ville. credit for. He thought it did have a scrawny one, who had set all evening and said it is quite on her at last, and putting Du and flow of milk, but the cow or Al. took pity on her at last, and putting farmers will watch the returned student "machine" had more to do with the on his most angelic smile, he "shas-month.

Chate

"May I have the pleasure of dancing ham.

Al. did the graceful in great shape,

Rutledge Bros., Fort William, Jan. Joseph Graham, Port Arthur, Jan. Watches,

John Foster, Corbetton, Jan. '87. E. D. Wilcox, Uxbridge, Jan. '87. Jas. Foster, Markdale, Jan. '87. H. D. Irwin, Markdale, Jan. '87. C. Littlejohns, Markdale, Jan. '87. Jas. Mercer, Markdale, Jan. '87. John Richardson, Markdale, Jan.

John Walker, Markdale, Jan. '87. A Beautiful Stock to Select from. Geo. Grant, Markdale, Jan. '87. Hill Bro's, Markdale, Jan. '87. R. B. Currie, Markdale, (New) Jan.

Alex. Mathers, Markdale, (New) D. McLean, Markdale, (New) Jan.

L. Knapp, Markdale, (New) Jan.

Geo. Swanton, Flesherton, Oct. '85.

A. S. Vandusen, Flesherton, Jan. give satisfaction.

Wm. Buchanan, Vandeleur, Jan. 217-269 Geo. Lawson, Kimberley, Jan. '87.

Jas. Farding, Rocklyn, Jan. '86. R. H. Whitby, Orangeville, Jan. '87. R. J. Boyd, Berkeley, Jan. '87. Thos. Sowerby, Berkeley, Jan. '87. Wm. Bruce, Lily Oak, Jan. '87. Thos. Neely, Harkaway, Jan. '87. W. J. Neely, B. C., Jan. '86.

Wm. McNally, Markdale, (New)

Isaac Brown, Markdale, Jan. '87. Simon Plewes, Creemore, Jan. '87. Rev. P. Flint, Singhampton, Jan.

Wm Boyd, Markdale, Jan. '87. W. Montgomery Walker, Winnipeg,

FLUID LIGHTNING.

All sufferers from the terrible torment, Neuralgia, can be made happy in one moment by a single application of Fluid Lightning briskly rubbed on painful parts, and without using any disgusting medicine day after day also cures as effectually Toothache, Lumbago, Rheumatism, Headache, and is only 25 cents per bottle at Hill Bro's.

HIS LAST IN A NEW YORK ASYLUM.

TORONTO, Dec. 28 .- Hon. Adam healthy young trees all bearing. for Ontario, died to day at theinstitu t- through it; balance well timbered with ion in New York State where he had been for the last two years. Mr. for West Toronto in 1871 taking the office of Attorney General. He was NEW ership, and afterwards to to the two years sgo his reason failed, and his seat declared vacant. He was re moved to a private asylum and well cared for until his death.

to Grass Widows.

"And what did the preacher say passed asking the powers that be for to-day Hiram?" said Mrs. Sparks to will be served at seasonable hours; and assistance in paying the cost of ship. her husband as he came home from Lunch at any busines period called upon,

"Love his neighbor?" shrieked the

"You can't get me to believe a word luxuries in the past. The benefits to be derived are more of that, Hiram Sparks. The preacher Temperance Drinks, valuable than one can easily estimate. never said any such thing, for he Cigars, Tobaccees, of the best brands. The next meeting will be held in knows as well as I do that our neighbor Thornbury on the 24th and 25th of is a grass widow, and he knows me well enough to know that you wouldn't be able to get to church for a month? after trying on that little game while She'd "Set and Set" Until She I'm around. A nice man he is, must contess, to be giving such advice as that to an old codger like you."

Monthly Fairs.

Orangeville-The second Thursday

Dundalk-Tuesday before Orange-Flesherton-Monday before Orange-

Markdale-Saturday before Orange-

Durham-Third Tuesday in each

Chatsworth. Prizeville-Monday before Durham,

Hanover-Monday before Durham. Walkerton-Last Wednesday in every month.

By buying your

Clocks, Jewelry, Spectaces, Pipes, &c.

Thos. Morrow, Markdale, Jan. '87. JAS. G. RUSSELL'S FLESHERTON.

> 000000000000000000 It is a fact, as every one says, that RUSSELL is the man to repair your Watch or Clock properly. 00000000000000000

GIVE HIM A TRIAL.

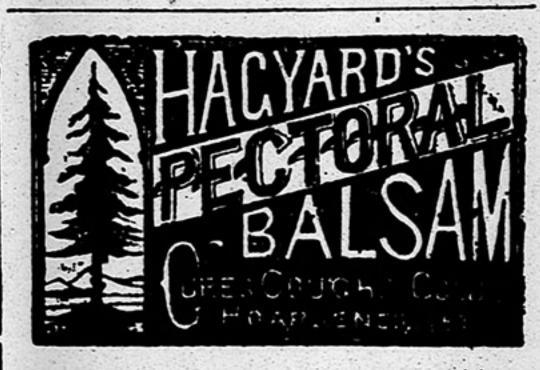
Every job warranted to

JAS. O. RUSSELL.

FURS AND SKINS.

WILL pay the highest price for all kinds. of Furs & Skins and Wild Game that is shipped to me. Send for price-list. GEO. W. GOERNFLO,

Hamilton, Ont.



FARM FOR SALE.

with little or no result. Fluid Lightning Off ACRES, within one mile of Wil-UU liamsford Station, being composed! of lots 38, 39, 43 & 44, first con. East Toronto & Sydenham Road, township Holland, Co. Grey.

On lots 38 & 39 there is 90 acres cleared well fenced, and under good cultivation; a frame house 22 x 32 ft.; kitchen 18 x 24 ft., well finished; good frame barn, driving house, straw house, concrete stable, cattle stable, open sheds, and all necessary buildings; two good wells; orchard of 3 acres of On lots 43 & 44 there is 20 acres cleared,

well fenced, with good stream running maple, beech, hemlock and cedar. Good title; and possession given at once.

For particulars apply on premises; if by

JOSEPH FANNING Williamsford Station, Co. Grey, Ont.

RESTAURANT & HOT MEALS.

The undersigned has much pleasure in informing his old friends, and the public generally, that he has opened out a general

Grocery Store, where all kinds of Groceries can be obtained, which for price and quality cannot be undersold. A trial will convince.

In connection with the above. Hot Meals thus giving free will to choose what you "He said that every man should please. A call is respectfully solicited.

Canned & Creen Fruit

In every variety.

OYSTERS served, either hot or cold, "That's what I say, Emily, and it's either by the quart or plate, at prices which will astonish those who have dealt in those

Hotel Sheds, Sydenham Street, Markdale.

Markdale, Dec. 10, '85.

PREMISES-Opposite Mansion House

Auction Sale Of Valuable Property.

Under and by virtue of a power of sale contained in a certain mortgage which will be produced at the time of sale, there will be sold on Thursday, the 14th day of January, 1886, at one o'clock in the afternoon, by Geo. Noble, Auctionser, at the Revere House, in the village of Markdale Lots Nos. 74 and 75 in the ast concession North East of the Toronto and Sydenham Road in the Township of Holland in the County of Grey, containing 100 acres more or less.

Terms :- One-tenth of the prrchase money Chatswerth-Monday before Dur- to be paid down at time of sale, two other tenths within 30 days thereafter, and the balance thereof to remain for a term of years Holland Centre-Saturday before secured by a first mortgage on the property bearing interest at the rate of 7 per cent per annum from day of sale,

For further particulars apply to BOBINSON O'BPIEN, & Co.,

Vendors' Solicitors, No. 68 Church Street, Toronte.