Eastern district—1, G. W. Webster, Roland, 90; T. B. Walker, Meadowlea, 82; 3, Wm. Dunn, Miami, 771

SWEEPSTAKES PRIZES

For best wheat grown in Manitoba—1, William Reed, Virden, 96½, 2, W. H. English, Harding, 95; 3, G. M. Verrall, Sanford, 941.

2, Carson Glenn, Strathclair, 921; 3. Robert Naismith,

Wawanesa, 913.
Sweepstakes, barley—1, John Peterson, Carberry, 96; W. T. Grogan, Treherne, 93; 3, W. H. English,

Farm, summarized the results attained at his institution during the past year. He emphasized the importance of getting good yielding varieties, stating importance of getting good yielding varieties, stating sive, and is deterring the shipment of the best quality of oats.

Reaburn. One of the most importance of summarized the results attained at his institution during the past year. He emphasized the importance of getting good yielding varieties, stating sive, and is deterring the shipment of the best quality of oats.

J. A. Ruddick, Dairy Commissioner, occurring the same of the dairy industry in our own sive, and is deterring the shipment of the best quality of oats. grown on the farm last year and one other variety, would on the 1,216,000 acres sown to oats in the province would amount to 30,415,000 bushels.

Prof. Hæcker illustrated his lecture on this subject. In oats the measure of hull is the measure of a with drawings showing the desirable and undesirable exports were 135,000,000 pounds. province would amount to 30,415,000 bushels. Prof. Hæcker illustrated his lecture on this subject. In oats the measure of hull is the measure of a with drawings showing the desirable and undesirable variety's quality. Manitoba produced last year types of dairy cows. He based his address largely 44,600,000 bushels of oats. Assuming that 20 per upon the results attained with the college herd in cent. of this was hull, which is a fair average, 212,296 Minnesota, and gave a great deal of valuable infortance of oat hulls were produced a compredict that mation upon the selection care, feeding and stabling has practically no value. Of varieties, the Daubeny of dairy cattle. At the conclusion of the address is proving one of the earliest of the new ones. Of a number of dairymen questioned the professor on wheat, the most promising of the new varieties is certain points connected with cattle stabling and the Marquis, a variety that ripens nine days earlier elicited some additional information on these points. than the Red Fife. During the past year, a 6-year Question.—"Is it not better to turn cows out than rotation experiment was started which he believed to keep them closely confined? You have recomwould ultimately be of some value to the farmers of mended close confinement during winter? the province. The system gives one-third the farm the province. The system gives one-third the farm each year to wheat, one-sixth to oats or barley, one-sixth to hay, one-sixth to pasture and one-sixth to have our stable fairly well ventilated, not perto corn or roots, manure being applied with the last feetly ventilated by any means, but sufficiently so as

EVENING ADDRESSES

On Tuesday evening Premier Roblin presided at stalls?' the meeting and spoke briefly on agricultural the meeting and spoke briefly on agricultural educational work, referring to the growth of the agricultural college and outlining what he hoped that institution would become. Prof. C. E. Lee delivered an illustrated lecture on the development of smut and rust, strongly advising the formaldehyde

MANITOBA PUBLIC AND HIGH SCHOOLS IN RELATION ankles. TO AGRICULTURE

On Wednesday evening the Hon. G. R. Coldwell, Minister of Education, discussed very fully the problems of education in the province, giving particular attention to the means possible for improving the rural schools, and strongly advocating the consolirural schools, and strongly advocating the consolidation of country school districts and the more general introduction of the consolidated school system

Answer.—"No, not so far as economy of space and willing to give and take a little and also learn to become of the consolidated school system more economical in feeding."

Answer.—"No, not so far as economy of space and lieve their associates reasonably honest. Unwarranted suspicion of their fellows is one of the most eral introduction of the consolidated school system already in operation at Holland, in our own province; Question.—"Which is at Guelph, Ont.; Middleton, N. S.; Kingston, N. B.; Hillsburgh, P. E. I., and in the principle states of

which well qualified teachers were employed and first DAIRY TEMPERAMENT AND THE FEEDING OF COWS necessity of having them with plenty of lung and class buildings and equipment provided for carrying on elementary educational work; second, schools in towns and incorporated villages, employing, as a rule, less skilful teachers and with less complete equipment; third, the unadorned rural schools, employing one teacher. Of the three classes, attention ought to be devoted to the one standing most in need of important and the following temployed and first class buildings and equipment provided for carrying on elementary educational work; second, schools in dairy industry in Manitoba. Since 1896, there has been a gradual and sustained increase each year in the dairy products, butter particularly, manufactured in the province. The average price per pound, also, for creamery butter has increased from 14.9 the past half century and concluding with an earnest plea to the farmers of the prairie West not to sacrifice cents for the period from 1901-1905, and was 20.1 to the fertility of the soil, and thereby rob posterity of something to which they are as much entitled to

were drawn to school. This would equalize taxation for school purposes. As now imposed, school taxes are unequally divided. The man living two or three school pays the same as the man living two or three miles away and the latter has the advantage of not requiring to drive his children to school. As a rule the expense in consolidation is greater than in the ordinary school system. It is sure to be more costly at first. The cost at present in Manitoba runs from \$50.00 to \$150.00 per child per year. The greatest value of the consolidated school was in the superior advantages it offered in elementary education.

Mr. Mitchell believed that the present schedule of express charges placed a tremendous premium (and the present the charge from school pays the same as the man living two or three in school pays the same as the man living two or three in school pays the same as the man living two or three in school pays the same as the man living two or three in school pays the same as the man living two or three in school pays the same as the man living two or three in school pays the same as the man living two or three in schools are unequally divided. The man living two or three in schools are tremendous premium continued to the subject, Fodder Corn. A synopsis of his remarks will appear at some later date.

A committee of five, consisting of J. Parent, A. Breton, L. A. Race, J. F. Agnew and W. E. Bonner, and 24 cents on sour; from Manitou, \$1.00 on take some steps to remove this grievance.

Prof. Mitchell believed that the present schedule of express charges placed a tremendous premium continued to the capture at some scharges placed a tremendous premium were drawn to school. This would equalize taxation

Manitoba Dairy Association

Sweepstakes, oats—1, James Douglas, Virden, 93½; Carson Glenn, Strathclair, 92½; 3. Robert Naismith, Vawanesa, 91¾.

Sweepstakes, barley—1, John Peterson, Carberry, 6; W. T. Grogan, Treherne, 93; 3, W. H. English, Larding, 92.

Mr. James Murray, Superintendent of the Brandon arm, summarized the results attained at his institution during the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the policy of the past year. He appears to the past year appears to the past year. He appears to the policy of the past year. He appears to the past year to the past year appears to t

ons of oat hulls were produced, a commodity that mation upon the selection, care, feeding and stabling

Question.—"What width do you make your cow

of smut and rust, strongly advising the formaldehyde treatment for the former.

All well.— Hank believe it is decided to use whether a whole milk system can be operated. At under the cows. I believe it is generally the cause of the same time, there are no reason why experience the company of the same time.

stanchions?'

Answer.—"We have tried nearly every tying Mr. Coldwell said that public schools might be divided into three classes: first, city schools, in fortable in a stanchion as a man is in a stock."

Allswer.—We have thed nearly every tying contrivance that has been on the market. The conclusion I have reached is that a cow is about as combined and the proper type of schools, in fortable in a stanchion as a man is in a stock."

Prof. J. H. Sheppard spoke briefly on this subject, emphasizing the importance of selecting good strong sizes and the proper type of covers. In the matter of the milkers, particular attention was directed to the

be devoted to the one standing most in need of improvement, viz.: the rural schools. He felt that the farmers' children had not the same opportunities as regards well qualified teachers, buildings and equipment for instruction in such branches as manual training, domestic science, etc., as the children educated in cities have.

The principle of all consolidation is that the children should be delivered at the schools every 15 pounds alfalfa, 40 pounds silage, 15 pounds alfalfa, 40 pounds silage, 15 pounds roots. children should be delivered at the schools every 15 pounds alfalfa, 40 pounds silage, 15 pounds roots. of dairying in Manitoba since the first dairy associat-

EXPRESS RATES ON CREAM

The twenty-third Annual Convention of the Mani- winter feeding is to have the cow in thrifty shape and

In the Dominion there has been a decrease in the butter and cheese exporting business during the past few years. There has, however, been remarkable development in the home market. In the prairie provinces, Northern Alberta is producing the most butter, last year's make being estimated at two million pounds. He believed that, in the West. the district between Calgary and Edmonton will be the most important, another important district is in the Fraser Valley in B. C., and on Vancouver Island.

The best opening in the dairy industry at the prestime is in suppl ing the home market. Canadian cheese manufacturers would place upon our fectly ventilated by any means, but sufficiently so as to remove the greater part of the foul and vitiated air." own market as good a quality of cheese as they are exporting in Britain, there would be as much profit in the home trade as in the export. The trouble in this country is that we are shipping out the best of our dairy products. Much of the cheese consumed here is too green. No cheese should be eaten before

such diseases as inflammation of the udder and of the as good butter should not be made under the creamgathering system, providing the cream were delivered Question.—"What about cement walls?" in as good condition as is necessary to make high Answer.—"I do not consider cement the most quality butter from whole milk. The best system of manufacturing is co-operative, but those co-operating Question.—"Is there any advantage in tying cows require to learn the first principles underlying in single stalls?"

successful co-operation, that is, everybody must be Question.—"Which is the better tie, chains or pronounced characteristics of farmers

DAIRY FORM AND TEMPERAMENT

children should be delivered at the schools every school day of the year, and that the cost of such hauling in vans, etc., should be met by the section collection was, etc., should be met by the section collection was, and that the cost of such hauling in vans, etc., should be met by the section collection was, etc., should be met by the section collection was, and that the cost of such hauling in vans, etc., should be met by the section collection was formed twenty-three years ago until the present day. He believed that a good deal of the development made during the past few years ago until the development made during the past few years ago until the development made during the past few years ago. to the educational efforts put forth by the dairy

February 24, 1909

Ho

The twelfth annual Horticultural Society n Winnipeg, on Thursda The attendance was r the discussions warran enthusiastically upon t

The president of the of Nelson, Manitoba, of and quickly disposed of Prof. Baird moved t investigation work in c

ment of trial stations made to cover the cost of Mr. G. H. Greig called Winnipeg Exhibition E best-appearing school trated by photographs library and the 2nd a \$1

When the conventio the first suggestion was lity of changing the na of Indian Head, sugge be made with the Saska ments to assist in fina exists. He did not this it practicable, to organi new provinces. What most require at preser and the way to get that develop interest in the speakers followed, endo but finally, it was dec committee to suggest a fulness of the society, by interested in horticultu

Prof. Brodrick, who society for the past two the organization during notable effort was the ho to defray the expense government made a spe

The secretary is also in this capacity as follow Balance on hand Januar Fees for regular member Fees for special member Provincial government ş Sundries

Printing and advertising Plant premiums Typewriting Expenses of delegate t vention Expenses of Prof. Robert Judging competitions at Postage Balance

RECEIPT

Balance from 1908 Membership fees

DISBU Printing annual report

Balance in Bank Dr. Speechly of Pilot visit to the Minnesota

and gave many useful hi

HORTICULTURAL WORK O

This was the subject Murray, the superintende not remarkable for the trees, but the productic satisfactory. The assor-includes, asparagus, be flowers, corn, celery, ca peas, radishes, squash parsnips, salsify and toma Several varieties of sw Earliest sugar, Hiawat Bantam were matured for until October.

Celery made a satisfac were also grown satisfact