EXPLAINED BY PROF. MILLS 29 YEARS OF USEFULNESS

TUESDAY MORNING

Swelled to 768 Last

Year.

suitable, and the negotiations resul

am Johnston, who resigned in The present head of the insti-

Emphasizes Necessity of Taking Great From 26 Students in 1874 the Roll Exhibit of This Breed of Cattle Care of Milk Going From Stable to Creamery.

The dairy building was a busy cen- There will always be differences of tre on Monday, one continuous fair opinion as to the value of the profestario Agricultural College, Guelph, ad- professors and graduates on the list dressed a packed house on the work of judges, and if one were to follow

done in the way of cold storage, but a ago, but as early as 1792 societies great deal was yet to be done before having for their object the develop-they could capture the British dairy ment of the agricultural resources of

great deal was yet to be done before they could capture the British dairy produce trade.

Prof. Mills then spoke about the great work being done for Canada's young men at the agricultural colleges, and also the good work accomplished by the government in establishing creameries and farmers' institutes thruout the country. There were no more helpful and important organizations than the farmers' institutes. Speaking of the work done by the colleges, Prof. Mills said that there were three main features—first and chiefly, to educate the young men for life and work on the farm; second, to conduct experiments on various lines with a view to folving the numerous problems that confront dathe farmer, and, third, to lead and assist farmers in outside work.

The speaker said that 85 per cent, of the boys who came to them went back to work on the farms, and the rest had got their hands on a large part of the agricultural machinery of Canala, occupying some of the best positions in the government to-day.

HOME FROM THE WEST.

A. P. Westervelt Hopes to Create Market for Ontario Cattle.

A. P. Westervelt, secretary of the Do

A. P. Westervelt, secretary of the Do minion Live Stock Association, has just returned from a trip to the Pacific coast, his object being to see what the prospects were for the ranchers im

porting cattle from Eastern Canada, cipal resigned, being succeeded William Johnston, who resigned The tendency of the ranchers has been to import stock from Texas. Mr. Westervelt visited Calgary, Edmonton and other stock districts in the Territories and the Delta District and Chilliwack

William Johnston, who resigned to pacer in road horse contest Filias, and second to institution, Dr. Mills, was appointed to succeed President Johnston.

Marvelous Growth.

Marvelous Growth.

Marvelous Growth.

The tendency of the marketing of the present has accorded by William Johnston, who residenced being succeeded by William Johnston, who residenced in the first prize Saturday in the gentlement's outlift, first as for management and the stock districts in the Territories where the stock districts in the Territories where the stock stock districts in t



A STRONG FEATURE.



ANDREW CLEMENT, Big Importer of Canadian Produce, of Glasgow,

Prominent Breeders Here G. A. Gilroy, a prominent breeder, who owns an extensive farm near

PASTEURIZATION OF MILK WORK OF GUELPH COLLEGE Shorthorn Bulis Pass Before Experts Awards in Six Classes, Then Rain Came

the Show.

The exhibit of shorthorn cattle at the being the order of the day. The after- sional farmer as a judge of the pro- an interest in such matters. Yesterday noon performance there began about 2 ducts of the farm. The Exhibition was devoted to the judging of the shorto'clock, when Prof. Mills of the On- authorities have a number of college born buils, but the bad weather cut the

dressed a packed house on the work done by the experimental farm, of which he is president.

Prof. Mills spoke very forcibly on the necessity of taking great care of the milk from the stable to the creamery. The two weakest points in the manufacture of butter in this country were at the stable and transportation ends. Fasteurizing was using much towards purifying the milk on its way from the stable to the creamery. Fasteurization consisted in raising the milk to a temperature of from 180 to 186 degrees Fanrenheit. This was specially efficacious in the winter, as it drove away the odor of roots from the milk. Butter made from milk treated in this way was were good butters in the solution of the farm, of the conclusion, if not an unsuccessful exhibition, that the best of judgment was shown in nine cases out of ten. Some disappointed ones grumble occasionally and say the old and experienced farmer is the man who ought to know something about the farm, not the young city man, who has learned how to till the soil out of a temperature of from 180 to 186 degrees Fanrenheit. This was specially efficacious in the winter, as it drove away the odor of roots from the milk. Butter made from milk treated in this way was were good butters in the soil out of a farmer?

The farmers of Ontario or Canada, The industry of the factors that has contributed to the exceptionally large entry this year no donot has been the action of the Dominion Shorthorn Breeders' Association in adding slower the decision, if no donot has been the action of the Dominion Shorthorn Breeders' Association in adding slower the decision, if no donot has been the action of the Dominion Shorthorn Breeders' Association in adding slower in the exceptionally large entry this year no donot has been the action of the Dominion Shorthorn Breeders' Association in adding slower in the total particular the profession of the term of the best of judgment was shown in nine cases out of ten. Some disappointed ones grumble occasionally and say the old and experienced farmer

efficacious in the winter, as it drove away the odor of roots from the milk. Butter made from milk treated in this way was very good butter, but of course not so rich in flavor as that made in June or July from grass-fed milk. Since this process had been adopted at the Guelph farm, Mr. Mills said they had had no compaints from the large buyers in Toronto and elsewanted to get from the British marwanted to get from the British market.

As to transportation, much had been done in the way of cold storage, but a great deal was yet to be done before they could capture the British dairy produce trade.

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As to transportation and the or transportation of the agricultural resources of the province flourished in Ontario or Canada, as a general proposition, praise the great work of the agricultural college at Ottomik. Spicy Marquis Won,

In the three-year-old byili class, Spicy Mon. Van Horne Gloster got second money. In the four-year-old class the winner was Joy of Morning, and the three-year-old byili class, Spicy Mon. Van Horne Gloster got second money. In the four-year-old class the winner was Joy of Morning, the wonderfully popular on the Guelph are wonderfully popular on the Guelph are wonderfully popular on the College at Grand that was the report they wanted to get from the British marriage and term there ever agricultural resources of the great work of the agricultural resources of the province flourished in the four-year-old class, was in good of Morning, 12 the four-year-old class, was in good of Morning, 12 the four-year-old class, was in good of the six proving flourished in the second class, was in good of the six proving flourished the proving flourished the proving flourished the pro for bull calves, the senior and junior-



Spicy Marquis, bought by Sir William Van Horne for \$3000.

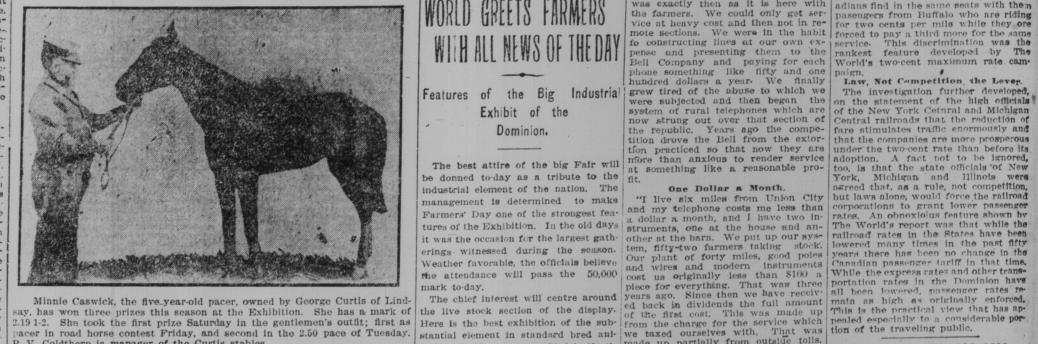
Crowd Watched Judging.

There was an unusual crowd around the rattle ring during the morning and aftertoon. The grand stand, covered with anvas, is a great improvement over the defaulties affected.

Interest in several of the classes.

Prize Shorthorn Bulls.

Following are the awards:
Aged bulls—G. D. Fletcher's (Buckham)
Joy of Morning, 1; W. C. Edwards & Co.'s
(Rockland) Marculs of Zenda, 2; James Cretar's (Shakespeare) Spicy Robin, 3; J. Atchison's (Inverhaugh) Vilaska 20th, 4.
Three-year-old bulls—W. D. Flatt's (Hamilton) Spicy Marquis, 1; Hon. John Drysspicy Marquis 2nd, 5.



weapon-i.e., producing the popular ba-Another thing noted while visiting

Another thing noted while visiting the exhibition was that the Canadian manufacturers are now marking their goods "Made in Canada." The farmers and pork packers should work in uni-son, with laudable ambition, so that we should be able, with full assurance of excellence, to brand all our meat packages "Raised and fed in Canada."

LARGEST CATTLE BREEDER Senator Edwards Hopes Some Day to Make His Farms Pay.

Senator Edwards, who is without doubt the largest owner of pure-bred cattle in Canada, was an interested spectator during the judging. He is the owner of Missie 153rd, the highest-priced cow in America, and the Senator told The World that money Brockville, has been speding several days at the Exhibition. He owns the famous Holsten cow Carmen Sylva, which won the dairy competition here some years ago. He breeds Holsteins extensively, but is not chibiting here this year, as he was ill with diphtheria at the time the entries were made. He will, however, be at Ottawa, where his success is a saured.

W. G. Pettit & Son of Freeman are showing their famous Crimson Fuchsia 13th, which was the gold medal cow at 1500 years old.

Nook in the exhibition of pioneers' relics, showing the tools with which the first soil was turned in the Dominion, many of the relics being more than 300 years old.

The stremons feeders of the Middle and the Appendix Bell and which the street feeders are the street feeders and the street feeders are t

How Farmers in Illinois and Indiana Campaign of The World on Reduc-Throttled the Bell

Monopoly.

There is something very like an of the country folk telephone lines in the central states. Talking with a number of dairy and live stock men the special rates on just such occasions as these are equal to a general reduction in the tariff does not seem to be received by the rural element with any degree of number of any content to interest we farmers down thru Indiana and Illinois are taking in your fight for rural telephone service. That Locust Hill controversy was widely copied in the farm journals of the States.

Yankee Farmer Surprised

Tankee Farmer Surprised

The trains are not jammed with excursion parties.

Created Much Surprise.

"When The World began to publish the laws of Michigan and New Tork showing the application of the two-cent rates it surprised a good many people," interest we farmers down thru Indiana | the trains are not jammed with excur-



Famous prize winner, property of A. G. Lugston; three-year-old ram,

RURAL PHONES ARE EASY | TWO-CENT RAILROAD RATE WHEN TRUST IS KILLED INTERESTS THE FARMERS

tion of Tariff Much

The recent campaign for two-cent rafia echo of The World's fight for rural road rates has aroused Canadian farmecho of The World's fight for rural telephone co-operation among farmers in the observation of John C. Ray of Union City, Ind., at the Exhibition last week, while discussing the evolution the special rates on just such occasions Friday Mr. Ray remarked: "You Canadians would be surprised at the

"What we can't understand is how a corporation like this can successfully throttle a whole province of progressive farmers. We Yankee farmers know you are alert in everything pertaining to your farm development.

In a creat many things you heat us gain on the west and New York on the

Age of Crear's (Shakespeare) Scottish Hero, 4.

I Hero, 4.

Two-year-old bulls—Capt. T. E. Robson's pertaining to your farm development of the Search Willing Captain, 3: Sonator Drummond's (Point Claire, Que) Cicely's Fride, 4.

Yearling bulls (seniors)—Hon. John Dryselen's Clipper Hero, 1: Geodfellow Bros. We were subjected and dairy products as proof of that fact. In breeding of cattle your farm development to Ontario, and we import much of your farm lead us, and we cannot compete with your deal's Clipper Hero. It Geodfellow Bros. We were subjected and butter industry. Yet the farmers of Ontario accept a telephone service which in expense and years were subjected with the polymonion.

WORLD GREETS FARMES

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Features of the Big Industrial Exhibit of the Dominion.

The best attire of the big Fair will

The best attire of the big Fair will

The best attire of the big Fair will

The best attire of the big Fair will be donned to day as a tribute to the industrial element of the nation and of the nation of





sheep and Chester White hogs. Mr. Harding has had greater success at some of the great international exhibitions than probably any man in Canada. At the great Madison Square show in New York in 1895 he exhibited show in New York in 1895 he exhibited four animals, capturing three first and the sweepstakes. Hi sauccess, was equally pronounced in 1897 at the Chicago show. He made seven entries which took three firsts, two seconds and two thirds. At the International Exhibition in Chicago two years ago he took two championships out of three entries.

three entries. This is the kind of interest that is making the live stock industry in Canada one of the most important. Any number of men could be found on the grounds who have achieved success to a smaller degree.

in a smaller degree.

Robert Miller of Caremont is another very successful sheep breeder. He brought five sheep here and cap

tured four firsts and a sweepstakes.