

# ONTARIO PROVINCIAL WINTER FAIR GUELPH, ONT.

DECEMBER 9th to 15th, 1912

Horses, Beef Cattle, Dairy Cattle  
Sheep, Swine, Seeds, Poultry  
**\$17,000.00 IN PRIZES**

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Toronto, Ont.



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## R.K. Lamp

gives better light than gas, electricity, acetone, kerosene or 15 ordinary lamps at one-tenth the cost. For homes, stores, jails, etc.

Guaranteed 1 year.

COSTS ONE CENT PER NIGHT

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**WHEREVER** the old wheelbarrow cleaning system is used you find a mussy stable.

It's too much to expect that a man will brush and sweep the passage ways every time he cleans the stable. He hasn't the time for one thing—and it's discouraging work for another.

But nowadays we think more about clean stables.

**We know that dirty stables breed disease.**

It's up to you, Mr. Farmer, to make your stable easy to clean—then it will always be clean.

You can learn something about how to do this in Dillon's Book on Clean Stables, which is sent free to Farmers. Dillon's make a Litter Carrier that lightens work about the stable. It's an equipment any man can put up, and is adaptable to stables large or small. The free book explains it fully.

# DILLON'S Litter Carrier

Figure it out for yourself.  
Get our free book.

Dillon's sell direct to the Farmer. There are no Agents and no Agents' profits. The price is the same to all, and lower than you would expect for such substantial and well-built equipment. DILLON'S BOOK ON CLEAN STABLES gives you an exact idea of what you can accomplish for a small outlay. Write for a free copy.

R. DILLON & SON  
OSHAWA, ONT.



## Feeding Young Calves

Sunbeam, Leeds Co., Ont.

We raise yearly 12 or 14 calves. Being scarce of help, we are obliged to economize time. We have contrived a speedy means of feeding that makes the otherwise difficult task a genuine pleasure. Our work is completed in a few minutes.

We make butter and use a cream separator. Quite convenient to our dairy house is a small pasture field, where in spring we turn our young calves. In it we have a set of bales built in the fence, the fence being removed as far as the bales extend. They are made like ordinary cow stanchions to open back and shut, and when closed are held in place by a wooden peg placed in a hole just behind the standard of the stanchion. Each calf has a pail of its own placed in front in a sort of round or even square box to keep it from being tipped over.

After separating we carry warm milk (without any of the foam) and divide it in those pails, which are of galvanized iron, and are always left in their place during feeding season.

After a lesson or two the calves rush into their places (just room in each for one.) We close their bale until they have taken their meal; all is finished in a few seconds. We do not even have to steady the pail. We simply wait to free them; the only real work being to carry the milk. Years ago we used to feed each calf separately, so now we fully appreciate our improved method.

## Livestock Commissioner Recommended

Strong pressure is being brought to bear upon Hon. Martin Burrell, Minister of Agriculture, by Ontario and Quebec live stock men, for the early appointment of a Live Stock Commissioner, who will represent in the greatest possible degree the Canadian live stock interests. It is pointed out that the position calls for a practical man who has had experience in the live stock industry, and the man recommended for the position to the Minister by an influential deputation which called on him lately, was John Bright, of Myrtle, a well-known breeder of Clydesdales and Shorthorns, Vice-President of the National Live Stock Association, and formerly Warden of the county of Ontario.

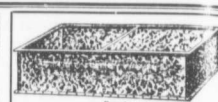
The deputation included Robert Miller, of Stouffville, Ont., ex-President of the Dominion Shorthorn Breeders' Association; Peter White, K.C., of Pembroke, President of the Association; John Gardhouse of Highfield, Ont., President of the Dominion Cattle Breeders' Association; Kbt. Ness, of Howick, Que.; Hon. J. Garneau, of Quebec; Peter Christie, of Manchester, Ont., of the Clydesdale Breeders' Association; Jos. Brethour of Bedford, Ont.; W. R. Smith, M. P., of East Algoma; Capt. Tom Wallace, M.P., of Centre York, and others.

The Minister promised his consideration of the recommendation of Mr. Bright.

## Items of Interest

The photograph from which our front cover was reproduced last week, October 31st, was taken at the Millbrook (Ont.) Fall Fair. It showed the 2nd prize draft cob bred and exhibited by Mr. Geo. Davidson, of Durham Co., Ont. Master Fred Morrison, son of Dr. M. A. Morrison, of Peterborough, may be seen holding the cob for the picture.

FOR SALE—One trio of Anconas (Appe strain); 1 Blue Andalusian Cocks (prize birds); 4 White Rock Cockerels. Write for prices—W. E. Pakenham, Norwood, Ont.



## Reliable Steel Tanks

proper design will fail. A steel tank must be built to stand the strain when water-filled, it must be thoroughly braced—that is the secret.

**TORONTO STEEL TANKS** do not bulge out, then start leaking. They are stiffened up so that they cannot bulge at all. Their stanchions right up to their strain.

The material is the finest Apollo galvanized steel. It won't rust. The workmanship of the best.

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MONTREAL.

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Now is the time to sell it. Your advertisement placed in Farm and Dairy's live stock columns, will tell more than 15,000 possible buyers of what you have for sale.

Fit up your thought. Send it to Farm and Dairy by first mail, and it will be in time for next issue.

This advertisement is a splendid sales should pay you well. Costs you only \$1.00 per inch for space you need.

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FREE Our "Up to the minute" Fur price list. Send today to John Hallam, Mail Dept. 33 TORONTO 111 Front St. E.

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## Seve Dist Still

Over 200 counties entered our 82nd test, but quite a few districts haven't dated. Here's a list of people to get to if you don't know in your neck of the woods all means send it once.

All Are En

The contest has been last, it is so. Descriptions. It is for a year, and they only need working for a p

They are delig splendid values, cash can be won subscriptions. ano can be won 250 orders. Fin win a \$45 Bicycle prize for every c

In Each

GRAND

\$350 Horse

SECOND

\$250 Drive

THIRD

\$280 An

FOURTH

\$200 Mo

SPECIAL LA

Pearl S

SPECIAL BO

Cleveland

SCHOOL

\$100 Domin

SOME OTHER

\$100 Grand

\$75 Pure B

\$50 Victor

\$35 Diam

\$35 Fur L