ınd

eld by n's

ter

s a ise-lhe

in

ar, tle-

rize res ex-big, ed-by,

ow-

ord, ster Hill

lac-

rize

ing

pan

for

o of

de-

two

ade

we

ex-

the

een

Carrot

ons

for

age and

heir

are

of a

ing

cost

can

ired

an-

ery

l on

the

hen

sat-

ally

am-

and-

om.

heir

pite ble. the

best

ing. ull**y** 

and the out

the

fine

The

## THE FARMER'S ADVOCATE & HOME MAGAZINE

THE LEADING AGRICULTURAL JOURNAL IN THE DOMINION.

PUBLISHED BY THE WILLIAM WELD COMPANY (LIMITED). LONDON, ONT., and WINNIPEG, MAN.

JOHN WELD, Manager.

1. The Farmer's Advocate is published on the first and fifteenth of each month.

It is impartial and independent of all cliques or parties, handsomely illustrated with original ongravings, and furnishes the most profitable, practical and reliable information for farmers, dairymen, gardeners and stockmen, of any publication

 Terms of Subscription—\$1.00 per year in advance; \$1.25 if in arrears; sample copy free. European subscription, 6s., or \$1.50. New subscriptions can commence with any month. 3. Advertising Rates—Single insertion, 30 cents per line. Contract rates furnished on application.

4. Discontinuances—Remember that the publisher must be notified by letter or post-card when a subscriber wishes his paper stopped. All arrearages must be paid. Returning your paper will not enable us to discontinue it, as we cannot find your name on our books unless your Post Office address

5. The Advocate is sent to subscribers until an explicit order is received for its discontinuance. All payments of arrearages

is received for its discontinuance. All payments of arrearages must be made as required by law.

The Law is, that all subscribers to newspapers are held responsible until all arrearages are paid, and their paper ordered to be discontinued.

Remittances should be made direct to this office, either by Registered Letter or Money Order, which will be at our risk. When made otherwise we cannot be responsible. 8. Always give the Name of the Post Office to which your paper is sent. Your name cannot be found on our books

paper is sent. Yo unless this is done. 9. The Date on your Label shows to what time your subscription is paid.

 Subscribers failing to receive their paper promptly and regularly will confer a favor by reporting the fact at once. 11. No anonymous communications or enquiries will receive

12. Letters intended for publication should be written on one side of the paper only.

THE FARMER'S ADVOCATE, or

THE WILLIAM WELD CO., LONDON, ONTARIO, CANADA.

## CONTENTS.

EDITORIAL:ago-Illustration. 370-Editorial Notes; A Great Thoroughbred; Showring Facilities—A Great Opportunity; The Ontario Pioneer Farm; English Crops. 371-Soil Inoculation; The South American Demand for Shorthorns; The Inspection of Australian Experies. of Australian Exports; The Outlook for the Ontario Farmer. 372—The Toronto Industrial Exhibition. 375—Condition of Agriculture Considered; The Toronto Industrial Exhibition (Continued). 379—Dairy Test Winner of 1896.

380—Horse Breeders' Meeting During the Toronto Fair; Ontario Creameries Association; Good Roads Association; Stock Breeders Meet the Dominion Minister of Agriculture; Sherbrooke (P. Q.) Show. 381—The Ewe Flock; "Pigs in Clover"; Cattle Feeding; Dairy Cow Classes at the Guelph Show; Some Parasites of the Domesticated Animals.

382—Securing Seed Corn; Humus in Its Relation to Soil Fertility; A Hint for Hard Times. 383—Saving Corn Fodder; Pumpkins for Cows and Hogs; Rye Hay; A Big Silo.

383-Cull the Young Flocks.

DAIRY:-383-A Long Distance Test; Good Buttermaking in Victoria; "Sixteen to One." 381-Cheese Branding Bill; Form of Agreement. APIARY:-

 $384\mathrm{-Removing}$  Honey from the Hives; Preparing Honey for Market.

QUESTIONS AND ANSWERS: -Veterinary: -Quittor-Hoof Disease; Inflammation of the Omasum or Third Stomach; Bog Spavin; Possibly Actinomycosis. Miscellaneous: -Panicum Glabrum; Sick Fowls. 385-Red Turnip-Beetle; Threshing versus Cutting Oats and Dance.

VETERINARY: -385-Colic in Horses.

LIVE STOCK MARKETS:-385—Toronto Markets; The Canadian Egg Trade; Toronto Horse Market; British Apple Markets; The British Markets; The Montreal Markets; Chatty Stock Letter from Chicago. GARDEN AND ORCHARD:

386-Apple Packing; Raspberry Vines Dying-Best Soil; Forestry and Forest Culture.
FAMILY CIRCLE: -387.

MINNIE MAY'S DEPARTMENT: -387. THE QUIET HOUR: -388.

CHILDREN'S CORNER: -389. Uncle Tom's Department: -389.

Gossir: 390-Canadian Fairs; etc.; 393, 394-English Shrop-shire Sales; etc.; 395.

Notices: -390.BOOK TABLE: -393.

Advertisements:-390 to 396.

## Condition of Agriculture Considered.

At a largely-attended meeting of Members of Parliament, in the House of Commons, Ottawa, on Sept. 4th, the condition of agriculture in Canada was discussed along with such questions as the live stock quarantine, freight rates, cold storage, etc.

The concensus of opinion among stockmen seems now favorable to some modification of quarantine over the concentration over the concentrati antine upon an equitable, reciprocal basis, with proper safeguards for shutting out such contagious

CATTLE—(Continued from page 374).

prevailed. Quality and early maturity, with strong constitution and good feeding propensities, are the watchwords of the Shorthorn breeders of the present day, and they have certainly hewen to the line with good effect. The judges, Messrs. Richard Gibson and W. J. Biggins, as was expected, did their work well, and probably came as near placing the awards right as any other two men would have done. They went for quality, and found it in nearly every instance. The appearance of the herd of the Messrs. Russell, of Richmond Hill, for the first time in public since making their great record at the World's Fair added considerable to the interest in this class, but we missed the fine herd of Mr. Edwards, of Rockland, which made such a fine dis-play last year. Mr. Edwards this year confined his exhibit to a coterie of calves, which did great credit to his breeding stock.

The call for aged bulls brought out only three competitors: the white Lord Stanley, owned by J. & W. Russell, in his five-year-old form; Simmons & Quirie's eight-year-old roan Royal Saxon; and the red four-year-old Strathallen Lad, shown by Alex. Burns, of Rockwood. The white bull still retains the fine handling qualities, long, level quarters, long, deep thighs and full flank which made him so great a favorite as a calf and as a yearling when he won the grand sweepstakes at Chicago, but has failed somewhat in crops and heart-girth, probably from want of exercise. He could not, however, be placed elsewhere but at the top, where he has so often held the standard. There was room for difference of opinion in placing the other two bulls. Royal Saxon is a bull of great scale and character, with a wealth of natural flesh evenly distributed. Strathallen Lad, a low-set, blocky bull, with remarkably good fore end and smooth, thick flesh, though somewhat marred by a short hind quarter and high tail-head, was considered more nearly like the type in favor at present, and was placed second; the big roan falling into line as third. for three-year-old bulls was made specially interesting by the presence of two bulls which contended for honors here last year. These were H. & W. Smith's roan Abbotsford and J. & P. Crerar's Barmpton M., which were last year placed in reverse order, though not without criticism. The former is a very deep-bodied, short-legged bull, with good fore end and ribs and level top, but deficient in thighs and twist. The latter has greater size and stronger masculine character, thick flesh and excellent quarters and thighs. Abbotsford was this year placed first, and a roan four-year-old, Nominee, shown by Capt. T. E. Robson, Ilderton, a strait, smooth bull, somewhat light in flesh and wanting in thickness on back, was given second place, the Crerar bull having to take third. There was perhaps more room for criticism of the ruling in this section than in any other in the class, and there were good judges who would have placed the last The two-year-old bulls were also a very interesting class, including the winner of the first prize as a yearling and sweepstakes as best bull any age last year, the light roan Moneyfuffel Lad, bred by J. & W. Russell, and shown by James Another striking character Leask, of Greenbank. was the roan Indian Brave, bred by David Birrell, and shown by his present owners, R. & S. Nicholson, who purchased him from Arthur Johnston, in whose hands the son of Indian Chief rose to fame. This buil won second in a strong class last year, though in thin condition, and we predict a bright future for him. He has gone on well, has vastly improved and developed, and, being brought out in fine form, he made it warm for the light roan. He is a bull of fine character and great scale, with a model head, strong back, long, level quarters, deep flanks and thighs, and fine handling quality; but he had an exceptionally strong rival in the Leask bull, with his wonderful crops and fore-ribs, thicklyfleshed back and mossy coat. The judges could not safely place him elsewhere but at the top, and they ratified their own judgment later on by giving him again the sweepstakes for best bull in the class, a decision which we believe met with general favor.

John Davidson, of Ashburn, found himself the fortunate owner of the first prize yearling bull in a good class of ten. His red and white Duke, by Scottish Prince, a well-formed bull, well brought out, had a strong competitor in T. Russell & Son's New Year's Gift, a red bull of great promise, with deep fore-ribs and flank, level quarters and rich hair, but not in high condition. He was a strong second and no doubt will be heard from again. Lord Stanley 4th, a roan bred by J. & W. Russell, and shown by John Gier, Grand Valley, was given John Miller, Markham, and James Yule, Elder's Mills, each showed a good one in this ring. The show of bull calves was unusually strong. There were 20 entries, and scarcely an inferior one in the lot. When the five prize-winners were drawn there were at least ten more that were worthy of high commendation. The calf selected by the judges for first place was the roan Banker, bred and shown by W. C. Edwards & Co., Rockland, a son of imp. Knight of St. John and of Bessie of Rockland, the sweepstakes cow at this show last year. He is a calf of rare parts, full in all points and scoring well up to perfection. J. & W. Watt had the second prize calf, Judge Roan,

competition for sweepstakes brought out the five first prize bulls in the different sections by ages, and it struck us as being as strong a ring as we have seen contending for this distinction in many years. The contest was no doubt between the white bull, Lord Stanley, and the light roan two-year-old, Moneyfuffel Lad, and if the Messrs. Russell had any regrets in seeing their World's Fair winner beaten they must have been gratified to know that it was done by a bull of their own breeding.

The ring of cows over four years old included the roan Centennial Isabella 25th, by Stanley. This was the best two-year-old heifer at the World's Fair. She has kept herself well together, and carries her strong, well-fleshed back as firmly as ever. Her quarters are smooth and her under line level. She was given first place here. Crerar had a rare good second in Rosabel, one of the smooth, blocky sort; and Harry Smith, of Exeter, a good third in the roan Vanity, by Village Three-year-old cows were only five in num-Hero. ber, but all were good. The first prize went to J. & W. Russell for Centennial Isabella 30th; second to J. & P. Crerar for Ruby Hill 2nd; and third to A. J. Watson, Castlederg, for Ivyleaf,—a new exhibitor, and a very creditable exhibit, well brought The two year-old heifers were a good class, and the first prize heifer was found in J. I. Davidson's rich roan, Village Beauty 7th, by Sittyton Chief, the first prize yearling heifer of last year. Simmons & Quirie had the second prize heifer in Daisy of Strathallen 12th, a heifer of great substance and fine quality; and Harry Smith was again third with the handsome red Gowan. An exceptionally good heifer headed the class of year-She was the red Coral, bred by John Miller, Markham, sired by Aberdeen (imp.), shown by J. & W. Russell, who bought her recently from Arthur Johnston, in whose hands she was fitted for the show this year. She is a heifer of great substance, standing well on strong, straight legs; has wonderful chest, neck veins, and crops; a strong back, level quarters, full twist, and long, full thighs. She was a clear first in her class, and also won the sweepstakes as best female in the show. We have seldom, if ever, seen as strong a show of heifer calves. There were twenty shown, and it was no easy task for the judges to select what they considered the best five. The first prize went by consent to the very perfect Gem of Athelstane, a red, shown by I. Groff, Alma; the second to J. & W. B. Watt's Matchless 18th; third to R. & S. Nicholson; fourth to J. & W. Russell; fifth to John Miller, Markham. The latter, a very promising heifer, might well have been given a higher standing. Many would have placed her second. The call for herds of one bull and four females over one year brought out three excellent lots, the first prize going to J. & W. Russell; second to H. & W. Smith; third to J. & P. Crerar. The prizes for best four calves, bred by exhibitor, were placed as follows: First to J. & W. Watt; second to W. C. Edwards & Co.; third to J. & W. Russell.

HEREFORDS.

The judges in this class were A. Rawlings, Forest, and R. J. MacKie, Oshawa. The exhibitors were: H. D. Smith, Compton, Que.: Alfred Stone, Guelph; Fleming & Co., Weston; and D. M. Wilson, Moe's River, Que. The class was well filled and the quality of the animals well up to the standard. The prizes were considerably distributed, the majority going to Mr. Smith, whose grand two. the majority going to Mr. Smith, whose grand two-year-old bull, Amos of Ingleside, a typical Hereford, with strong character and carrying a wealth of flesh evenly distributed, was given first prize and the sweepstakes as best bull in his class. very strong number in Mr. Smith's herd is the first prize cow, Lady Tushingham 3rd, a cow of wonderful scale, substance, and smoothness, and a regular breeder withal. Fleming & Co.'s first prize three-year-old bull, Young Pinkham, is an exceedingly good representative of the breed, and Mr. Wilson's Earl Douglas, the second prize bull, shows strong breed character and is smooth and well-formed. Mr. Stone had the first prize yearling bull and second prize bull calf and second prize cow three years old, all of which were creditable to his herd and well brought out. Mr. Smith had the first prize herd and sweepstakes bull and cow.

POLLED ANGUS

were shown by Jas. Bowman, Guelph; W. Stewart & Son, Lucasville; Walter Hall, Washington; and D. M. Wilson, Moe's River, Que. The judges were J. C. Snell and Chas. McNeil. The class was well filled and the cattle were in fine condition. Mr. Hall's first prize aged bull, Lucretius, is a noble specimen of the breed, stylish, smooth fleshed, wellformed, and full of quality. The same exhibitor had the first prize two-year-old bull, a capital repre-sentative of the breed. The second prize went to D. M. Wilson, for Ringold, a straight, well-proportioned animal. Stewart & Son had the first prize yearling bull in Tom of Willow Grove, a right good one. Mr. Bowman won first prize for bull calf with Kyman's Laddie, one of the best young things we have seen for years. The cows were a grand lot, and Mr. Bowman's Kyma 2nd won first place. She is a cow of great scale, smooth, evenly fleshed, and of fine handling qualities. Mr. Hall's second prize cow, though not so large, has fine quality and good form. The first prize for three-year-old cow diseases as hog cholera, etc.

The Minister of Agriculture gave assurance that by next session of the House a plan would be elabstrated providing a good chain of cold storage from the producer in Canada to the consumer in Europe.

The Minister of Agriculture gave assurance that by next session of the House a plan would be elabstrated providing a good chain of cold storage from the third prize went to J. & W. Russell, fourth to J. & W. Russell, fourt