

NOTICES.
THE IMPERIAL GAS AND GASOLINE ENGINE.
 The long-felt need for a practicable, simple, safe and compact power for farm work, such as running a cream separator, churn, straw end ensilage cutter, grain grinder or root pulper, seems to have been met by the Cooper Machine Co., Limited, 92 Adelaide St. east, Toronto, Ont., in the Imperial gas and gasoline engine manufactured by that firm. The advantages claimed for this power over the steam engine are that it requires no engineer, no fireman, no boiler, no extra insurance, no hauling of coal or wood; that there is no danger of fire, no waiting for steam; that there is no dirt about it, no ashes to be removed; that it requires little space, can be started in less than one minute, and runs on gasoline at a cost of 11 cents per horse power per hour; that is, that a gallon of gasoline, costing 15c., will run a one-horse power for 10 hours. As this is a matter of deep interest to farmers, dairymen and manufacturers, it would seem to be worth while to look into the merits of this little engine, and this can be done by addressing the firm as above, or what is better, calling at the engines in actual operation. We append a letter from a practical farmer, giving his experience with a two-horse power engine on the farm:—

Markham, Ont., July 30th, 1897.
 The Cooper Machine Co., Limited, Toronto, Ont.
 DEAR SIRS,—Replying to your letter asking me to let you know how I was getting on with the two-horse power "Imperial" gasoline engine which you furnished me with, would say that I have used it on my corn sheller and grain grinder, but the grinder is a large, heavy machine intended to be run by a threshing engine, and is too large for the small engine to grind fine with. I have no doubt it would grind very satisfactorily on a smaller machine. I run a cutting box that will take a sheaf that any binder will make, and run as fast as anyone would wish. I have my churn attached to it and churn two or three times a week in from 25 to 30 minutes with the engine, and I find it takes nearly an hour very time, and I find it more to sit and see the small engine do the work. I think it is the handiest engine I have ever seen, as it is so quickly started and takes up so little room. We can start it at any time in less than 30 seconds, and my daughter, 14 years old, can start it running. They are justly called "Imperial" engines for several kinds of work it could do on the farm, such as cutting corn, straw and oat sheaves, running a fanning mill, grinding grain, pulping roots, running grindstone, corn sheller, milk separator, wood saw, pumping water, etc. Everybody that has seen my engine working speaks very highly of it, and say it is a great improvement over the windmill. I have my engine set on the barn floor, and find it very handy to move wherever I want it. Yours truly,
 ELIJAH WISMER,
 Markham, Ont.

"New Seed Wheat" is the subject on which that old and well known seed firm, John A. Bruce, of Hamilton, Ont., make an announcement of interest elsewhere in this issue. They are offering a few new sorts recommended for trial, besides a full supply of the standard sorts. Write at once for their price list, as seedling will soon be "round again, and half the battle, or nearly so, is in sowing good seed grain."

Attention is directed by the secretary, C. M. Heinz, 218 N. Main St., Los Angeles, Cal., to the official call for the sixth National Irrigation Congress, which is to convene in the city of Lincoln, Neb., September 28, 29 and 30, 1897. The National Executive Committee and the people of Nebraska have united in an effort to make this Congress memorable in the history of irrigation. To insure success in this undertaking it is earnestly desired that widespread publication be given the call.

The grand fall wheat crop of 1897 and upward tendency in prices of grain, as well as other farm products this season, will no doubt result in a largely increased acreage being sown in the sections adapted to that cereal. The Steele, Briggs Seed Co., Limited, of Toronto, Ont., announce a price list of fall wheat in another column, to which we direct the reader's attention. They also issue a fall wheat circular, which may be obtained for the writing. Secure it without delay. This firm need no introduction to our readers.

The members of the Farmers' Alliance in Germany have forwarded a memorandum to the Imperial Chancellor, the Secretaries of State for the Interior and for Foreign Affairs, and the Prussian Ministry of State, urging the immediate prohibition of the import of such foreign breadstuffs. They propose that such prohibition should be enforced in the first instance for six months, with the stipulation that it should lapse so soon as the price of home grain reached a moderate level, to be previously determined.

A large proportion of our readers will be specially interested in the announcement which H. W. Petrie, of Front St., Toronto, makes regarding steam boilers elsewhere in this issue, and to which we direct their attention. Among the many uses to which they may be put are running small engines, steaming heating small greenhouses, heating cheese vats or other similar purposes. Mr. Petrie issues a large catalogue of new and second-hand machinery which may be obtained by dropping a card therefor when enquiring regarding the steam boiler.


"FARNHAM FARM" OXFORD DOWNS.
 I HAVE for sale a choice lot of yearling and ram lambs, yearling ewes, and ewe lambs for 1897. Prices reasonable.
 7-y-om H. ARKELL, Arkell P.O., Ont.

Large White Yorkshires
 OF CHOICEST BREEDING.
 My sows have all farrowed and have an extra fine lot of young pigs. Prices moderate. One mile from Hartington Station and P. O.
 18-2-y-o E. DOOL, Hartington, Ont.

A Snap! IMPROVED YORKSHIRE and LARGE ENGLISH BERKSHIRE Boars and Sows
 weighing from 30 to 40 lbs. at \$6.00, older ones proportionately cheap. Also a few fancy-bred Shropshire Lambs at reasonable prices.
 18-1-y-o W. R. BOWMAN, Mt. Forest, Ont.

R. HONEY,
 Warkworth, Ont., Northumberland Co., BREEDER OF—
 Reg. Holsteins, Large White Yorkshires, and Cotswold Sheep.
 Choice young Yorkshires for sale at prices to suit the times. Orders booked for choice Cotswold ram lambs.
 12-2-y-o

IMP. LARGE WHITE YORKSHIRES FOR SALE.—I am now prepared to supply young pigs of this noted breed at hard-time prices. Orders booked for young pigs due Oct. 1st. Write me for prices and particulars. Mention "Advocate."
 18-2-y-o WM. TEASDALE, Dollar, Ont.

SNELGROVE BERKSHIRES

 Large, lengthy English type. Bred straight from first-class importations. Young boars fit for service, and spring pigs at eight weeks old, single or in pairs not akin. We ship to order, register, prepay express charges, and guarantee satisfaction. Write for prices.
 -om J. C. SNELL, Snelgrove, Ont.

ROSE HILL FARM.
 JAMES DORRANCE, SEAFORTH, ONT., BREEDER OF—
 REGISTERED : BERKSHIRES
 Of the most approved type. Choice young stock always for sale. Write at once and secure a bargain.
 18-2-y-om

LARGE ENGLISH BERKSHIRES.
 Herd headed by the grand stock boar, Bright Star. A superior lot of brood sows. Our pigs have quality, bone and size. Choice spring pigs, and a young sow in pig to Star. B. P. Rocks from Imp. stock. Write for prices, or call.
 H. BENNETT & SON, St. Williams, Ont.
 -om St. Williams Station, G. T. R.

LARGE ENGLISH BERKSHIRES and IMP. LARGE WHITE YORKSHIRES for sale.—Several very fine Berkshire boars ready for service, and sows fit to breed. Am booking orders for young pigs. Pairs and trios supplied not akin. First-class individuals. Imp. Yorkshires of all ages on hand. Several extra good show animals of good breeding at reasonable prices.
 -om H. J. DAVIS, Box 290, Woodstock, Ont.

FOR SALE!
 A choice lot of... **BERKSHIRE PIGS**
 (either sex). One Berkshire sow, two years old, in farrow. Leicester rams and ram lambs, sired by Chiswick 5th, bred by the late Wm. Whitelaw. And Shorthorn cattle. All stock registered. Am booking orders for shipment after Sept. 1st, for the following varieties of poultry: B. Minorcas, W. Wyandottes, B. B. R. Game, W. & B. Leghorns (pairs mated, not akin), and Red Cap cockerels; White Holland turkeys. MAC CAMPBELL, Northwood, Ont., Lewisville Station, G. T. R.

English Berkshires.
 Herd headed by three first-prize boars. Large size, strong bone, fine quality, and a choice lot of breeding sows. Orders booked for spring pigs.
 GEORGE GREEN,
 Fairview P.O., Ontario, Stratford Station and Telegraph Office.

WM. McALLISTER, VARNA, ONT.,
 Breeder of choice BERKSHIRE SWINE. Young stock of all ages, and either sex, always for sale. "First Prize," the winning yearling boar at Toronto and London, at head of herd. Correspondence solicited. Address:—
 2-2-yo WM. McALLISTER, VARNA, ONT.

GOSSIP.

In writing to advertisers, mention the "Farmer's Advocate."
 The sale of Mr. Jonas Webb's Southdowns took place, at Ickleton, in presence of a good attendance of breeders. Yearling ewes sold up to 100s. each; at this figure they were bought by the Hon. A. Fellowes. Lord Cadogan gave 80s. for another lot. Mr. Mathews paid 75s. and 72s., and Mr. Courtould 70s. for others. Two-year-olds went up to 90s., H. R. H. the Prince of Wales securing some at this figure. Mr. Mathews purchased a lot at 76s. Prices ran up to 82s. for three-year-olds, Mr. Courtould securing a lot at this figure. Mr. Gorringer gave 56s. for a pen of four-year-olds.

P. J. Cogswell, "Brighton Place" Jersey herd, Rochester, N. Y., writes:—"I have sold to T. R. Webber, of Shelbyville, Ky., one of the finest cows I ever owned, Jocal 93182, a granddaughter of Exile of St. Lambert, sired by Exile of St. Lambert 23rd (at the head of the Linsmore herd, one of the oldest and largest herds in America). Her owner writes me that he is very much pleased with her. I think he has reason to be. She is the kind that we all like to keep. I have sold some well-bred and fine animals individually to Mr. Hunter, of Sterling Valley, N. Y. About one year ago he bought a son of Exile of St. Lambert from a very excellent cow, and now has added to his herd Lassie of Senett, a cow rich in the blood of St. Heller; two daughters of Exile of St. Lambert, Exile's Very Pretty and Exile's Mary Young; a daughter of Oleo, with a test of 18 lbs. 1 oz.; a very handsome being, Queen's Dick; Ophelia of Pittsford, tracing to the St. Lamberts, a large, strong cow with great capacity for milk and butter; Glenwood's Elgie, another cow rich in the blood of St. Heller, with some of the old Vic'or blood, made famous through Jersey Belle of Seicuate and Jersey Queen of Barnet. I have sold to Mr. E. L. Riker, of Ontario, N. Y., a very promising young bull sired by Exile of St. Lambert, from an excellent cow, Dorcas of Wayne 3rd. Mr. Riker has a few females, and I think has made a wise selection for a foundation to his herd. The young bull is a fine one individually, and traces both through his sire and dam to animals of great capacity for milk and butter. I have recently sold to Dr. R. Sutton, of Shenandoah, Ia., a son of Exile of St. Lambert from Bronze of St. Lambert, which was also sired by Exile of St. Lambert, giving this young bull 75 per cent. of the blood of Old Exile. I assure you he showed no bad effects from inbreeding, being very large, strong and vigorous. He is a soft lemon-fawn and gray, light colored, straight back, and his general make-up resembles the old bull very much.

DEANE WILLIS' SHORTHORN SALE.
 At the draft sale of Shorthorns made by J. Deane Willis, Bapton Manor, England, July 23rd, prices ranged from 10 guineas for a calf up to 185 guineas for the red two-year-old Bapton Javelin, by Prince Stephen, bought for Her Majesty the Queen. Mr. J. Handley paid 135 guineas for the yearling red-roan Bapton Robin, by Roan Robin. Mr. D. Green gave 120 guineas for Centurion, a red-roan yearling by Count Lavender. Mr. Leonard secured Frederick, by Abbotsford, a roan two-year-old bull, at 180 guineas, and Mr. Gravins the two-year-old roan Neptune, by Adolphus, at 105 guineas. The highest price for a female (125 guineas) was paid by Mr. Howson for the roan yearling Alexandria, by Count Lavender; the next highest being Lavender Countess, a roan four-year-old by the same sire, bought by Mr. Mills at 115 guineas. These are the only instances in which the three figures were reached. The average for 25 bulls was 71 guineas, and for 40 females 46 guineas.

If we were to travel the Dominion of Canada over, it would be hard to find a more pleasant location for an ideal summer residence than the one upon which are the beautiful, well-kept residence and grounds of Mr. Geo. Raikes, situated two miles out of Barrie, overlooking Kempenfelt bay; at which place were given a most hearty welcome, and shown some well-cared-for Shorthorn cattle and Shropshire sheep. Among them might be mentioned the six-year-old roan cow, Bonnie Rachael, by Primrose Duke, and out of Bonnie Brae. She was bred on the farm, and has distinguished herself, winning red honors wherever shown, and frequently in stiff competition. In present form she will weigh right close to 1,900 pounds. Her two bull calves found ready buyers, as she is one of the kind that would recommend her stock to admirers of the breed. Dorothy is a three-year red and white animal, by Rufus, and out of Lucy, by Scottish Hero, her pedigree running directly to imported stock, and is now carrying her second calf to Indian Duke, by Indian Chief. Of much the same pedigree is the large, light roan cow, Hoyden, an animal which has distinguished herself as a matron, having raised six calves. In all we were shown a dozen young females. The Shropshire pens contain some fifty head, eighteen of which are suckling lambs; a dozen strong, well-covered shearlings, and one two-shear ram. The foundation of this flock was obtained from importations made by C. C. Bridges, to which constant additions have been made from such breeders as Dalton McCarthy, J. K. Hunter, Hon. John Dryden, C. W. Gurney (Paris), and Chas. Lawrence (Collingwood), as well as importations direct, so that it can easily be seen that much attention has been given to the standard of the flock. The stock ram, Ontario 2nd 7750, by Emsdon Comet 5733, and out of Dryden's 78, 42163, was furnished by Hon. John Dryden, and is a typical, well-covered Shropshire, while the shearing ewes are a well-matured, strong bunch. This year's crop of lambs also deserve a passing notice on account of their style, substance, and quality of covering.

None Like It.
 GEORGE ROTHBIE, Moo-omin, Aspa.—"I admire the FARMER'S ADVOCATE above all other agricultural papers."
 B. M. ATKINSON, Icelandic River, Man.—"I feel I could not invest a dollar more profitably than renewing my subscription."

AYRSHIRES FOR SALE. Six choice young Bulls, one and two years old, bred by Earl of Percy. My spring calves are by Douglas of Loudon 1331, bred by D. Morton & Son. Prices right. F. W. TAYLOR, 325 Hoard's St., G.T.R. o Wellman's Cor., Ont.

LITTLE'S PATENT FLUID SHEEP DIP AND CATTLE WASH
 THE ORIGINAL
Non-Poisonous Fluid Dip.

Still the favorite dip, as proved by the testimony of our Minister of Agriculture and other large stockmen.

FOR SHEEP:
 Kills ticks, maggots; cures scab, heals old sores, wounds, etc.; and greatly increases and improves growth of wool.

CATTLE, HORSES, PIGS, ETC.:
 Cleanses the skin from all insects, and makes the coat beautifully soft and glossy. PREVENTS the attack of warble fly. HEALS saddle galls, sore shoulders, ulcers, etc. Keeps animals free from infection.

NO DANGER; SAFE, CHEAP, and EFFECTIVE.

BEWARE OF IMITATIONS.
 Sold in large tins at 75c. Sufficient in each to make tins at from 25 to 40 gallons of wash, according to strength required. Special terms to breeders, ranchmen, and others requiring large quantities.
 Sold by all druggists. Send for pamphlet.

Robt. Wightman,
 OWEN SOUND, ONT.
 Sole agent for the Dominion. -om

SHROPSHIRE SHEEP... AND JERSEY CATTLE.

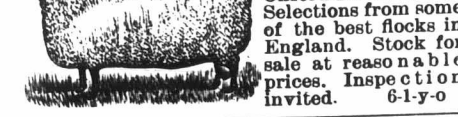
At present offering a choice bunch of thrifty, well-covered young Shrops. Also two young Jersey bulls, ready for service. -om

D. H. KETCHESON, MENIE, ONT.

ROWAT BROS., HILLSDALE, ONT.,
 Breed Shropshire Sheep. The flocks established from noted English breeders, and nothing but the best rams have been used. -o

MRS. R. L. BURGESS & SON
 Burgessville, Ont., breeders of pure-bred SOUTHDOWN SHEEP, the descendants of imported stock BERKSHIRE and YORKSHIRE PIGS of superior quality. At present we offer 3 shearlings and 3 two-shear rams, half a dozen shearing ewes and a bunch of lambs. -o

SMITH EVANS, Gourock, Ont.
 Breeder and importer of registered Oxford-Down Sheep. Selections from some of the best flocks in England. Stock for sale at reasonable prices. Inspection invited. 6-1-y-o



Oxford Down Sheep.
 A fine lot of Young Stock for sale. A few nice Yearling Rams and Ewes. Prices reasonable. Inspection invited.

Herbert Wright,
 62-y-om Box 47, GUELPH, ONTARIO.