

Fall Fair Dates.

The following Agricultural Societies have selected dates for their annual fall fair:—

Forest.....	Sept. 27, 28
Alvinston.....	Oct. 3, 4
Aylmer.....	Oct. 4, 5, 6
Brigden.....	Oct. 3
Delaware.....	Oct. 4
Dresden.....	Sept. 28, 29
Essex.....	Sept. 26, 28
Exeter.....	Sept. 18, 19
London Western.....	Sept. 8-16
Parkhill.....	Sept. 26-29
Petrolia.....	Sept. 21, 22
Sarnia.....	Sept. 26
Strathroy.....	Sept. 18, 20
Thedford.....	Oct. 3, 4
Toronto.....	Aug. 26, Sept. 11
Watford.....	Oct. 5, 6

Guide-Advocate

HARRIS & CO. PROPRIETORS

WATFORD, JULY 7, 1911.

To Drain or Not to Drain.

Prof. W. H. Day has recently been making some calculations on the financial side of drainage. A farmer has 50 acres that is rather wet but although not drained it gives say \$15 per acre. The value of the crop for five years in succession, together with compound interest, would be \$4144 at the end of the five years. If however he were to drain 10 acres of the land each year, and if the drainage increased the value of the crop by \$10 per acre (which is a low estimate) then the value of the crop for five years, with interest, would be \$5748. After paying for the drainage, with interest, he would have left \$4124, the same within \$20 as if he had not drained, but if he drained the whole 50 acres at once then the five crops, with interest, would be worth \$6908. This after paying for the drainage would leave him a balance of \$5121, which is \$977 more than if he had not drained. During the next five-year period drainage by the installment plan would net him \$1604 more than not to drain at all, and the complete drainage would enrich him by \$2764 more than no drainage.

The price allowed for drainage in the calculation was \$28 per acre, and the increase in the crop was placed at \$10 per acre. As a matter of fact the increase is usually worth much more than this, so that the computation is somewhat unfair to drainage, however, it is better to err on the safe side.

But the increase in crop is not the only return from drainage. The value of the land is largely increased. This is illustrated in the case of a certain farm in Lincoln County. It was bought for \$6000 about two years ago. Last year \$2000 was spent in draining it, and it has since been sold for \$12000.

The Department of Physics, O. A. C., over which Prof. Day has charge, has a large staff engaged in making drainage surveys for farmers wishing to drain, but they are kept busy. Those who wish surveys made this fall should apply at once, as there are nearly as many applications in as can be attended to this season.

The terms on which surveys are made are explained in Bulletins 174 and 165, which may be had free from the Department of Physics, Toronto.

Test Your Coward Cows.

Records of dairy cows are always of interest, not only to the owner who is anxious to increase the yield, but also to neighboring dairymen, who desire some standard whereby to check the production of their cows. In April the yield of 10 cows near Birnam, Ont., was 383 pounds of butter fat; but from records to hand from the cow testing association near Bobcaygeon, Ont., it is seen that it took 21 cows, more than twice as many, to produce just as much butter fat. In a year or two the man with these poor cows will probably have got his herd up to nearly double their present capacity because he will know for certain which cows are not worth keeping.

Dairy farmers in all provinces have done this, some are now getting nearly three times as much milk and fat as they used to obtain before they determined to gather information as to which poor cows were sheltering themselves, coward fashion, behind either a fair herd average or a heavy yield from one or

two extra good cows in the herd; such, for instance as a seven year old grade cow near Woodstock, that gave last month 2,161 pounds of milk, testing 3.3 per cent of fat, thus giving over 73 pounds of butter fat in one month, almost double the good average yield above noted at Birnam.

Are your cows good profitable dairy cows, or are they cowards? It will pay you to keep records of each one and so find out.

\$5,000 ADDED MONEY.

Inducements that Should Make C.N.E. Horse Show Greatest Ever.

With \$5000.00 added to the prize money for horses, the display of aristocratic horseflesh at the Canadian National Exhibition this year promises to eclipse anything in its history. Every class, from the pony to the draft animals, promises to fill exceptionally well, and the result can only be the greatest display of horses ever seen in Canada.

Alexander-Miller.

A very pretty wedding took place at Devine Street Methodist parsonage, Sarnia, Wednesday June 28th, when Miss Ethel Edith Miller, of Sarnia, was united in marriage to Alexander William Alexander, of Victoria, B.C. A few immediate friends and relatives of the contracting parties accompanied the bridal party to witness the wedding ceremony and showered them right royally as they left for their honeymoon trip. They spent a few days in Watford with friends before going West.

CHOP STUFF.

Parkhill has placed crushed stone on the main street. The layer is 14 feet wide and 12 inches thick.

John Finlayson, who has been teaching in Alvinston, has been appointed principal of the public school at Dutton.

Mrs. H. Manchester, Leamington, has left her husband to care for two children, a girl aged five and a boy aged three. He is seeking for some person to adopt them.

Forty-seven mothers in Ailsa Craig have petitioned the village council to revive the curfew law requiring that all "children" under sixteen years of age be indoors after nine o'clock at night.

A cow belonging to Geo. Blackstock, 10th line Enniskillen, was killed by being struck by lightning on Sunday night. The Leamington Mutual Insurance Co. carried her insurance.

Reeve James M. Wilson, of Wyoming, received a telegram from his daughter, Mrs. Jas. R. Munro acquainting him of the fact that her husband had died at the hospital in Fayetteville, N. C., of typhoid fever and that one of their children was also ill of the same disease.

On Tuesday a vicious bull belonging to Wm. Goslin, Merces, turned upon his owner, and only the prompt arrival of the hired man and dog, saved his life. He was terribly bruised and beaten, but no bones were broken. The bull was about two years old.

WANT COLUMN.

GIRLS WANTED. Apply D. S. PERRIN & COMPANY, Limited, London, Ont. J2-1f

ABOUT 130 feet of five inch iron well casing for sale. Apply to J. A. SPALDING, Lot 25, Con. 2, S.E.R., Warwick. 7jy3t

FOR SALE—First-class light spring wagon, in good condition. Will be sold cheap. Apply to W. L. MILLAR, Watford. jne9 6t

FOR RENT OR SALE.—A good comfortable frame house on Erie street, good location. For further particulars apply to Mrs. J. E. FOWLER. jne9-1m

DR. CORNELL, the well known, eye, ear, nose and throat specialist, of Port Huron, will be at the Franklin Hotel, Forest, on Friday, June 23rd. Glasses fitted and diseases of those organs treated. td

LOST, on Monday evening, on eighteen sideroad between Watford and Birnam, gentleman's semi-forming grey cravat, rain coat, with pair of tan kid gloves in pocket. Finder please leave at this office and receive reward. td

CARD OF THANKS.—The undersigned wish to return their sincere thanks to the many old friends who extended kindness and sympathy to them on the occasion of the death of their father, the late James D. McLachlan.—G. McLACHLAN, MRS. ROBT. MOODY.

ALLAN SHARP, Blacksmith, wishes to inform the public that his shop is fully equipped with machinery for the manufacture and general repairing of all kinds of wood work usually done in his line, and is the only shop in town that can expeditiously handle such work as the farmer needs done in a hurry. Every facility for grinding plow shares, ledger plates and mower guards or repairing any kind of machinery or rigs. With such a well-equipped shop he can guarantee the best satisfaction to his customers at moderate prices. He leads in horseshoeing. Give him a call. jne30t

THE undersigned having purchased from Mr. Ed. Lamont, his stock of paints, varnishes and brushes, is now prepared to do all kinds of carriage painting and repairing as good as the best, 3 wagons now on hand and for sale, two single and one double, nothing handier on the farm. One top buggy or phaeton buggy, a rare chance for a bargain. All kinds of job work promptly attended to. Horse-shoeing, well I can do that too, having had over forty years' experience and never sent any horses limping out of town, aint a bad record. A call solicited, respectfully yours, JOSHUA SAUNDERS.

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Wm. F. Armstrong, of Ruphemis, accomplished a remarkable feat recently when he moved a barn, 40 x 60 feet, 20 feet posts and hip roof, a distance of four miles over hills, a creek, and through farmer's crops, in seven days. Two other movers refused to tackle the job.

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