THE
Flesherton Advance

anindependent newspaper, published every Thursday at the office, Collingwood Street, Flesherton. Subscription price $1 per annum when paid in advance ;$1.50when no so paid Advertising rates on application. Circulation 1,[illegible]weekly.

W. H. THURSTON, EDITOR

Around Grey County.

Miss Viola Davis will spend her summer vacation, the week of July 12th., with Mr. Wm. J. Radley at the Radley Farm, Rock Mills. This has been a long looked for visit by both young people, as they have not seen each other since Mr. Radley's return from overseas.

Durham band has been disbanded owing to lack of support.

Marion Marshall of Durham, who teaches school at Kirkville, near Collingwood, fell off a swing and broke her ankle.

Thieves stole a bag of flour from a Durham grocer.

Geo. McKay has been appointed town constable of Durham in place of T. Daniel, who resigned.

CO-OPERATIVE EXPERIMENTS

How to Obtain the Most Practical Kind of Information.

Kindness and Cleanliness Two Chief Points to Observe In Caring for Dairy Stock — Cow and Young Calf Should Be Separated In Not Over Three Days.

(Contributed by Ontario Department of Agriculture, Toronto.)

CO-OPERATIVE experiments have been conducted in agriculture throughout Ontario annually since 1886. Previous to the war the number of farmers conducting these experiments reached over 5,000, and in 1918 (the last year of the war) the number was slightly over 3,600. Some of the leading varieties of crops now grown in general cultivation throughout Ontario were introduced through the medium of the co-operative work, such, for instance, as the O.A.C. No. 21 barley, Marquis spring wheat, O.A.C. No. 72 oats, O.A.C. No. 3 oats, Dawson's Golden Chaff winter wheat, O.A.C. No. 61 spring rye, Canadian Beauty pease, O.A.C. No. 81 Soy beans, Rye buckwheat, Golden Bantam sweet corn, Early Amber sugar cane, Dwarf Essex rape, Irish Cobbler potatoes, Yellow Leviathan mangels, Grimm and Ontario Variegated alfalfa, etc.

The co-operative experiments enable practical farmers to obtain information regarding varieties of field crops, mixtures of grain for grain and for fodder production, ways in increasing soil fertility, etc., for their own particular farms which they cannot possibly get in any other way. They furnish hundreds and even thousands of object lessons annually, which form centres of interesting study along the lines of progressive agriculture. They enable farmers to get a supply of pure seed of the leading varieties of field crops which rapidly increase in quantity and which furnish seed for sowing and planting in large areas and for selling at good prices. The whole work leads to a substantial increase in farm profits and to a steady advance in agricultural education throughout Ontario.

The plan of the co-operative work for 1919 is printed in circular form and has already been sent to all the successful co-operative experimenters of the past few years. Other interested farmers could secure a copy of the circular by applying to the Department of Field Husbandry, Agricultural College, Guelph, Ontario.—Dr. C. A. Zavitz, Ontario Agricultural College, Guelph.

Small Ads.

LOST

Lost—Box tinsmith tools between the residence of J. Adams' and J. Gibson's at Ceylon. Leave at this office.

Lost—Cameo brooch, Friday or Saturday last, prized as keepsake. Finder please leave at this office.

Lost—Heavy logging chain with left hand grab hook, between Jos. Hawkins' farm, 8th line, and Wm. Osborne's, 12th line Osprey, on July 9. Finder please leave with Joseph Hawkins, Eugenia, or Harry Foester, Eugenia.

FOR SALE

Hound For Sale—Good young Fox Hound. Apply this office.

Working mare and heavy yearling colt for sale—Bert Magee, Eugenia.

Calf For Sale—5 days old.—R. McMaster, Flesherton.

A quantity of twelve foot dry hemlock lumber for sale. Apply J. K. Jamieson, Eugenia.

One seventeen horsepower simple traction engine and Goodison separator, wind stacker and feeder complete, tank, wagon, pump, etc., complete, for sale—Apply to George Julian, Feversham.

For Sale cheap, reasonable terms, the building and lands belonging to the Scully Company, Flesherton, butter and egg warehouse. Apply to R. J. Sproule, Flesherton. June519

Lost—On Tuesday, June 24 between Maxwell and John Milne's, a purse containing $19.50 in cash and two due bills on Sam Osborne, Maxwell. Any person finding and returning will be liberally rewarded—Jas. Sullivan, Singhampton.

House For Sale—A very conveniently located frame dwelling on stone wall; six bedrooms, summer kitchen and wood shed; electric lighting throughout; good cellar and cistern; in good repair; terms reasonable. Apply on premises to—Malcolm McDonald, Flesherton.

For Sale cheap and on easy terms, Lot 13, con. 11, Osprey, 110 acres. This is a first class farm and in a good state of cultivation. Good bank barn and new frame dwelling. Apply to R. J. Sproule Flesherton

MISCELLANEOUS

No trespassing allowed on part lot 33, con. 12, lot 34 con. 12, and lot 34 con. 11—Bert Magee.

Try Feversham Pastry Flour, the best for your cook. All Ontario wheat

Highest price for butter and eggs at Graham Bros. Eugenia. June 26

Private funds to loan on real estate security at reasonable rate of interest. Apply to R. J. Sproule, Flesherton. sept 2317

We have a good supply of binder twine on hand which we are selling at a special reduced price. H. Down & Son.

Flesherton Tonsorial Parlors

We Aim to Give Entire Satisfactio

LAUNDRY—Basket closes Monday night, delivery Friday evenin

CLEANING and DYEING—Agents for Parker's Dye Works—Clothes cleaned and dyed, feathers rejuvenated.

T FISHER - -PROPRIETOR

HARDWARE!

Coal Oil Stoves—2, 3 and 4 burner with oven
Car of Cement just unloaded
Forks—strapped and plain
Binder Twine—650 feet and 600 feet
Rakes
Pulleys
Rope
Paints
Oils
Glass
Stoves
Screen Doors
Window Screens
Paris Green

F. G. KARSTEDT, Flesherton

GRAIN MIXTURE VALUES

Oats 34 Lbs., Barley 48 Lbs. the Best Combination.

By Opening Surface to Rains, Many Dollars May Be Made by Increased Crops — Full Directions Given Regarding Starting Early Celery.

(Contributed by Ontario Department of Agriculture, Toronto.)

A LARGE amount of experimental work has been conducted at the Ontario Agricultural College in testing grains both singly and in combination for the production of grain. The results of experiments indicate that there is practically no advantage in growing in combination two or more varieties of grain of the same class. Quite decided advantages, however, have been obtained from certain combinations of grain of different classes.

In an experiment which extended over a period of five years in which oats, barley, spring wheat and peas were grown separately and all the different combination which could be obtained by having two, three and four grains in each mixture, it was found that in about ninety per cent. of the experiments the mixed grains gave a greater yield per acre than the same grains when grown separately. Of the different combinations, oats and barley came at the head of the list, giving slightly over two hundred pounds of grain per acre more than when either one was grown alone.

It is important to use in combination varieties which will grow satisfactorily together and which will mature at the same time. Such varieties as the O.A.C. No. 21 barley and the Daubeney, Alaska or O.A.C. No. 3 oats give very good results.

Of twenty-five different mixtures with different proportions of oats and barley used for five years in experimental work it was found that the greatest returns were obtained by using one bushel, by weight, of each or a mixture of 84 pounds (34 pounds of oats and 48 pounds of barley). —Dr. C. A. Zavitz, O. A. College, Guelph.

Open Your Surface Drains.

Drainage—either surface or underground—is essential if farming is to be profitable. With the dearth of ditching machinery, the depleted labour market and the increased cost of underdraining, progress is retarded somewhat. Everything, however, has been done which prevailing conditions permit. Yet forty per cent (40%) of Ontario is in urgent need of drainage. The underdrainage of so much cannot be accomplished in a short period of time, hence that which renders timely service, even though only of temporary duration, must be taken advantage of.

Surface draining must be resorted to. Several lines will be necessary. Indeed, if the majority of farmers would leave all "finishing" furrows open in the ploughed ground and connect them by opening up cross channels through the lower-lying parts of the field—cleaning out all the furrows thus traversed—a system would be formed whereby the water could be carried to outlets quickly, efficiently and satisfactorily in the early spring.

Not alone to level fields or farms does this apply. Large areas of Ontario are quite rolling, hence naturally drained. Yet, a small open ditch or deep furrow will pay for the trouble necessary to make a channel by the greater ease with which water can escape, thus permitting quicker disposal of the same, hence hastening the drying of the land.

These surface drains should be opened at least once per year. The best time to do so is in the late autumn after the fall work is done. Labour can be obtained then with less difficulty and at less cost. The work may be done by hand or by the use of a team if water does not prevent.

Surface draining, however, is not recommended to take the place of tiling.—Thos. Cooper, B.S.A., O. A. College, Guelph.

Starting Early Celery.

The starting of early celery should be done immediately as the seed is slow in germination; requiring about four weeks before ready for the first transplanting. The seed should be sown in flats in a soil very sandy in nature. This soil is pressed down about ½ an inch in the box and then the celery is sown broadcast over it. The box is then watered through burlap and is left covered with burlap or brown paper until the seed germinates. When the plants are showing two or three leaves they are transplanted into flats, 2 inches each way in soil that is sandy in nature but well-filled with good manure and commercial fertilizer, such of a nitrogeneous nature. Good fertilizer is necessary at this stage so that the plants will not receive any check. The plants should be thoroughly sprayer with Bordeaux Mixture when they first break into third or true leaf, so that they will be kept free from blight, and every week after being set in the field.

Another method in use among growers is that of sowing in hot beds. The seed is planted in rows about 4 inches apart; in making these rows they take a piece of wood about an inch wide and press it down on the soil making a furrow about ⅛ of an inch deep in which the seed is sown. It is then covered with burlap or paper as stated before.

Celery to germinate properly should be kept at a temperature of 70 degrees until the young plants are growing in good shape, when it is well to lower it to 55 or 60 degrees. —A. H. MacLennan, Ontario Vegetable Specialist.

BUSINESS CARDS

SOCIETIES

PRINCE ARTHUR LODGE, No. 333, A.F.& A.M, meets in the Masonic hall, Armstrong's Block Flesherton, every Friday on or before the full moon. T. Henry W. M. T. Blakely, Secretary.

DENTISTRY

Dr. B. C MURRAY L. D. S, dental surgeon honor graduate of Toronto University and Royal College of Dental Surgeons of Ontario. Gas admisinistered for teeth eXtraction Office at residence, Toronto Street. Flesherton.

MEDICAL

Dr W. J. Henry, M. B., graduate of Faculty of Medicine, Toronto University. Office —Dr. Little's late residence, Flesherton.

J P OTTEWELL
Veterinary Surgeon
Graduate of Ontario Veterinary College residence — second door south west on Mary street. This street runs outh Presbyterian Church.

LEGAL

LUCAS, RANEY & HENRY—Barristers, Solicitors, etc.—I. B. Lucas, K. C.; W. E. Raney, K. C.; W. D. Henry, B. A. Offices, Toronto, 806-9 Traders Bank Bldg., phone main 1412; Markdale Lucas Block, Phone 2 A. Branch office at Dundalk open every Saturday.

WRIGHT, & TELFORD, Barrister, Solicitors, &c. Offices, Grey & Bruce Block, Owen Sound. Standard Bank ck Flesherton, (Saturdays). W. H. Wright, W. F. Telford Jr.

BUSINESS CARDS

WM. KAITTING, icensed Auctioneer for the counties of Grey and Simcoe. Farm and Stock sales a specialty. Terms moderate. satisfaction guaranteed. Arrangements for dates may be made at the Advance office, or Central telephone office Feversham or by addressing me at Feversham, Ont.

D. McPHAIL, Licensed Auctionee for the County of Grey. Terms moderate and satisfaction guaranteed. The arrangements and dates of sales can be made at THE ADVANCE office. Residence and P.O., Ceylon. Telephone connection. Dec. 6, 70

New Blacksmith Shop At Maxwell

am opening up atonce, a blacksmithing and woodworking business in Maxwell, and am installing up-to-date woodworking machinery. It will be my endeavor to serve the public in a satisfactory manner and I would solicit patronage. I want your work and will do it right. 7 April 1

CHESTER LONG

Boar For Service

Pure bred Registered Yorkshire Boar for service—Maxwell Jack 62903—on lot 167, S. W. T. & S. R., Artemesia. Terms $1.50.
10,4,19 T. J. STINSON.

Boar for Service

The undersigned has a thoroughbred Yorkshire Boar for service on lot 11, con 8, Osprey. Terms $1.50.
FRED SPOFFARD.

Boar For Service

Registered Chester White hog for service at Rock Mills. The father won first at Chicago Fair. Terms $1.50.
15dec19 —I. SMITH Prop.

FARMERS!

Study your own best interests. There is no improvement on your farm that pays as large returns for the money invested as a good well.

I have the experience, a competent outfit and the stock on hand to put in a first class job.

Satisfaction guaranteed.

Communicate with
M. S. BELLERBY
WELL DRILLER
Flesherton, Ontario

Spring Needs

Everybody knows Sherwin Williams Paints and Varnishes —a finish for every purpose— inside and outside. Floorlac and Marnot for floors, Paint your own car with S. W. P. auto enamel.

A good assortment of Paint Brushes, Screen Doors, Hoes, Rakes and Shovels.

New Perfection Long Chimney Oil Stove.

Red Star Washing Machines, Daisy Churns and all kinds of pails.

Frost Woven and Coil Spring Wire Fence.

Also the new Sharples Suction Feed Cream Separator. Any member of the family can turn and skim clean at any speed.

F. W. DUNCAN
Phone 24r11 Flesherton

FLEET FOOT

White, Black and Tan. For men, women and children. All sizes. Prices right.

Highest prices paid for produce.

GRAHAM BROS.
EUGENIA, - ONT.

Flesherton Tin Shop

I have just placed on the shelves a full line of Tinware, Nickelware and Agateware for domestic use. Call on me and get your supplies.

Eavetroughing, Stovepipes and Stove Furnishings.

Repairing of all kinds promptly attended to.

Pipefitting, including pump work.

Furnaces installed. Agent for Clare Bros. Furnaces.

D. McKILLOP
CHRISTOE BLOCK
FLESHERTON ONTARIO.

WE SELL
PETER HAMILTON
FARM IMPLEMENTS

WAGONS, HARROWS
PLOWS

SPECIAL PRICES IN
New Tubular Sharples Separators

JOHN HEARD, IMPLEMENT AGENT FLESHERTON.

Employ a Hired Man Requiring No Salary

IN other words—get a Toronto Farm Engine. They never lay down on the job—will work a life-time for the original cost. A Toronto Farm Engine will do all the irksome, yet necessary odd jobs around the farm. They are smooth-running, economical, simple to care for and operate. Run on either Kerosene or Gasoline.

A Toronto Grain Grinder and a Toronto Saw also are very necessary farm equipment. With them there is no need to haul grain to the mill or do the back-breaking wood-sawing by hand. Write for our free booklets on these splendid Toronto Products to-day.

ONTARIO WIND ENGINE & PUMP Co., Limited
Atlantic Ave., Toronto
Montreal Winnipeg Regina Calgary

ONTARIO WIND ENGINE & PUMP CO.
TORONTO

F. E. SOMERS
Feversham, Ont.

FARM FOR SALE

50 acres on lot 127, 2 d concession north east of Toronto and Sydenham Road, Artemesia. Apply to
W. CARGO, Flesherton.

Farm For Sale

Good farm, about half mile from the village of Flesherton, containing 60 acres 40 acres cleared and balance hardwood bush. On the property is a good frame barn with shed beneath.
—JOHN HEARD, Flesherton