

WANTS AND FOR SALE

TERMS—Two cents per word per insertion. Each initial counts for one word and figures for two words. Names and addresses are counted. Cash must always accompany the order. No advertisement inserted for less than 50 cents.

FARM HELP of every description supplied. Mrs. Johnson-Meyer, 315 Logan Ave., Winnipeg, Phone 7752.

LOCAL AGENTS—We have some very good openings in Saskatchewan and Alberta for good live men, willing to give their whole time or part of same in doing subscription work for the Advocate. Good commission paid to reliable people. When writing enclose references as to character, etc. Address FARMER'S ADVOCATE, Box 3089, Winnipeg.

SOUTH AFRICAN WARRANTS—I will sell two at bottom price. I will buy any number at market prices, subject to confirmation. E. B. McDermid, Nelson, B. C.

FARMERS—Write me for prices on fence posts in car lots, delivered at your station. Get the best direct from the bush. Fruit land for sale. J. H. Johnson, Malakwa, B. C.

VANCOUVER ISLAND OFFERS sunshine, mild climate; good profits for ambitious men with small capital in business, professions, fruit-growing, poultry, farming, manufacturing, lands, timber, mining, railroads, navigation, fisheries, new towns; no thunderstorms, no mosquitoes, no malaria. For authentic information, free booklets, write Vancouver Island Development League, Room A, 34 Broughton St., Victoria, B. C.

AGENTS WANTED—Smart active ladies to take orders in country districts for our famous made-to-order corsets and skirts. Good commission. Apply Robinson Corset and Costume Co., London, Ont.

BRITISH COLUMBIA FRUIT LANDS—\$10 cash and \$10 per month buys a ten-acre tract. Prices from \$5.45 to \$31.80 per acre. No interest. Write for leaflet "H" with surveyor's report on each lot, together with maps and other literature. E. B. McDermid, Nelson, B. C.

WE CAN SELL YOUR PROPERTY. Send description. Northwestern Business Agency, Minneapolis.

FOR SALE—Comox, Vancouver Island cleared farms, bush land, sea frontage in district, all prices. Fine farming country. Good local market, ideal climate. Apply F. R. F. Biscoe, Comox, B. C.

FOR SALE—A few young pedigree Yorkshire boars, farrowed April and May. Apply to F. de Pass, Uppingham Farm, Strome, Alberta.

FOR SALE—Twelve horse-power Case traction engine rebuilt and inspected, with separator, if required. Five hundred dollars. Easy terms to good man. W. A. Morkill, Dominion City.

FOR SALE—One imported Clydesdale mare Lady Bine. For further particulars apply L. Abbott, Cupar, Sask.

WANTED—Good Farm, from owner only. State price and description. Address Wilms, Box 764, Chicago, Ill.

ENGINES FOR SALE—We have on hand ready for delivery a number of Portable and Traction Engines, simple and compound, from sixteen to thirty horse-power rebuilt and in first-class order, which we will sell much below their value. Address P. O. Box 41, or the John Abell Engine and Machine Co., Ltd., 76 Main St., Winnipeg, Man.

TALKING MACHINES AND RECORDS. All the latest Edison and Victor Records. Write for beautifully illustrated catalogue and price list. Lindsay & Wingood, Dept. F. A., 284 Portage Avenue, Winnipeg, Man.

WANTED—Nation's Custard Powder, now sold by all grocers; 5-cent packets, 1 lb. and 1 lb. patent measure tins, wholesale. W. H. Escott, Winnipeg.

WINTER WHEAT FOR SALE—1,000 bushels Alberta Turkey Red for seed; absolutely clean and pure. Price \$1.25 per bushel; sacks extra. Sanders Bros., Strathmore, Alta.

FOR SALE—One Jersey bull, rising two years old; one Jersey bull calf. Both pedigree animals. Wm. Brayshaw, Kellogg, Man.

FOR SALE—35 head of registered Hereford cattle—cows, heifers and calves. They are a first-class lot, nearly all from imported bulls—Mighty Ruler No. 1715, Albert No. 80081. John H. Reid, Moosomin, Sask.

FOR SALE—At Port Hammond, British Columbia. Fine dairy farm, consisting of 40 acres, about 33 cleared. Good 6 room house and large barn. Pear orchard. Price \$10,500. Terms \$5000 cash, balance easy. Fruit farms at all prices. Write for booklet to Edward W. Powell, Port Hammond, B. C.

FOR SALE—22 horse-power Port Huron Traction Engine, 33 by 54 Port Huron Separator complete with self feeder, weigher, wind stacker, tank, caboose, all in good running order. Easy terms, or will exchange for land. S. Plott, Redvers, Sask.

WANTED—Information regarding the whereabouts of Benjamin Segel, aged twenty-one years, height about five feet eight inches, fair complexion, dark hair, brown eyes, weight about one hundred and sixty pounds. Address all communications to Isaac Segel, 178 Clinton St., Toronto, Ont.

FOR SALE—Large residential lots right in line of coming developments at Vancouver; near the water, near projected car line, near the new government docks and steel car works. Beautiful home sites that will be worth thousands of dollars by and by can be had now cheap and on easy terms. Write for maps, guarantee, and full particulars to D. MacLurg, Broker, 340 Pender St. West, Vancouver.

Lost, Strayed or Impounded

This department is for the benefit of paid-up subscribers to the FARMER'S ADVOCATE, each of whom is entitled to one free insertion of a notice not exceeding five lines. Over this two cents per word.

STRAYED ON JULY 9th, from Lot 13, Kildonan, Broncho, 3 years old, dark brown, branded AK right shoulder, white star on forehead, hind legs white. \$10.00 reward. Address J. Filkow, Inkster P.O., Man.

POULTRY AND EGGS

RATES—Two cents per word each insertion cash with order. No advertisement taken less than fifty cents.

L. F. SOLL, LAKEVIEW POULTRY FARM, Westholme, B. C.—Breeder of laying strains: White Wyandottes, White Leghorns; also Pekin Ducks and Belgian Hares.

R. P. EDWARDS—South Salt Springs, B. C. Now is your time to buy Cockerels for next spring. Buff Rocks, Rhode Island Reds, Black Minorcas, Blue Andalusians, Speckled Hamburgs, also a few early pullets.

BREEDERS' DIRECTORY

Breeders' name, post office address and class of stock kept will be inserted under this heading at \$4.00 per line per year. Terms cash, strictly in advance. No card to be less than two lines.

D. SMITH, Gladstone, Man., Shires, Jerseys and Shorthorns, Yorkshire hogs and Pekin ducks.

GUS WIGHT, Evergreen Stock Farm, Napinka, Man., Clydesdales, Shorthorns and Berks. Write for prices.

McKIRDY BEOS, Mount Pleasant Stock Farm, Napinka, Man., breeders and importers of Clydesdales and Shorthorns. Stock for sale.

JAMES WILSON, Innisfail, Alta., breeder of shorthorn cattle. Young bulls of breeding age for sale. Heifers and cows from fashionable families. These are show animals at breeder's prices. My 320 acre stock farm for sale.

W. J. TREGILLUS, Calgary, Alta., breeder and importer of Holstein-Friesian cattle.

HEREFORDS—Pioneer prize herd of the West. Good for both milk and beef. **SHEP-LAND PONIES**, pony vehicles, harness, saddles. J. E. Marples, Poplar Park Farm, Hartney, Man.

BROWN BEOS, Ellsboro, Assa., breeders of Polled-Angus cattle. Stock for sale.

J. MORRISON BRUCE—Tighnduin Stock Farm, Lashburn, Sask., breeder of Clydesdales and milking Shorthorns.

H. W. BEVAN, Duncans, Vancouver Island, B. C., breeds the best strains of registered Jerseys. Young stock for sale.

C. G. BULSTRODE, Mount Farm, South Qu'Appelle, Sask. Breeder of Berkshire swine.

H. C. GRAHAM, "Lea Park," Kitscoty, Alta., Scotch Collies and Yorkshires for sale.

Orchard. Sow and litter of pigs: 1, G. Campbell; 2 and 3, F. Orchard. Champion boar: G. Campbell. Champion sow, Frank Orchard.

BERKSHIRES.

There were three strong competitors in the Berkshire classes: R. L. Lang, Oak Lake, Man.; T. A. Cox, Brantford, Ont., and Bowman & McGregor, North Brandon. Especially in the sow classes was there some keen competition. The awards are: Boar, two years and over: 1, R. L. Lang; 2, T. Cox; 3, Bowman & McGregor. Boar, one year: 1, Bowman & McGregor; 2, T. A. Cox; 3, R. L. Lang. Boar, over six months and under one year: 1, T. A. Cox; 2, R. L. Lang. Boar of calendar year: 1 and 3, R. L. Lang; 2, T. A. Cox. Breeding sow, two years or over: 1, R. L. Lang; 2, T. A. Cox. Breeding sow, one year and under two: 1, T. A. Cox; 2, Bowman & McGregor; 3, R. L. Lang. Sow, over six months and under one year: 1 and 2, T. A. Cox; 3, R. L. Lang. Sow of calendar year: 1, Bowman & McGregor; 2, R. L. Lang. Sow and litter of pigs: 1, T. A. Cox; 2, R. L. Lang. Boar, any age, R. L. Lang. Sow, any age, T. A. Cox.

BACON HOGS

The hogs in this class were to be bred and owned by the exhibitor. They were supposed to weigh not more than 225 pounds each, and to be judged in relation to length and even depth of side and best conformation for a good bacon hog. In the class for pen of three bacon hogs most suitable for the bacon trade the prize went to T. C. Skinner, on his Yorkshires; 2, Geo. Campbell, with Tamworths; 3, A. B. Potter, with Yorkshires. Pen of three grade bacon hogs, 180 to 220 pounds, weight to be judged from packers' standards: 1, A. B. Potter; 2 and 3, Geo. Campbell. Best bacon hog, purebred or grade: winner, A. B. Potter, on a Yorkshire.

JUDGING COMPETITION

The judging competition in beef and dairy cattle and heavy horses was taken part in by farmers' sons and students from the Manitoba Agricultural College.

In dairy cattle out of nine entries the winners were: 1, E. W. Jones, Carman; 2, Chas. Yule, East Selkirk; 3, R. P. Connell, Neepawa.

Winners in beef cattle out of eleven entries: 1, Guy English, Harding; 2, Stanley Chalmers, Brandon; 3, E. W. Jones, Carman.

Winners in heavy horses out of thirteen entries: 1, F. W. Crawford, of Chater; 2, J. C. Yule, of East Selkirk; 3, E. W. Jones, Carman.

POULTRY

The entry in the poultry classes numbered some two hundred entries over last year. The principal winners in the barred rocks were: E. G. Roberts, of Fort Atkinson, Wis., and J. Bevis, of Crystal City. In the White Rocks, W. J. Currie, of Laurier, had many winners, and in the white Wyandottes, Mutchmore Bros., of Winnipeg, cleaned up first, second and third in all the single classes, also first in the breeding pen.

In the silver Wyandotte classes, Bevis was again a strong winner, together with J. Watson, of Brandon, and E. G. Roberts, of Fort Atkinson.

Winners in the Buff Orpington class were: Bevis, of Crystal City, J. Wilding, Norwood Grove, and A. Scott, Bradwardine. In the Light Brahmas, Higginbottom, of Virden, divided the honors with J. H. Hillman, of Brandon. W. A. Hoyt, of Stillwater, Minn., and E. G. Roberts, from Wisconsin, won most of the awards in White Orpingtons. A long string of Bantams, geese and ducks were on exhibition.

MACHINERY DISPLAY

One of the outstanding features was the machinery exhibit. The display of labor-saving devices for farm work is one that appeals to agriculturalists, who form a large proportion of the attendance. Some commented that the machine exhibit this year was not as large as previously. However, the usual space devoted to this exhibit was greatly enlarged, and it seemed as if all the ground was fully occupied by some machine in the shape of steam or gasoline thresher, traction engine or other mechanical devices best calculated to save time and labor.

Foremost amongst the exhibitors were International Harvester Co., with an extensive display of steam and gasoline threshers, farm wagons and implements; The Manitoba Windmill & Pump Co., with gasoline tractor, engines and pumps; Winnipeg Gasoline Traction Co., with gasoline tractors; Gould, Shapley & Muir, Brantford, Ont., with gasoline tractors and pumps; Gaar-Scott Co., Richmond, Ind., steam outfits; Sawyer-Massey Co., Hamilton, steam outfits; Waterloo Mfg. Co., steam threshers; Avery Thresher Co., Peoria, Ill., threshing outfits; J. I. Case Co., steam threshers; Beatty Bros., Fergus and Brandon, stanchions, hay carriers and implements; Robt. Bell & Co., steam threshing outfits; Rumby Thresher Co., with gasoline tractors and threshing outfits; Hart Parr Co., with kerosene tractors; Geo. White Co., threshing outfits; Canadian Stove Co., with gasoline engines; Nichols Shepard & Co., with threshing outfits; Aultman-Taylor & Co., with gasoline threshers; Universal Traction Co., with a gasoline tractor; Standard Wire Fence Co., display of fencing; W. H. Emerson, wild oat separator; Safe-lock Fence Co.; The Gray-Campbell Co.; Equity Grain Bin and Shocker Co.; American Seeding Co., The Brandon Implement and Manufacturing Co., and The Kramer Rotary Harrow Co.

DETAILS OF ROAD-MAKING

(Continued from page 1151)

in the spring and these mudholes soon develop into an almost impassable m.e.

It is to be hoped that all leading roads subjected to heavy traffic in this country can be macadamized, gravelled or otherwise improved in the near future; the time saved in travelling, the decreased wear and tear to vehicles, the increased weight of loads that can be hauled, with a great saving on horses and the comfort and pleasure derived by the users, will soon compensate them for the increased expenditure in making these roads fit for travel in all kinds and conditions of weather. It has been said and is a truism "That the cheapest road is never the best road, but that the best road is always the cheapest."

MAKING GRAVEL ROADS

It is of the greatest importance before placing gravel upon a road, to see that the roadbed is properly drained, the ditches should be cleaned and graded to proper outlets. The earth surface before placing the gravel required width and well crowned and culverts placed under the grade in low places between the ridges whenever these are necessary. Rolling the earth surface before placing the gravel on it will prove beneficial. It is an extravagant waste of time and money to place gravel on a surface that has not been crowned and properly drained, for it will soon be cut up and lost sight of. It would be much better and of more permanent value to the road to put the money and energy in draining and grading up such a place.

An effort should be made to have the road grade as straight and as near the center of the road allowance as possible, that the road when finished may be pleasing to the eye and have a uniformity of construction throughout. The gravel should be placed on the road in layers, not exceeding four inches in depth and spread to a width of seven feet; each layer should be rolled before the succeeding one is placed on it. If it is the intention to allow the gravel to be packed and consolidated by traffic, it should be placed, as above mentioned about four inches deep and seven feet wide. When this is thoroughly packed, as it will probably be in the course of a few months time, depending, of course, upon the amount of traffic upon it, a similar amount should be added which in due time would receive the same consolidation, and so on until the requisite depth is obtained. The gravel should not be dumped in loose piles along the center of the road, to be kicked about by horses' hoofs and wasted and avoided by people desiring to use the road, but should be spread evenly so as to induce traffic to come upon it and consolidate it as soon as possible.