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Markets Reports

GRAIN QUOTATIONS.

Toronto.
Toronto, Oct. 17.—Manitoba wheat—No. 1 Northern \$1.15 1/2. American corn—No. 2 yellow, 85c No. 3 yellow, 84c; all rail. Barley—Malting, 59 to 62c, according to freight outside. Buckwheat—No. 2, 60 to 65c. Rye—No. 2, 62 to 67c. Millfeed—Delivered, Montreal freight, bags included; bran, per ton, \$20; shorts, per ton \$22; middlings, \$23.25; good feed flour, \$1.90. Ontario wheat—No. 2 white, 95 to 97c, according to freight's outside; No. 2, 89 to 94c. Ontario No. 2 white oats—39 to 40c. Ontario flour—ninety per cent. patent, in jute bags, Montreal, prompt shipment, \$4.60 to \$4.70; Toronto basis, \$4.60 to \$4.60; bulk seaboard, \$4.60 to \$4.45. Manitoba flour—1st. patents, in cotton sacks, \$6.50 per barrel; 2nd patents, \$6. Hay—Extra No. 2, per ton, track Toronto, \$16; mixed \$13.50 to \$14; clover, \$13.50 to \$14; straw \$9, car lots.

Montreal.

Montreal, Oct. 17.—Oats—Canadian Western No. 2 64 to 65c; No. 3, 59 to 60c. Flour—Manitoba Spring wheat patents, \$6.50. Rolled oats—Bags, 90 lbs., \$2.90 to \$3. Bran, \$20. Shorts, \$22.

Winnipeg.

Winnipeg, Oct. 17.—Wheat—No. 1 Northern, \$1.02 1/2; No. 2 Northern \$1.01 1/2; No. 3 Northern 96c No. 4 94c; No. 5 89 1/2c; No. 6 81 1/2c; feed 70c; track, \$1.01 1/2. Oats—No. 2 C.W., 46 1/2c; No. 3 C.W., 40c; No. 2 feed, 37 1/2c; rejected, 35 1/2c; track 43 1/2c. Barley—No. 3 C.W., 54 1/2c; No. 4 C.W., 50 1/2c; rejected and feed, 48 1/2c; track, 54 1/2c. Flax—No. 1 N.W.C., \$2.07 1/2; No. 2 C.W., \$2.01 1/2; No. 3 C.W., and rejected, \$1.90 1/2; track \$2.05 1/2. Rye—No. 2 C.W., 72c.

Minneapolis.

Minneapolis, Oct. 17.—Flour, family patents, \$6.75. Shipments, 95,956 barrels. Bran \$21. Wheat—No. 1 Northern \$1.12 to \$1.19; December, \$1.09; May, 1.10 1/2. Corn—No. 3 yellow 64 1/2c to 65c. Oats—No. 3 white, 37 1/2 to 40c. Flax—No. 1, \$2.35 to \$2.36.

Chicago.

Wheat, No. 2 red \$1.17 1/2; No. 2 hard \$1.14 1/2; Corn, No. 2 mixed

Stomach Treatment Futile for Catarrhal Trouble

Impossible to properly treat Catarrh in the nose or throat by dosing the stomach. To rid the system of Catarrh, send the healing vapor of Catarrhazone after the germs, and you accomplish real results. When you inhale the rich piney essence of Catarrhazone and get its healing balsams circulating all through the breathing organs, the cough is eased, sneezing stops, the nostrils are cleared, the throat is healed and freed from discharge. If you want permanent relief from Catarrh, irritable throat, Bronchitis, use Catarrhazone several times every day. Safe and sure. Two months treatment, one dollar. Small size 50c. All dealers or The Catarrhazone Co., of Montreal.

69 1/2 to 70 1/2c; No. 2 yellow 69 1/2 to 71 1/2c; Oats, No. 2 white, 43 1/2 to 54 1/2c; No. 3 white, 42 1/2 to 43c. Rye, No. 2 81c. Barley, 66 to 67c. Timothy seed, \$5.50 to \$6.50. Clover seed, \$15.00 to \$19.00.

LIVE STOCK MARKETS.

Toronto.

Toronto, Oct. 17.—Heavy steers \$7 to \$7.75 do. good \$6.65 to \$6.75; do heavy western \$5 to \$5.50; Butcher steers, choice \$6 to \$6.50; do good \$5 to \$6; do common \$4.25 to \$4.75; Butcher heifers, choice \$6 to \$6.50; do medium \$5.25 to \$5.50; do common \$4 to \$4.50; Baby heifers \$7.50 to \$8; Butcher cows, good \$4 to \$4.50; do medium \$3 to \$4; Butcher bulls, good \$3.50 to \$4; Canners and cutters \$1 to \$2; Feeding steers, good \$5.25 to \$5.50; Stockers \$3.50 to \$4.50; Carves, choice \$11 to \$12; do medium \$9 to \$10; do common \$4 to \$6; Milch cows \$50 to \$90; Springers \$70 to \$80; Sheep, choice \$6 to \$6.50; do heavy \$4.50 to \$5; do yearlings \$7 to \$8; Lambs \$11 to \$11.25; Hogs, F.O.B., bid \$10.25; do fed and watered bid \$11; do to farmer, bid \$10; Lard type hogs, 50c to \$1 less. Light hogs, under 130 lbs., 2c less per lb.

Buffalo.

Buffalo, N.Y., Oct. 17.—Cattle; shipping steers, \$9.50 to \$10.50; butchers, \$8 to \$9.50; yearlings, \$9.50 to \$11.50; heifers, \$6 to \$8.50; cows, \$2 to \$6.25; few, \$6.75; bulls \$3 to \$5.25; stockers and weaners, \$5.50 to \$7; fresh cows and springers, \$40 to \$120. Calves, \$5 to \$13.50. Hogs, heavy \$9.85 to \$10; mixed \$9.75 to \$9.85; yorkers, light yorkers and pigs \$9.75; roughs, \$7.75 to \$8; stags, \$5 to \$6. Lambs, \$6 to \$14.75; yearlings, \$6 to \$11.50; wethers, \$8.50 to \$9; ewes, \$2 to \$8; mixed sheep, \$8 to \$8.50.

Montreal.

Montreal, Oct. 17.—Cattle, cows and heifers \$2 to \$3; bologna bulls at \$2 to \$2.50; Good veal, \$9 to \$10; medium \$7.50 to \$9; common \$6 to \$7; grass \$3 to \$4. Ewes \$2 to \$4.50; lambs, good \$11 to \$11.60; common \$9 to \$10. Hogs, off car weights, selects \$11.25 to \$11.50; sows, \$9 to \$10.50.

Chicago.

Chicago, Oct. 17.—Cattle, lower grades beef steers, \$13.10; best long yearlings, \$12.75; bulk steers, \$9 to \$11.50; sixteen loads Canadian grassers, \$7.50; Montanas to feeder buyers, \$6.50 to \$7.40; bulk desirable vealers around \$10.50; bulk desirable bologna bulls around \$4.25; bulk stockers and feeders, \$6.25 to \$7.50. Hogs—bulk 170 to 200-pound average \$9.25 to \$9.35 good and choice 220 to 280-pound butchers, \$9.40 to \$9.50; top \$9.50; bulk packing sows, \$7.90 to \$8.40; pigs mostly \$9.00 to \$9.25; estimated hold-over 9,000. Sheep—3 1/2 fat Western lambs, \$14.10; others, \$13.75 to \$14; bulk native lambs, \$13.75 to \$13.85; culls mostly \$9.50; feeders allowed few morning sales about steady; one double 105-pound Washington yearling wethers, \$10 to \$11; sheep strong to 25c higher; heavy fat ewes \$3.75 to \$4.25; lighter weights upward to \$6.50.

Butter.

Montreal, Oct. 17.—Butter—Creamery, solids 36c lb.; prints, 37c per lb.; cooking butter, 27c per lb.; oleomargarine, 20c per lb. Eggs—No. 1, 36c; No. 2, 30c; extras, 40c; specials, 52c to 53c. Ham—Large size 33c; small size, 37c; cooked, 40c lb. Bacon—Windor boneless, 43c per lb.; breakfast, 32c per lb. Dressed Poultry—Milked chickens, 38c to 42c lb.; broilers, 35 to 38c; selected chickens, 26c to 28c; turkeys, 40c to 50c; ducks, 25c to 36c; green ducks 35c to 38c per lb. Dressed Hogs—Fresh killed abattoir stock, \$17.50 to \$18.50. Flour—First patents, \$6.50 per bbl.; seconds patent, \$6 F.O.B. track; strong bakers, \$6.10 per bbl.; winter wheat flour, choice grade, \$5.50; broken lots in cotton bags, \$5.75 to \$5.80. Millfeed—Bran and shorts in limited quantities in mixed car lots, \$21.25; shorts, \$23.25. Rolled Oats—Standard grades, \$3.25 to \$3.30 per 90-lb. bag, delivered to the trade. Hay—Baled, per ton, in car lots, new crop No. 2 Timothy, \$16 to \$17; No. 3 Timothy, \$14 to \$15, delivered to Montreal.

GENERAL TRADE.

Toronto.

Toronto, Oct. 17.—Butter, dairy 27c to 35c; do creamery 38c to 46c; eggs, fresh doz. 43c to 45c; cheese, lb. new 20c to 25c; do old 25c to 35c; Broilers, Spring lb. 40c to 45c; Fowl, lb. 25c to 28c; Ducklings, lb. 25c to 30c; Turkeys, lb. 35c to 40c; Apples, basket 25c to 50c; do. bushel, 75c to \$1.50; do. bbl., \$2.50 to \$5; Grapes, 6-qt. 30c to 40c; Peaches, yellow, 6-qt. 30c to 60c; do. 11-qt. 40c to 90c; Pears, 11-qt. 30c to 60c; Plums, 11-qt. 25c to 50c; do. prunes, 11-qt. 75c to \$1.00; Quince, 6-qt. 30c to 50c; do. 11-qt. 50c to 85c; Beets, bag 75c to 90c; Cabbage, doz. 35c to 50c; Cauliflower, doz. 75c to \$1.50; Carrots, bag 75c to 90c; Celery, doz. 40c to 75c; Cucumbers, basket 50c to 75c; Eggplant 30c to 50c; Lettuce, head, box 50c to \$1.00; Onions, sack \$1.50 to \$3; Parsnips, bag 75c to 90c; Peppers, basket 25c

RADIO DEVELOPMENT

By LIEUT JOHN R. IRWIN
U S AIR SERVICE (RESERVE)

INDUCTANCE.

In mechanics it is well known that a piece of matter cannot set itself in motion and that energy must be supplied from outside. So in the electric circuit a current cannot set itself in motion, and energy must be supplied by some form of generator or other source of emf.

As an illustration of inductance we may take the following example: When a nail is forced into a piece of wood the mere weight of the hammer as it rests on the head of the nail will produce no effect. However, by raising the hammer and letting it acquire considerable speed the kinetic energy stored is large and when the motion of the hammer is stopped this energy is used in forcing the nail into the wood. In the electric circuit a cell with its small emf. can cause only a feeble spark. By including a piece of wire with many turns in the circuit, however, energy is stored. A small current will enable a large amount of energy to be stored in the magnetic field, if the inductance is large. Then when the current is broken and the field collapses this large amount of energy is released suddenly and a hot spark of considerable length is the result.

(Continued in next issue.)

APPARATUS AND DEVICES

By RALPH BROWN, RADIO ENGINEER
C.W. TRANSMITTING CONDENSERS.

The use of vacuum tubes as generators of radio frequency oscillators in radio telegraphy and telephony has brought about the need for comparatively small transmitting condensers, which will stand continuous operation with the voltages used on such tube sets.

Due to the far greater effectiveness of C. W. over spark methods of transmission, amperes for amperes in the antenna, ranges are obtainable with V. T. tube transmitters equal to those of spark sets of considerably higher power. A type of condenser specially developed for this type of transmission is shown in the illustration. It is made in a variety of values to serve in any circuit.



Will readers interested in these radio articles kindly communicate with the editor by mail?



THOSE DOGGING FOOTSTEPS.

The World: "I wish this beastly demon of war wouldn't keep dogging my footsteps."

—From the South Wales News (Cardiff, Wales.)



REMINING LAUDER OF EARLY LIFE.

Sir Harry Lauder is here seen chatting with David Gilmore, an ex-weighman, who weighed the last piece of coal hewn by Sir Harry before he gave up mining to go on the stage.



THRESHING GRAIN IN THE WEST.

A threshing scene in Manitoba, which is indicative of the general activity through the West just now.

to 35c; do. red 40c to 60c; Potatoes, bag 70c to 80c; Pumpkin, doz. \$1 to \$1.50; Squash, doz. 75c to \$1.25; Tomatoes, 11-qt. 30c to 50c; Turnips, bag 50c to 75c.

Bishop Bidwell at Tweed. Rt. Rev. E. J. Bidwell, Bishop of Ontario, officiated at the morning service Sunday morning in St. James' Church, Tweed.

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