NEWSY NOTES

By J. A. Clark, D.Sc.

SATURDAY WC

The University of Manitoba was al[illegible] to establish the Samuel Rosner Research chair in Agronomy through an endowment from the Bronfman family foundation, in memory of a Manitoba pioneer farmer, Samuel Rosner The National Research Council of Canada and the Manitoba Pool Elevators have since given financial support, in what is known as the "species building" program, under the direction of Professor L. H. Shebeski, head of the Plant Science Department of the University of Manitoba.

With the founding of the Rosner Chair, Dr. B. C. Jenkins, who heads the team of research workers, has associated with him Dr. Akira Mochizuki of Japan and Dr. M. Rommel of Germany. These plant breeder scientists, known as plant geneticists, are investigators who have studied heredity in plants and the way plants transmit their own characteristics from one generation to the next. One of the world's leading plant geneticists, Dr. H. Kihara of Japan, in 1923 discovered sex chromosomes in higher plants. He has since become recognized as a leader in the working out of hereditary relationships in connection with different members of the wheat family, and Dr. Mochizuki of the University of Manitoba is one who worked with Dr. Kihara in Japan.

WHAT ARE CHROMOSOMES?

Chromosomes are the carriers of all inherited characteristics from parents to offspring. They are contained in the cells of all living things, whether animals or plants. They can be seen and studied under high powered microscopes. Chromosomes are the vehicles or means whereby one generation of Clydesdale horses give birth to another generation of Clydesdale horses; or Marquis wheat when sown, produces a crop of Marquis wheat. It has been known for generations that the crossing of unlike species, such as the jackass and the mare, produced the mule, which is sterile and does not produce any offspring. In a post graduate class in plant breeding at MacDonald College, McGill University, thirty years ago we were told that: "Plant breeders could only make crosses and trust to chance to get desired results", and also that the progeny of cross - breds species of plants would be sterile and useless.

OVERCOMES STERILITY

The discovery that by the use of the chemical colchicine, it is now possible to overcome the barrier of sterility when two plants of different species, such as wheat and rye are crossed. This has opened up a whole new field of research for plant breeders. This technique or method makes possible the rearrranging of plant chromosomes, and factors that carry plant characteristics, so that plant breeders can build up plants that never existed before. By using this type of research or method, the plant breeders at the University of Manitoba are endeavoring to build new and better varieties of wheat, or a better sort of breadtype grain, for farmers.

Plant breeders are not satisfied with present wheat varieties, even though Canada's N. 1. hard, red spring wheats rank highest on the world's markets. They wonder if yields could be greatly increased, if drastic improvements could be made in disease and drought resistance, Can wheat be developed that will be as hardy and mature as quickly as some of the grasses or weeds, can a perennial wheat be secured? One of the very prolific plants grown, on the Altiplano of Bolivia, for its seed, looks very much like a gigantic lambsquarter, one of our common weeds.

NEW DEVELOPMENTS

They have already produced a hybrid of durum wheat and rye that has been grown successfully. It has shown great vigor of growth, has a head fully six inches in length by a half inch in width. A photograph shows forty spikelets one one side of the head of spike with a probable total of eighty spikelets, should each contain one or more kernels of grain, it certainly should be prolific. Then should the grain have the characteristics of rye it would be both larger and heavier than normal wheat. It may never be of commercial value, but it and new plants like it, could well supply chromosomes that may be required to produce most valuable varieties of grain in the future.

Tetra-Petkus rye is another new species of rye produced by this method. Kale and black mustard were crossed under Dr. Kihara's direction to produce a useful type of rape. Dr. Kihara by his advanced technique has also produced a seedless type of watermelon. This same method has been used by research scientists in Sweden to produce a very promising wheat-rye hybrid.

ORIGIN OF WHEAT

Investigators have traced the origin of wheat back to a wild wheat type of grass, called Eincorn, that was found, as seed, in the tombs of the Egyptian Pharoahs. It is now believed that a natural cross occurred between Eincorn and a wild grass that produced the first durum-type of wheat; and that centuries later this wheat was a parent in a natural cross with goat grass to produce the first of our bread-type wheat.

From this primitive type of bread-type wheat, both winter wheat and spring wheat developed and plant breeders since by selection and crossing have given the world the varieties of wheat that produces No. 1. Northern, hard red wheat for bread making, with varieties that are adapted to different climatic conditions and resistant to certain conditions, diseases and pests.

EXPECTATIONS

Dr. L H. Shebaski under whose direction the Rosner Chair functions said: "The fascination of species building lies in the possible development of plants far superior to the ones we now have."

Eskimo Wants Some Of The Comforts Of Civilization

By RICHARD ANCO
Canadian Press Staff Writer

CHURCHILL, Man. (CP) — A modern housing project, with buildings of varnished log siding and large windows almost typical of city developments, is under way near here for Eskimo families.

Behind the project is wiry Bill Kerr, a former RCMP officer in northern Canada who now is working with the Department of Northern Affairs.

He says Eskimos learn to be carpenters or electricians in half the time taken by a white man—and now are seeking some of the white man's luxuries.

NINE HOUSES BUILT

The housing project near this Hudson Bay town, 610 miles north of Winnipeg, is not large. Only nine houses were built this year and already nine Eskimo families are living in them. Six more are planned for next year as well as a fair-sized hospital where Eskimos returning from tuberculosis clinics at St. Boniface, Man., Brandon and The Pas, Man., will be rehabilitated.

The project even has the atmosphere of a modern development. Parka-clad, round-faced Eskimo children, willing models for any tourist's camera, run around the area with their husky dogs. Laundry, too, is strung out on lines behind the homes.

The men are skilled tradesmen, working at the Canadian joint services military base of Fort Churchill, six miles east of here. Most learned their trade at Fort Chimo, Que., in Ungava Bay where they worked with United States Army engineers and electricians.

When transferred to Fort Churchill, they insisted on bringing their families. The idea for Mr. Kerr's housing scheme followed.

RUN OWN AFFAIRS

The Eskimos will pay the same rent for the houses as white government employees—20 per cent of their wages. They will run their own affairs. Almost all of them can speak some English.

"The Eskimo has seen the white man's different way of life," Mr. Kerr says. "Dew line construction and development of other military centres in the North has given him a glimpse of the comforts of the white man. Now he wants some of them."

The work of the northern affairs official, who joined the department two years ago after 27 years with the RCMP of which 13 was spent in northern duty, also extends over the barren wasteland as far as the Arctic Circle.

Doctors and nurses were flown this summer to Chesterfield Inlet, 225 miles north, and Eskimo Point, 80 miles north, when a measles outbreak affected 200 persons at each settlement. There were four deaths at Chesterfield Inlet but they were older persons, Mr. Kerr says.

More than 250 transient Eskimos pass through Churchill each year, most of them returning to their homes in the north after TB treatment at southern clinics. Several, however, are kept here by the northern affairs department for a short time to make sure their disease has been overcome. More than 40 stayed here for rehabilitation last winter.

U.N. Told Another 10 Million Needed For Refugee Aid

UNITED NATIONS, N.Y. AP) At least another $10,000,000 and a lot more international co-operation will be needed to provide homes for the continuing flood of refugees from the Hungarian tragedy, the UN was told Thursday.

In a telegram to all members of the UN and several non-members as well, UN Secretary - General Dag Hammarskjold and James Read, deputy high commissioner for refugees, said the flow of refugees has exceeded all expectations.

Read said approximately 92,000 Hungarian refugees have arrived in Austria so far and only some 22,000 have been sent to new homes in other countries.

The message said it is considered likely "that not less than a further $10,000,000 will be required for meeting minimum needs for estimated 60,000 Hungarian refugees for next six months."

The telegram said that originally —as of Nov. 19—the estimated cost of care of refugees expected to remain in Austria for six months was $6,530,000. That was to provide for about 20,000 homeless.

Declares Sugar Combine Suspected

OTTAWA CP) — Any evidence of a sugar combine in Canada will be placed before combines investigator T. D. MacDonald, Justice Minister Garson said Thursday.

Stanley Knowles CCF - Winnipeg North Centre) said in the Commons that sugar prices have been increased "six or seven times" since the Suez crisis began. There was a strong suspicion a combine existed.

EATON'S

MONDAY DOLLAR DAY

STORE HOURS MONDAY
9 A. M. to 9 P. M.

MEN'S DIAMOND HOSE
Made from wool and nylon. Nylon reinforced heels and toes. Colours: grey blue green, navy, beige and brown. Sizes 10 to 12.
Dollar day Special, PAIR $1

CHILDREN'S LONG HOSE
Cotton and wool knit in 1/1 rib, reinforced heel and toe for longer wear. Fawn colour only. Sizes 5 to 10.
Dollar Day Special, 2 PAIR $1

51 GAUGE 15 DENIER NYLONS
Full fashioned nylons suitable for everyday wear. Fall shades. Sizes 9 to 11. Substandards.
Dollar day Special, 2 PAIR $1

66 GAUGE 12 DENIER NYLONS
First quality full fashioned nylons—popular for evening wear. Blush beige. Sizes 8½ to 11.
Dollar Day Special, PAIR $1

WOMEN'S FABRIC GLOVES
Attractive styles and patterns in wrist length. Some have insewn seams and some have whip stitched seams. Colours: white black, turquoise, navy, pink, green, blue brown, green, beige. Not every colour in each size.
Dollar Day Special, PAIR $1

MEN'S NYLON STRETCHIES
In plain and fancy styles. Stretch to fit any size. Substandards. Colours: wine navy, brown, green, beige, grey.
Dollar Day Special, 2 PAIR $1

MISSES' GLOVES
Made from 70% angora and 30% wool. Made in Italy. Colours: blue, white, red. Sizes 4 to 7.
Dollar day Special, PAIR $1

MEN'S WORK SOCKS
Made of wool and cotton with nylon reinforced heel and toe. Colour grey mix with white heel and toe. Standard medium size.
Dollar day Special, 2 PAIR $1

BOYS' COMBINATIONS
Fleeced lined combinations with long sleeves — ankle length. Sizes 2, 4 and 6. Seconds.
Dollar day Special, SUIT $1

CHILDREN'S CORDUROY OVERALLS
Bib style overalls and boxer longs. Colours: red, navy, brown and green. Sizes 2, 4 and 6.
Dollar day Special, PAIR $1

INFANT'S GOWNS
Flannelette gowns in white only.
Dollar day Special, 2 FOR $1

CHILDREN'S BLOOMERS
Winter weight cotton bloomers with elastic at waist and knees. Sizes 2, 4 and 6.
Dollar day Special, 2 PAIR $1

GIRLS' BLOOMERS
Winter weight cotton bloomers with rayon stripe, elastic at waist and knees. Sizes 8, 10, 14.
Dollar day Special, 2 PAIR $1

BOYS' WHITE SHIRTS
Cotton dress shirts with bow tie, cuff links. Sizes 2, 4 and 6.
Dollar day Special, SET $1

WOMEN'S COTTON APRONS
Cotton print bib style aprons with contrasting binding.
Dollar day Special, 2 FOR $1

CHILDREN'S PLEATED SKIRTS
All-round pleats, self waistband, zipper closing. Removable shoulder straps. Colours: medium grey. Sizes 2, 4 and 6.
Dollar day Special, EACH $1

GIRLS' BLOUSES
Clearance—Nylon and cotton blouses in assorted styles and colours. Sizes 8 to 14.
Dollar Day Special EACH $1

BABY BLANKETS
Substandards— cotton eiderdown. Size about 30x36". Colours: pink or blue with animal figures
Dollar day Special, EACH $1

CHILDREN'S COTTON BLOUSES
Substandards, assorted styles mostly white. Sizes 2, 4 and 6.
Dollar Day Special, EACH $1

CHILDREN'S "T" SHIRTS
Long sleeve shirts in attractive stripes. Sizes 2, 4 and 6.
Dollar day Special, EACH $1

TODDLER'S "T" SHIRTS
Long sleeves, round rib neck and cuff. Assorted colours. Sizes 2, 3 and 4.
Dollar day Special, 2 FOR $1

FLEECE LINED POLO-JAMAS & SLEEPERS
Colours pink and blue. Sizes 1 to 4.
Dollar day Special, PAIR $1

WOMEN'S RAYON BRIEFS
Nylon embroidered side panels with lace edging or plain. Colours: pink, blue and white. Sizes samll, medium and large.
Dollar day Special, 2 PAIR $1

WOMEN'S RAYON BRIEFS
Styled with elastic at thigh or cuff thigh. Colours: pink, blue, maize, orchid and white. Sizes small, medium and large.
Dollar day Special, 2 PAIR $1

WOMEN'S SLIPS
Rayon slips lace trim at bodice and hem. Sizes 32 to 42.
Dollar day Special, EACH $1

GIRDLES
Pull-on style, two way stretch. Sizes small medium and large.
Dollar day Special, EACH $1

WOMEN'S OVERSIZE BRIEFS
Good quality rayon tricot cuff briefs in oversize. Colours: pink, blue and white. Also flare leg panties.
Dollar day Special, 2 PAIR $1

TODDLERS CORDUROY CRAWLERS
Come in assorted pastel and dark shades. (snap fastener inside leg). Sizes 1 to 3x.
Dollar day Special, EACH $1

WOMEN'S BED JACKETS
Rayon jackets (seconds) in assorted styles and colours. Sizes small, medium and large.
Dollar day Special, EACH $1

MEN'S GIFT SETS
Containing one tube of shaving cream and one 5 oz. bottle of shave lotion. Nicely boxed.
Dollar day Special, SET $1

FACIAL TISSUES
Box containing 600 single sheets of good quality tissue.
Dollar day Special, 2 FOR $1

TOILET TISSUE
Good quality M. D. toilet tissue.
Dollar day Special, 8 ROLLS $1

REPARTEE COLOGNE
Large bottle of cologne with a delightful scent.
Dollar day Special, EACH $1

PINE BATH OIL
Bottle containing 8 oz. bath oil concentrate will soften and perfume the hardest water.
Dollar day Special, EACH $1

TV CUP & PLATE
Made of white china decorated with assorted fruit design and edged with gold trim.
Dollar day Special, EACH $1

CUPS AND SAUCERS
Blue Willow design cups and saucers.
Dollar day Special, 4 FOR $1

CIGARETTE LIGHTERS
Chromium plated lighters — various designs.
Dollar day Special, EACH $1

WALLETS
Various styles with dome change purse.
Dollar day Special, EACH $1

PEN AND PENCIL SETS
Fountain pen and mechanical pencil set nicely boxed for Christmas giving.
Dollar day Special, SET $1

STORY BOOKS
Pop-up story books with colourful illustrations and short story.
Dollar day Special, 2 FOR $1

SCRIBBLER SETS
Attractively wrapped in cellophane containing 9 articles.
Dollar day Special, 2 SETS FOR $1

WOMEN'S SLIPPERS
Leather moccasin style slippers with fur trim. Red and blue. Sizes 4 to 9.
Dollar day Special, PAIR $1

SATIN SCUFFIES
Satin tops with attractive colourful design. Simulated leather insole and soft leather bottom. Sizes 5 to 8. Colours: red, blue and black.
Dollar day Special, PAIR $1

PLASTIC TABLE MATS
More protection for your table—easy to clean. Colours: cream, green, white, dusty rose. Size about 11"x17".
Dollar day Special, 6 FOR $1

DOUBLE ORANGE CRATE COVERS
Quilted top with plain sides. Colours green, yellow and blue.
Dollar day Special, EACH $1

WOMEN'S BLOUSES
Tailored blousettes of sanforized cotton. Short sleeves with bias tape trim. White and assorted colours. Sizes 12 to 20.
Dollar day Special, EACH $1

BEADED COLLARS
Dress up your sweaters with beaded collar. Made of gleaming simulated pearls on satin back.
Dollar day Special, EACH $1

HEAD SQUARES
Real silk headsquares with hand rolled hems. Nice for Christmas giving. Assorted colors. About 32" square.
Dollar day Special, EACH $1

WOMEN'S HANDKERCHIEFS
An assortment of women's handkerchiefs— pink, white coloured and floral patterns. Regular sizes.
Dollar day Special, 10 FOR $1

BOYS' SHIRTS
Cotton flannelette shirts in attractive plaid designs. Sizes small, medium and large.
Dollar day Special, EACH $1

MEN'S JERSEYS AND DRAWERS
Short sleeve jerseys. Drawers have elastic at waist. Sizes small, medium and large.
Dollar day Special, EACH $1

BOYS' SWEATERS
Crew neck style sweaters, long sleeves. Sizes small, medium and large. Assorted colours.
Dollar day Special, EACH $1

"DAVY CROCKETT" SHIRTS
Boys' sweat shirts with long sleeves. V neck. Sizes small, medium and large.
Dollar day Special, EACH $1

MEN'S CAPS
Caps with ear-lugs for cold weather wear. Sizes 6 3-8 to 7.
Dollar day Special, EACH $1

SCARVES
An assortment of white and plaid scarves. Ideal for Christmas giving.
Dollar day Special, EACH $1

BOYS' BRACES
Both clip and leather ends. Assorted colours.
Dollar day Special, 2 FOR $1

MEN'S AND BOYS' LEATHER BELTS
Assorted colours and sizes.
Dollar day Special, EACH $1

TEA TOWELS
Linen tea towels about 16"x29".
Dollar day Special, 2 FOR $1

TEA TOWELS
Plaid cotton tea towels about 17"x29".
Dollar day Special, 3 FOR $1

TABLE CLOTHS
Rayon, cotton table cloths about 36" square.
Dollar day Special, EACH $1

LARGE TABLE CLOTHS
Plaid rayon table cloth about 50"x66".
Dollar day Special, EACH $1

PILLOW CASES
Plain hemmed percale cases about 42"x33"
Dollar day Special, PAIR $1

PLASTIC TABLE CLOTHS
About 54" square. Easy to clean.
Dollar day Special, EACH $1

UNBLEACHED COTTON
Unbleached cotton. About 35" wide.
Dollar day Special, 4 YARDS $1

PILLOW CASES
Bleached cotton cases about 42"x28". Zipper closing.
Dollar day Special, PAIR $1

FACE CLOTHS
Checked terry face cloths about 12" square.
Dollar day Special, 7 FOR $1

TERRY TOWELS
Checked terry towels about 20"x40".
Dollar Day Special, PAIR $1

UNBLEACHED SHEETING
About 80" wide.
Dollar day Special, YARD $1

BLEACHED SHEETING
About 80" wide.
Dollar day Special, YARD $1

EMBROIDERED PILLOW CASES
Cotton pillow cases about 42"x33".
Dollar day Special, PAIR $1

PINWALE CORDUROY
Suitable for dresses, jumpers, etc. Colours: wine, blue, green, royal, navy and rust. About 36" wide.
Dollar day Special, YARD $1

COTTON PRINT
Mill ends—for dresses, and household use. Assorted patterns and colours. About 36" wide.
Dollar day Special, 3 YARDS $1

FLANNELETTE
White flannelette about 36" wide.
Dollar day Special, 3 YARDS $1

PRINTED FLANNELETTE
About 36" wide—for pyjamas, etc.
Dollar Day Special, 2 YARDS $1

PLAIN COTTON
Mill ends—assorted colours. About 36" wide.
Dollar day Special, 3 YARDS $1

COTTON GINGHAM
English gingham for dresses, aprons, etc. Both ¼" check and ½" check. Colours in the group include mauve, yellow, blue, green with white.
Dollar day Special, 2 YARDS $1

PASTEL SHEETING
About 72" wide cotton sheeting. Colours: pink, blue and green.
Dollar day Special, YARD $1

BOW AND ARROW SETS
Robin Hood bow and arrow set. Plastic bow 20" long, 2 arrows, 1 whistling arrow.
Dollar day Special, SET $1

FLAG FIRE ENGINE
When in motion flag raises, siren rings.
Dollar day Special, EACH $1

HUMMING TOP
Large colourful top that hums when spinning.
Dollar day Special, EACH $1

SHOOTING GAME
Redskin shooting game includes gun with two darts.
Dollar day Special, EACH $1

TREE STAND
Heavy gauge steel holds tree erect and safe. Water reservoir to help keep tree fresh.
Dollar day Special, EACH $1

CHRISTMAS WREATH
Wreath with electric candle.
Dollar day Special, EACH $1

TRAIN PULL TOY
Wooden construction—3 piece take apart. Lots of fun for the youngster.
Dollar day Special, EACH $1

COCA MATS
About 14"x24"—very useful for doorway.
Dollar day Special, EACH $1

RUBBER MATS
Rubber mats for use around sink, doorway and other places. About 12"x14".
Dollar day Special, EACH $1

PLASTIC DRAPES
Assorted patterns and colours. Size 27"x84".
Dollar day Special, PAIR $1

BARKCLOTH
About 36" wide. Colours: grey, natural and yellow background with assorted patterns.
Dollar day Special, YARD $1

LINING
About 40" wide—Navy colour.
Dollar day Special, YARD $1

PLASTIC TUMBLERS
Set of six tumblers 5 oz. size. Assorted colours.
Dollar day Special, SET $1

COOKIE CUTTERS
Aluminum cutters and jelly moulds. Your choice.
Dollar day Special 10 FOR $1

HEAVY MIRROR
With star-shaped plastic rosettes. Polished sheet glass with pie crust edge. Sizes: 12" square, 9"x16" and 10"x14".
Dollar day Special, EACH $1

CLOTHES BASKET
Wicker basket strongly made. About 22"x17"x8½".
Dollar day Special, EACH $1

CHILD'S SET
Knife, fork and spoon set in nickel-silver plate.
Dollar day Special, SET $1

ENAMEL PAIL
Capacity about 9½ quarts. Diameter 11". Wire bail handle. Red trimmings.
Dollar day Special, EACH $1

STILLSON WRENCH
Drop forged steel. Reinforced jaw. About 8" long.
Dollar day Special, EACH $1

FLEXIBLE SCREW-DRIVER
For hard to get places. Plastic handle.
Dollar day Special, EACH $1

COASTER SET
8 matching trays. Floral design.
Dollar day Special, SET $1

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