

# THAT SHORT Money!

Days August 3-4-5-6

**49c BREAD** GOLDEN RANCH WHITE OR WHEAT REG. LOAF **19c**

**SODA POP** 12-OZ. CANS All Varieties **89c**

**PIES** FRUIT or CREAM JOHNSTON LARGE 9-INCH PIES **59c**  
Frozen Assorted Flavors

**37c** ZEE TISSUE ROLLS MAGIC CHEF PAPER PRICES **19c** Scott Towels 150 Count

**25c** Assorted Colors **25c** keeps them fresh. **29c** it a family favorite. # 303 Can **25c** CUCCHINI 6 oz. Can **5c** Juice

**25c** TONE CHES lbs.

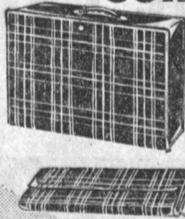
ct for Slicing **25c** TOES **25c** for Your Salads **25c** heads

## THERMO SALAD BOWL

In Styrene insulated plastic. Bright cheerful green bowl with black base will keep salads cooler, crisper much longer. They're pretty and practical backgrounds for fresh fruit and cereal too. You'll want at least a dozen!

**2 FOR 39c**

## HANDY TRAVEL COMPANION



You'll never know how you traveled without one! Lightweight, water-proof bag comes in assorted plaids. Perfect for packing many odds and ends a vacationing family needs such as swimsuits, your cosmetics or baby's necessities. Folds flat for easy storage.

**\$2.99**

LOCAL GROWN GRADE "A" 2 1/2 to 3 lb. Average



MAGIC CHEF GUARANTEED MEATS

## FRESH FRYERS

WHOLE BODIED **25c/lb**

GRAND TASTE Quality and Flavorful

## BONELESS ROLLED HAM 69c/lb

U.S.D.A. "CHOICE" Steer Beef

**RIB STEAKS** SHORT CUT WELL TRIMMED **89c/lb**

U.S.D.A. "CHOICE" STANDING

**RIB ROASTS** OVEN READY STEER BEEF **79c/lb**

U.S.D.A. Government Graded "CHOICE" Lean-N-Meaty **CHOICE SHORT RIBS 33c/lb.**

SWIFT'S PREMIUM **SLICED BACON** Pound Package **59c**

Superior Brand **Breaded Shrimp** 1 1/2 lb. Package **\$1.09**

Ready to Cook **Fresh Barracuda** Sliced 49c lb. **39c/lb.**

Sliced Northern **Halibut Steaks** Center Cut **59c/lb.**

Ruben's Quality **KNOCKWURST** Regularly 89c lb. **69c/lb.** HOME MADE **MEAT LOAF** Regular 98c value **79c/lb.**



SOUTH PACIFIC **LAYER CAKE** Regular 98c **89c** PRUNE FILLED RING—DANISH Reg. 79c **59c** **COFFEE CAKE**

Del Amo Shopping Center Corner of Hawthorne & Sepulveda

# MAGIC CHEF



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### Authority Finds Cause of Cancer

In view of the evidence on origin of cancer in animals, it now would be difficult to assume that cancer in humans is of different origin, and authority in this field of research said today.

In a new book written for scientists and physicians, Dr. Ludwik Gross of the Bronx, N. Y., Veterans Administration hospital and Sloan-Kettering Institute said it now is quite apparent that most of malignant tumors of chickens and the great majority of the malignant tumors of mice are caused by viruses.

"It is thus quite possible, perhaps even probable, that malignant tumors in various animal species, including humans, are also caused by viruses," Dr. Gross said.

#### SUSCEPTIBLE

He demonstrated in 1951 that newborn mice of a strain susceptible to leukemia became sick with leukemia when they were inoculated with filtrates prepared from tissues of leukemic mice.

This observation, now confirmed in several laboratories, established the virus origin of lymphatic mouse leukemia.

#### OBSERVATION

In 1953, Dr. Gross observed that among mice that had been inoculated shortly after birth with filtrates from tissues of leukemic mice, some developed two kinds of cancer, parotid gland carcinomas and subcutaneous fibrosarcomas, instead of developing leukemia.

He determined in further studies that these malignant tumors were induced by a cancer-causing virus distinct from leukemia virus, but present in the filtrates from leukemic mice.

More recently, Dr. Gross induced leukemia in mice of an otherwise low-leukemic strain, by irradiating their entire bodies with x-rays.

Filtrates prepared from tissues of mice with the radiation-enhanced leukemia reproduced this disease when inoculated into newborn mice. The leukemia-causing agent released from previously normal mouse tissues by x-ray irradiation could thus be passed from one animal to another, reproducing leukemia.

#### HAPPY HEDGES . . .

### Hedge Growers Receive Hints

If you can take a hedge or leave it alone, stop reading here. But if you take pride in a clipped row of green and appreciate its contribution to the landscape, read on. There are ways to keep a hedgerow happy which you should know about.

First comes the matter of clipping. According to the California Association of Nurserymen, only about one in a hundred gardeners really does the job right. The important thing with a formally clipped hedge is to clip it to a pyramidal shape so that the base is wider than the top. This permits the lower branches of the hedge to absorb the maximum amount of sunlight and stay healthy and dense, rather than thinly foliated and rangy. You can either round the top or shear it flat. It really doesn't make much difference.

#### FORMAL LOOK

If you seek the strictly formal look of traditional gardens, you have to insure that the top is evenly trimmed and level from one end of the hedge to the other.

It's a simple matter to do this if you stretch a string tightly between two stakes at the height you want your hedges since slight variations show more.

#### FEEDING

The other matters of importance to happy hedges are water and food. Few gardeners seem to realize that most hedges like plenty of water and at least one annual feeding. This is no problem where the hedge is next to lawn or flower bed, but many hedges that border a drive or mark a boundary see no water from one rain to the next. A long canvas soaker stretched out at the roots insures through soaking. As for food, use a complete fertilizer in spring or early summer.

Hedge materials vary widely with the private family leading the way. You will want to decide whether you need a high or low hedge, a formal or informal hedge, a windbreak or screen. After determining this, let your C.A.N. nurseryman take it from there.



**SEA BOUND**—True adventure television star Bill Burrud takes time out from filmmaking to check his gear for an underwater spearfishing expedition. The travel-watersports personality will appear with other celebrities at the 1961 Pacific Coast Skindiving Show August 4, 5 and 6 at the Civic Auditorium in Santa Monica.

### Scientists Probe Pituitary Gland

Something in the pituitary gland at the base of the brain apparently controls the growth and spread of body-invading cancers, particularly in the liver, a research team of brothers from the University of Pittsburgh School of Medicine and the Veteran's Administration general medical and surgical hospital said today.

They are Dr. Bernard Fisher, 43, professor surgery at the medical school, and Dr. Edwin R. Fisher, 38, pathology chief at the VA hospital and professor of pathology at the medical school.

Although the work was done in animals, the two doctors said comparisons can be drawn to coincide with their clinical experience in humans.

#### UNKNOWN SUBSTANCE

Using some 1000 rats in their studies, they have shown that some yet-unknown substance in the pituitary does control in some way the spread of cancer through the blood stream, particularly to the liver.

The team for nearly four years has been trying to learn why cancers in some persons metastasize and cancers in other persons do not. The liver is the organ of the body in which metastasis most commonly develops.

It is not the cancer at the original site that is so deadly to persons with this disease, when it is discovered soon enough to be removed. It is the spread of cancer by metastasis to other organs that too often kills.

#### EXPERIMENTS

In a series of animal experiments, the Drs. Fisher found that when the pituitary gland was untouched cancer spread to the liver in a 42 percent proportion after two weeks and in a 55 percent proportion after three weeks; but when the pituitary had been removed by surgery, cancer did not spread to the liver at all in two weeks and spread to the liver in only six percent after three weeks.

In animals in which the pituitary had been removed, replacement of any of the presently known pituitary hormones with which the two doctors had the opportunity to work did not promote the spread of cancer. Yet injection of an extract of pituitary gland did.

#### FACTORS

"The evidence suggests that there may be a particular factor, or factors, elaborated by the pituitary which control the growth of metastatic cancerous deposits within the liver," Dr. Edwin said.

Isolation of a hormone or hormones in the pituitary gland that would do this might open the way to tailormaking drugs to combat cancer growth and spread and thus control the disease.

#### FINDINGS

The two brothers presented their findings at an international symposium at the Detroit Institute of Cancer Research, at Henry Ford Hospital recently.

Dr. Edwin is one of the nation's first research workers to actually demonstrate the presence of circulating cancer cells in the blood stream. This was done about six years ago.

Support for the brothers' joint cancer research comes from American Cancer Society grants and from the National Institutes of Health.