

Fertilizers Chief Reason For Abundance of Foods

By **OLD KNIGHT**
Every day eight to ten thousand new Americans answer the call to the dining table. And they need about a little fear, generally, about seconds. Even with only 8 per cent of the nation's people manning its farms, there is little question of America's ability to feed itself.

By contrast, half the population of Russia tills the soil and yet the country does not raise enough to feed itself. While there is no one answer, the reasons for America's superiority in farming include better seed, bigger farms, use of pesticides and, most important of all, the growing use of fertilizer.

The first arrivals from Europe were taught by the Indians to fertilize by dropping a fish in each hill of seed corn. Today the fertilizer industry here produces some 30 million tons of plant food a year and has an annual growth of around nine per cent.

"A dollar's worth of fertilizer," the industry contends, "will bring an extra \$3 worth of farm crops."

DIVIDEND ACTION—When directors of ACF Industries, Inc., recently declared the regular quarterly dividend of 62½ cents, they also voted an additional 10-cent payment described as a "quarterly extra."

William T. Taylor, board chairman, said quarterly extra dividends will be paid while the company continues to profit from the increasingly brisk demand for railroad rolling stock, which in the past has been a cyclical element of ACF's business.

"Four previous dividends increased that served to double the rate paid prior to May, 1963," he said, "have been made possible by a protracted rise in the company's total earnings. The resulting \$2.50 regular annual rate is consistent with the board's announced policy of gauging the dividend to estimated average earnings of a reasonable future period to provide a continuity of payments generally desired in an investment stock."

Taylor said that the quarterly extra derived from a new upward revision of earnings projections for the current fiscal year ending April 30, 1965, and "from the board's conviction that with-out departure from this philosophy, exceptionally high earnings from the cyclical part of the total business in a specific year should be reflected in extra dividends de-

clared and paid on a quarterly basis."

LIFE ON MARS?—It will be at least five years before the National Aeronautics and Space Administration can confirm what a Florida teenager has already shown to be a distinct possibility—that there is life on the planet Mars.

Eighteen-year-old Judith Herr, a pert, blue-eyed freshman at Florida State University, Tallahassee, has established living plants in a closed atmosphere as close to that of Mars as earth science can make it.

The girl's experiments have resulted in major awards and recognition from state and national science fairs, NASA and now, television. She'll be featured in Honeywell's "Science All Stars" program, which recognizes only those youngsters who have demonstrated outstanding talents in science or engineering.

Why eat hamburger when you can enjoy STEAK FOR THE SAME PRICE ... or less
High Protein... Low Calorie... Perfect for Sandwiches



SCIENCE NEWS—Industries using hydrocarbons, chlorinated hydrocarbons, aromatics, ammonias, amines and volatile acids now have available an "electronic bloodhound" for detection of vapors from such substances at levels as low as 10 parts per million. The new unit is usable in research labs, chemical laboratories and in any other application where such vapors are utilized. Continuously sniffing the air, the unit flashes a warning signal, turns on ventilating fans and

takes whatever other action has been programmed. . . . Hemophiliacs, or "bleeders" as they are known, are today leading nearly normal lives, thanks to better knowledge about this affliction. For instance, it is now known that at least 11 factors are involved in clotting of blood and that absence of Factors VIII or IX are the usual cause of hemophilia. Recent studies show that if Factor VIII is administered at birth, the child may never become a bleeder. . . . Although without any immediate medical application, the recent success of biochemists in getting a virus to reproduce its disease-causing elements outside a living cell may lead to eventual better understanding and control of viral diseases.

THINGS TO COME—A new utility saw that cuts "almost anything" including nuts, bolts, sheet metal, pipe and tube, angle iron, plastic and even wood. . . . Household cleaning mitt of terry cloth and sponge rubber that com-

bins the best features of a sponge and brush. . . . Rubber heat-proof drainer for dishes and glassware, with an aluminum top tray. . . . New dry ice storage container to be supplied by manufacturers and distributors of dry ice to their customers. Holds 72 55-pound cakes. . . . For picnics, camping trips and summer cottages without electricity: new butane-powered, twin-mantle lamp that gives light equivalent to 75-watt bulb.

BITS O' BUSINESS—Toy sales in 1964 are expected to show a 4 per cent rise, to \$1,185,000,000 from \$1,141,000,000 in 1963. . . . The New Year is expected to be a good one for appliance sales with a predicted 3.3 per cent gain to \$1,840,000,000. . . . A leading industry executive has forecast an annual auto sales volume in the neighborhood of 10 million cars by the early 1970s. . . . With furniture demand steadily rising, 1965 may produce a record sales volume in excess of \$6 billion, compared with about \$5.78 billion in 1964.

Fill a Cart With Market Basket Bargains!

Elberta Peaches DEL MONTE SLICED OR HALVES	24-OZ. CAN 4 FOR	88¢
Cling Peaches	24-OZ. CAN 4 FOR	
Applesauce APPLELAND	24-OZ. JAR 3 FOR	
Fruit Cocktail HILLCREST	24-OZ. CAN 5 FOR	
Apple Juice HILLCREST	QUART BOTTLE 4 FOR	
Tomato Juice HILLCREST	48-OZ. CAN 4 FOR	
Tomato Sauce DEL MONTE	8-OZ. CAN 12 FOR	

Early Garden Peas DEL MONTE	17-OZ. CAN 4 FOR	88¢
Cut Green Beans HILLCREST	16-OZ. CAN 6 FOR	
Cream Style Corn HILLCREST GOLDEN	17-OZ. CAN 6 FOR	
Whole Kernel Corn HILLCREST	17-OZ. CAN 6 FOR	
Sliced Beets HILLCREST	16-OZ. CAN 6 FOR	
Corned Beef Hash ARMOUR (INCLUDES 4¢ OFF)	15½-OZ. CAN 3 FOR	
Pork and Beans LIBBY'S	31-OZ. CAN 4 FOR	

Hillcrest Beverages REGULAR OR LOW CALORIE	12-OZ. CAN 12 FOR	88¢
Del Monte Catsup MADE WITH PINEAPPLE DISTILLED VINEGAR	16-OZ. BOT. 6 FOR	
Tiger Shake DELICIOUS TREAT	8-OZ. PBL. 2 FOR	
Cheese Pizza Mix CHEF BOY-AR-DEE	25¼-OZ. PBL. 2 FOR	
Miracle Margarine DELICIOUS SPREAD	16-OZ. CTN. 3 FOR	
Liquid Bleach MARKET BASKET	1½-GALLON BOTTLE 4 FOR	
Dog or Cat Food OLD	75¼-OZ. CAN 7 FOR	

Lustre Curl Hair Spray 20-OZ. FAMILY SIZE CAN	1 FOR	88¢
Cotton Dish Cloths WAFFLE WEAVE, HEAVY DUTY, 100% COTTON 15"X15"	8 FOR	
Notebook Filler Paper COLLEGE OR WIDE RULED, PACKAGE OF 300 SHEETS	2 FOR	
Bufferin Tablets MODERN DRUG FOR PAIN RELIEF, REG. \$1.29	BOTTLE OF 100 TABLETS	
Hide Cat Litter REGULAR 80¢	5½-LB. BAG 2 FOR	



ART AWARDS PROGRAM . . . Don Williams, art supervisor for the Los Angeles City Schools, and Marcus Tully, publicity director for Bullock's Downtown, look at one of the first entries in the 19th annual Scholastic Art Awards contest. The contest, open to junior and senior high school students, is co-sponsored by Bullock's Downtown. Williams is chairman of the 1965 awards.

Scholastic Art Awards Area Students To Participate

Competition in the 19th annual Scholastic Art Awards is now open to junior and senior high school students throughout Southern California, according to Don Williams, art supervisor for the Los Angeles City Schools and chairman of the 1965 competition. More than 6,000 entries are expected from students in a nine-county region.

The Regional Advisory Committee, headed by Williams, will name a jury of artists and art critics to judge the entries. About 1,000 of the entries will be selected for exhibition at Bullock's Downtown, regional co-sponsor, for two weeks beginning Feb. 13.

From the 1,000 selected for display, judges will award the traditional gold keys of achievement to 300 of the best entries and 200 will be selected as finalists for entry in the 38th National Scholastic Art Awards later in the year. Honors in the national competition include scholarships, gold medals, cash awards, and display in the National High School Art Exhibition in New York City. Arts and crafts in 19 different classifications and two divisions of photography are presented in the entries now being received by Bullock's Downtown, Williams said.

Businesses Get Forms

Requests for information to be included in the new Dun and Bradstreet Reference Book have been mailed to 77,109 manufacturers, wholesalers, and retailers in Los Angeles County.

The figure was obtained through a physical count of business concerns in the county, according to James L. Gravlee, regional manager for the Dun and Bradstreet Los Angeles office.

The reference books list those concerns who seek or grant commercial credit, but does not include some services and professional businesses such as barber shops, beauty salons, security dealers, or real estate brokers. The information forms were mailed to 1,153 firms in Torrance.

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- FRESH GROUND ROUND . . . 69¢
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- Rib Lamb Chops . . . 89¢
- U.S.D.A. CHOICE
- Large Loin Lamb Chops . . . 89¢
- U.S.D.A. CHOICE
- Small Loin Lamb Chops . . . 91¢
- MARKET BASKET SEWERS
- Pork Link Sausage 4 3-OZ. PKGS. 91¢
- MRS. FRIDAY'S FROZEN
- Breaded Shrimp 8-OZ. PBL. 57¢
- MRS. FRIDAY'S FROZEN
- Breaded Shrimp 1½-LB. PBL. 91¢
- MRS. FRIDAY'S FROZEN
- Green Shrimp 8-OZ. PBL. 67¢
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FRESH LEAN

GROUND BEEF

39¢

1 LB.

- U.S.D.A. GRADED CHOICE BEEF
- 7-Bone Roast** . . . 39¢
- U.S.D.A. CHOICE BEEF SHOULDER CLOD
- Boneless Roast** . . . 79¢
- EASTERN GRAIN FED LARGE LOIN OR RIB PORTION (FAMILY PACK)
- Pork Chops** . . . 59¢

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- OSCAR MAYER All Beef Franks 1-LB. PKG. 59¢
- CENTRAL Tillamook Cheese 1-LB. 69¢
- MORSEY Jack Cheese 1-LB. 59¢
- BETTY CROCKER CHOCOLATE CHIP, OATMEAL OR SUGAR COOKIES 1-LB. 39¢
- HYGRADE Chipped Beef 3-OZ. PKGS. 79¢
- HYGRADE Chipped Ham 3-OZ. PKGS. 79¢
- HYGRADE CHIPPEN Corned Beef 3-OZ. PKGS. 79¢
- MARKET BASKET COLE SLAW, HEALTH OR 14-OZ. CTN. 29¢
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