#### Food from Solar Energy makes plants green and converts chemicals into cell substances with the aid of light. Within Two Years Goal Of Stanford Scientists

PALO ALTO, Calif. — AP — out the technical and engineer.

Within two years Stanford Uni-ing details which will give the green. Then the harvest starts. versity scientists expect to be greatest yield for the smallest Automatic controls drain off able to show hungry peoples expenditure of materials and some of the chlorella-laden waaround the world how to use sun-light to produce nutritious food cheaply and in great quantities. energy. Some minor scientific prob-cheaply and in great quantities. energy. ter and add more clear spiked water to the tank. From the drained water the chlorella is

They have worked out a comparatively large-scale method of controlling the process of photographics. This is the project, the researchers stance with a 50 percent protein stance with a 50 percent protein tosynthesis. This is the process should have enough data to content.



tosynthesis. This is the process by which plants use sunlight to convert water, carbon and a few other simple chemicals into the tissues of which all living things are made.

All the major scientific problems have been licked. The remaining job mainly is to work

All the major scientific problems have been licked. The remaining job mainly is to work

This is the process should have enough data to launch this spectacular undertaking on an industrial basis.

Just now the scientists are starting their first small pilot contains all the amino acids necessary for human and most animal growth. There is one drawback. It tastes like alfalfa. But the operators have produced in a few hours the essential food of man and beast. They

ers will put something less than tial food of man and beast. They have done it without soil, withbeen "spiked" with a few ounces out labor and without waiting of nitrates and a few pinches of through a growing season. They minerals such as magnesium, iron and sulfur compounds. iron and sulfur compounds.

A few hundred little green one-celled plants, too small to be seen individually, will be dumped into the tanks. Small pumps will stir the water and add carbon dioxide now and la every three days. But the more conventional agriculture.

Since the Stanford pilot plant is small, the yield will be limited. Each tank, 10 feet long and 4 feet wide, should produce about one pound of dry chloreladd carbon dioxide now and add carbon dioxide now and la every three days. But the procthen. Sunlight will do the rest. ess is continuous. The chlorel-These little plants are a type is in the tanks keep on growing of algae or seaweed called chlosindefinitely. Only the surplus is

SOFT-TOE PUMP by Naturalizer is the famous closed-toe Opera with the beau-

tiful ease of an open

toe shoe. Won't pinch

at the toe, gap at the

side, slip at the heel. Black and Navy,

uede or calf.

rella pyrenoidosa. Each contains harvested and the flow of surplus never stops. Once the engineering plans are worked out, tanks may be built hundreds of times larger and in some places but their essential ingredient, nitrogen, can be tial ingredient, nitrogen, can be the sir if

chlorophyll, the stuff which

As it is, the pilot tanks should experimental feeding of chickens with chlorella in a couple of months, Cook said. It already is being used in test feeding of labelengused in test feeding of chickens where is not much or a problem. The same water can be used over and over, with the addition of a little extra now and then. The sunshine is free. So be producing enough to start the

The raw materials for chlorella production are available almost everywhere. Nitrates pernaps are the greatest problem

The walls of the cells soak up a little of the spiked water. When sunlight strikes them their chlorophyll goes to work. Soon the cell gets so big it splits in half and forms two complete cells. This goes on at a great ter and add more clear spiked

Fidelity Link Plans Benefit Program

Fidelity Link No. 11, Order of the Golden Chain, will conduct a country fair and square dance on Sunday night at 8 o'clock in Hano Auditorium of Har Sinai Temple. The public is invited. Proceeds will be

nowhere else.

laboratory at Stanford.

turned over to the Link's local milk fund and to the camp for underprivileged children at Blairstown in Warren County. Assisting with the plans are, seated left to right, Miss Anne Goldstein, worthy matron of

the Link; Mrs. Milton Haveson, general chairman of the program, and Mrs. Irvin

Manulkin. Standing are Irvin Manulkin (left) and Maurice Cohn, worthy patron and co-chairman.

# obtained even from the air is At State Parks

This versatility of chlorella cancelled.

tion charge for boats and camp- are invited to attend. The Stanford scientists will sites.

production costs but concede first served basis, are free when water, but it falls to several hunthat at the outset at least the a parking charge is collected. This dred degrees below zero at protein they produce will be applies to Cheesequake, Hackle-night. more expensive than that pro-barney, Hopatcong, Ringwood duced by conventional farm Manor and Swartswood Parks and Parvin Grove at Parvin Park.

However, in small scale ex-There will be a parking charge periments they have succeeded of 50 cents on Saturdays, Sundays in utilizing two percent of the and holidays from May 30 to Latotal solar ration in the protein bor Day. On other days the fee making process. This is a sub-will be 25 cents. Rates will be stantial gain over the rate of so-double for buses and trucks carry-

lar utilization in agriculture ing 10 or more persons.
which at best is three-tenths of parking will be free at Stepone percent, they say.
Parking will be free at Stephens, Voorhees and Washington which at best is three-tenths of one percent, they say.

With this greater efficiency, Crossing Parks and portions of they add, it is conceivable that Park other than the grove. There will be a picnic charge at protein at a lower cost than farmers can produce it.

In the same of the protein at a lower cost than farmers can produce it.

In the same of t

Admission to the Manor House plant is to see how far they can go toward increasing efficiency at Ringwood Park is free under and reducing costs before any the new schedule.

RIGHT FIT IMPORTANT

big scale operation is undertak-BOSTON - UP - The 9,872 The process does not neces- foot doctors in the United States sarily need direct sunlight to op- would lose 75 percent of their paerate. The yield, Cook said, is tients if people wore the right almost directly proportional to the intensity of the visible light

National Foot Health Council. cast upon the tanks. This means Ninety-nine percent of the peoa slowing down of production on ple are born with perfect feet, cloudy or dark days but as long the council said, but are started as there is some light there is on the road to ruin by improper a corresponding amount of pro-shoes.

### **Methodist WSCS Meets Tomorrow**

Members of the WSCS of Cen-Is Announced tral Methodist Church will meet tomorrow evening at 8 p. m. at oratory rats.

Although the initial outlook is that chlorella will be used maintly as a feed for livestock there is no apparent reason why it could not be used directly as human food. It boils down to a question of palatability. You could sprinkle a couple of spoon fulls of it on a serving of meat the sunshine is free. So is chlorella.

Chlorella can be made to produce fat as well as protein. All the scientists have to do is to but down a little on its nitrates servation Commissioner Erdman. The charge for cabins will be led by Mrs. Walter Edwards, and the chlorella grows up with a fat content of as high as 85 pervation Commissioner Erdman. The charge for cabins will be led by Mrs. Howard Scarbulation of palatability. You could sprinkle a couple of spoon fulls of it on a serving of meat spource of oils as well as meat not returned if the reservation is in charge of the ensuing social special speci fuls of it on a serving of meat This reservition as well as meat. not returned if the reservation is in charge of the ensuing social

and get that much additional protein in your meal without any appreciable change in taste, Dr. Harold W. Milner of the Car-Cook said.

This versatility of chlorella cancelled.

Canoes will be rented at \$2 a (World Day of Prayer') servage and rowboats at \$1:50. It is well be held at the Fourth Cook said. negie Institution's plant biology There will be a 50-cent reserva- Presbyterian Church. All ladies

> At noon, the temperature of give no estimate of large scale Picnic facilities, on a first come the moon is hotter than boiling



15% DISCOUNT ON SUITS . . . TOPCOATS . . . SWEATERS TROUSERS . . . ALL MEN'S APPAREL

SEND NOW AND SAVE! BLAKELY PHONE Treates 2-7125

## Fort Dix Soldier Finds Lost Wife

HOBOKEN, N. J. -APtelephone call to her husband ended a seven-day search for a 22-year-old Hungarian bride, missing since her arrival in this country on February 13.

The main object of the

Private Lincoln Harris, soldier stationed at Fort Dix, told police his wife had phoned him yester-day and planned to join him Sun-

Harris had been delayed three hours in reaching the pier after his wife phoned him upon arrival here. When he found her gone, he notified police and a 12-State alarm was broadcast.

The bride, whose name is Wil-helmine Wiek Harris, is in Decatur, Ill., her husband said. She had been met at the pier by her sister and brother-in-law, Maria and Jack Fitzpatrick of Decatur, who had driven her there, police

Mrs. Harris arrived in this country on the Holland-America liner Noordam from Rotterdam. Harris said he had married her while on occupation duty in Ger-

WRONG PLYMOUTH FARMINGTON, Me. - UP The 10-man Farmington State Teachers College basketball squad piled into two automobiles for a trip to play the Plymouth Teachers College team. Farmington lost the game at Plymouth, N. H. One car with half the squad went to Plymouth, Mass., by mistake.

# **Safer Cough Relief**

When new drugs or old fail to stop your cold don't delay. Safe, dependable Creomulsion goes quickly to the seat of the trouble to relieve acute brouchitis or chest colds. Creomulsion has stood the test of more than 30 years and millions of users. It contains safe, proven ingredients, no narcotics and is fine for children. Ask your druggist for Creomulsion and take it

promptly according to directions.

# -INSTALL-RUBBER

TILE Yourself! It's Easy!



9"x9"x 1/8"-12c ea.

15 Other Colors

Available At

Slightly Higher Prices

Have Your **Dream Floor Now** 

YOUR CHOICE OF Black & White - White & Black Black & Red - White & Green White & Blue - Plain Black Black & Green

6"x6"x 1/2"

You'll never notice the slight irregularities when you see these perfectly out—beautiful tiles.

#### IDEAL FOR EVERY FLOORING NEED

Can be installed for you at low cost. You'll be satisfied with our work!



20 East State St. Bet, Warren and Broad Sts. Call 5-7434 For Free Estimate

# at **BINDERS**



That "just right" touch—softly toned like the romantic glow of candlelight. Simulated handset moonstones trimmed with rhinestones. Necklace, bracelet, brooch, spray pin. Lobe and drop earrings.



Who but Burlington—one of America's leading makers of fashion fabrics—could bring us stockings so perfectly color-cued to the new fashions!

• Tailored heel control Tailored lengths

 Pencil-line seums • Snag resistant finish

**DRESS SHEER HOSE, 51-15 . . . 1.35** BUSINESS SHEERS ...... 1.15

"color cues"-Burlington's Fashion Chart that tells you what colors to wear with what. Hang it inside your closet door-it answers all your basic fashion questions at a glance. Come and get yours today!





#### Polka Dots for Spring

Smart new French Crepe pajamas with matching robe. White background with red or blue dots in sizes 32 to 40.

#### Gowns

French Crepe Shorty gowns in delicate pastel colors. Sizes 32

BINDERS, JEWELRY, HOSIERY, LINGERIE





# MEN'S SHOES MADE ON U.S. GOVERNMENT **SURPLUS LASTS**

Our shoe buyer says, "These are the best shoes of this type we can buy". And he's the world's worst crank when it comes to checking quality. Here are choice leathers, cobbled over U.S. Government surplus lasts designed and okayed by Uncle Sam especially for our armed forces. That means the "life of Riley" for active feet! These shoes have tough leather soles and inner soles, cushiony rubber heels, choice of black or brown

Order one-half size SMALLER than your regular size.

	6	64	7	713	8	813	9	913	10	10%	11	12
B	-				Γ		x	X	X	X	X	
C			x	X	X	x	X	X	X	X	X	X
D	X	X	X	X	X	x	X	X	X	X	X	X
E		X	X	X	X	X	X	X	X	X	X	
EE	X	X	X	X	X	x	x	X	X			Γ

	6	64	7	713	8	815	9	914	10	10%	11	12
							X	X	X	X	X	<u> </u>
			X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X	x	X	x	X	X	X	X
		X	X	X	X	x	X	X	x	x	x	Γ
Ē	X	x	$\bar{\mathbf{x}}$	X	x	x	$\bar{\mathbf{x}}$	x	X		<b>—</b>	1

topen Thursday evening

10 N. BROAD ST.