Ag Experiment Station Makes Food For Shuttlespace Program

When NASA's Shuttlespace four and a half years from now, research underway by the Texas Agricultural Experiment Station will make the food catering situon more efficient and easier.

The TAES is working on ways will enable astronauts to probe System goes into operation about to keep vegetables and cereals deeper into outer regions. tasty and nutritious, yet light and compact—no easy assignment.

Shuttlespace is a relay system to and among space stations. It is

Scavenger Hunt Winners Named

The first prize of \$25 in the puzzle and had to visit as many Student Purchase Program Scav- of the 39 participating stores as enger Hunt was won by Marna Schneider. Second prize of \$15 went to Nancy Yates and the third prize of \$10 went to Jacalyn

Contestants were given a blank

the next step after Skylab and

from Experiment Station studies. The man heading up Shuttlespace food research for TAES, possible to collect clues. Clues Dr. E. E. Burns of the Soil and Crop Sciences Department, says consisted of a product in each store, and the student had to

he and his associates have been look around and guess it. First working on the project about a prize went to the collector of the year.

Actually, the space effort is not

new to TAES. The agency has

been consulted about foods and

preservation methods since the be-

ginning of the Apollo series. Some

of the snacks now being nibbled

by Apollo 17 astronauts stemmed

the Experiment Station has the "commodity expertise" to delve into such studies.

"We are constantly seeking vegetable varieties that lend themselves to freeze drying and compression," he said. "This means that plant breeding and genetics also come into play."

The main problem in developing space travel foods is bulk. So far, freeze drying is the best method because it affects food quality less than any other preservation technique.

After freeze drying, the vegetables are compressed into candy

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plastic. No refrigeration is re- pointed out.

To eat, remove the bar from the plastic and add water (rehydration). The vegetable fluffs back to its normal state, and its texture is damaged very little.

Burns' investigations to date have been mostly on vegetables. The cereals phase is yet to come. Vegetables which have worked best so far are green beans, carrots, corn, peas and spinach, which the scientist says are items not likely to encourage little boys to become astronauts.

"But then, our astronauts have

Tomatoes, melons and such salad greens as lettuce have eluded every effort toward preservation for space travel. No one, Burns says, has figured out how to freeze dry a tomato and still keep its original quality.

But despite these failures, the scientist believes that a full selection of vegetables and cereals will be available by the time Shuttlespace becomes a reality.

day in the semester, I'm going

to wrap this column up with some

Biggest Surprise — Commander

Nicest Surprise — Herbie Mann's "Push Push." I knew

Mann was a great flute player,

though his music had always been

a little too sugary. But when his

flute joined up with the late great

Duane Allman's guitar, the sugar

with the spice, so to say, things

really got cooking. They run

through a variety of songs to-

gether. This is the best instru-

mental album I heard this year.

Chicago after examining "Chicago V." What is all this "fabu-

lous" poster business? Chicago

may soon be the pop stars they

seemingly want to be if the music

of "Chicago V" is any indication.

son's "Saint Dominic's Preview,"

masterfully produced, totally en-

grossing. Morrison's style is

unique. Here he uses background

vocals in place of studio strings.

'Almost Independence Day" and

"Listen to the Lion" are almost

Williams, a journalism senior

from Dallas, sells organic prod-

ucts in his off hours. The products

range from food supplements and

toiletries to cleaning aids which

"The rewards from this job are

unequaled anywhere," he said.

"In this throw-away society

where everything is synthetic, it's

nice to know what you're selling

was founded in 1915 and deals

exclusively in organic foods. With

the recent interest in ecology, the

products have experienced a tre-

"They're very well konwn in

California," he said, "and a lot of

people in the North and on the

East Coast have heard of them,

Williams deals primarily with

food supplements and cleaning

aids. A cleanser he sells is strong

but in the South they're still rel-

atively unknown."

mendous growth of popularity.

contain no synthetic materials.

Williams; it's his job.

scary in their complexity, but final birdie tweet.

Ecology-Minded Ag Senior

Deals In Organic Products

will not harm the environment." ure that supply the basic needs

Williams' company, Shaklee, your body has to keep it healthy.

babies.

Most Intriguing - Van Morri-

Loudest Crash-My opinion of

Strangely, fruits have posed no difficulty.

"In fact, we just reached back a couple of thousand years and copied the sun-dried fruit techniques of the ancients," Burns explained.

The fruit is dried, mashed into thin sheets and then rolled up like a sheet of paper. Or it can be cut into bite-size chips. Burns said the final product is light in weight, tasty and keeps well.

their suggested meanings are

can't help but be an Elvis fan

after listening to the man belt

out his music from "Hound Dog"

to "Suspicious Minds." With a

tight rock band and the Sweet

Inspirations behind him, Elvis is

Sweetest - The stuff Bread

passes out is so sweet they should

be checked for diabetes. "Diary"

or "Guitar Man" or whatever

their latest one is called is more

by the group of th same name.

Terry Knight, of Grand Funk

Railroad fame, has a new piece

of junk to promote, and they are

even more a piece of junk than

GFR were, believe it or not. But

even Knight went over his head

in designing their first album's

cover. A more apt title for the

thing would have been "Lia, the

Lizard Lady, Tantalizingly Dis-

plays This Year's Winner of the

Annual Porno-Pastry Contest." Another grand flunk for Knight.

and the Dominoes, with Eric

Clapton in command. Duane All-

man continues to haunt us as it

is he and Clapton that rip, wail

and grind their way thru the first

half of the song and then sit back

quietly as the most startling

change of pace flows us up to the

enough to wash a car but, being

organic, safe enough to wash

"Most of the products have a soybean base," he said. "The soy-

bean is nature's most versatile

plant. They've discovered hun-

dreds of uses for it, like the uses

George Washington Carver dis-

Some people are misled, think-

"Vitamins are not used to real-

"Your body can tell the differ-

Williams finds that many peo-

ple are skeptical about a cleanser

made out of organic materials.

"I was skeptical when I first

heard about it," he said. "I check-

ed it out thoroughly and found

that it really works and is com-

pletely safe, safe enough to eat.

To housewives, especially ones

with young babies, that should

ence between natural vitamins

ly cure anything," said Williams.

"Vitamins are a preventive meas-

covered for the peanut."

and synthetic vitamins.'

be very important."

ing vitamins are a cure-all.

Best Single-"Layla" by Derek

Grossest-"Mom's Apple Pie,"

Most Entertaining—"Elvis Live at Madison Square Garden." You

only suggested.

overwhelming.

of the same.

Resonance by Steve Grayson Burns, a food technologist, said bar sizes, then sealed in heavy never been real spinach buffs," he BATTALION CLASSIFIED Since this is the last Wednes-

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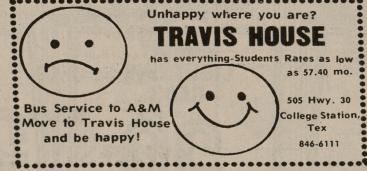
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of the albums I never got around to mentioning. Here is a partial

list of my "Of The Year" records. Cody and His Lost Planet Airmen's "Hot Licks, Cold Steel and Truckers Favorites" is really enjoyable country and western. They look like just another longhaired band, but they sound like pure shirt.

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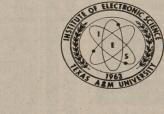
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