### Our Queen's Job Is No Snap According To American Reporter

(Second of Four Dispatches) By TOM A. CULLEN NEA Staff Correspondent London - (NEA) - Elizabeth I, Britain's tiny, blonde, blueeyed Queen, is the highest-paid female business executive in the

Her personal allowances, \$1, 200,000 a year, tax free, fabulous by American standard n comparison, President Eisenhower gets only \$100,000 a year, although his expenses are pro-

vided for by Congress.

Another half million dollars is
earmarked for members of the royal family, including \$196,000 for the Queen Mother and \$121,-000 for Prince Philip, the Duke of Edinburgh. (At the other end of the scale, Princess Margaret gets a paltry \$16,800 a year to

Is royalty worth it? Are Britsh taxpayers getting their money's worth? Is the Queen earning her keep?

In the gracious 31-year-old Queen who will be their guest October, Americans will find the hardest-wroking career woman since Elizabeth I. In fact, 1957 social calendar would have floored her illustrious ancestor, the Good Queen Bess. Take the State visits alone. In 1957 Elizabeth will have paid State visits to three of the most important counries in Western Europe, as well as to the two capitals of North America. Portugal in February, France

in April, Denmark in May, and now, the United States and Canada in October - the Queen's travels have left her little time to devote to her family. State visits are more than social calls. Their nature is partly political, the Queen's job this year being to knit up some of alliances that came unravel-

eld at the time of Suez, a job which would make most diplo-And in this respect, each State visit must be as carefully prepared as a new stage production. There are new lines to be learned: the Queen must be briefed

on the politics of the country she is visiting, its leading per-Speeches must be prepared for State banquets and formal occasions and these may include a few phrases in a foreign language for the Queen to memo-

rize. (French is the only foreign language in which she is fluent.) Then there are the fittings at the dressmaker - clothes were an important item of Elizabeth's visit to France in April. The French would have been quick to comment had she appeared

Television has added to her ordeal. What her most severe eritic, 32-year-old Lord Altrincham, said recently about the Queen's TV manner may be true, for many British observers agree that her speeches are "a pain in the neck," as the peer remarked.

During her recent televised speech at the Danish State banquet given in her honor, the en never once lifted her eyes from her script, and the TV cameras were placed at such an odd angle that viewers saw only her brow and sparkling

Even when she is abroad the red leather dispatch boxes fol-low her remorselesly, with their important papers for her to sign.
At Buckingham Palace her schedule is fairly rigid. Elizabeth rises early and enjoys a hearty, English-style breakfast with her husband, skimming through the morning news-From 9 o'clock to 9:30 Eliza-

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beth is in the nursery, getting Prince Charles ready for school,

helping Princess Anne to choose Then the Queen takes the elevator down to the sitting room which doubles as her office. Her first visitor is her private sec-retary, dapper, moustached Sir Michael Adeane, 46, whose grandfather did the same job for

Sir Michael brings with him the day's business: Cabinet minutes, memoranda, letters from ministers, governors-general, ambassadors; documents for signature, programs of impending gagements almost a year ahead; petitions, appeals, protests from every quarter of the globe.

At 11:30 the Queen may receive a government minister or an ambassador presenting his credentials. Audiences no longer take place in the India Room with its display of Oriental shields and daggers, glittering with jade, emeralds and rubies The Queen uses a small audience room next door. Her afternoon schedule may include the laying of a cornerstone which case Elizabeth leaves Buckingham Palace by a

side gate in a limousine flying

the royal standard from its radiator cap. Once on public view, Elizabeth is subjected to a set of rigid "Do's and Don'ts." If she tired, she must never show it. If she is bored, she must smile and bear it. Nor must she blink or frown - such grimaces could be interpreted as signs of dis-

When the Queen visits Cahada and the U.S. in October, viewers will notice that she has developed a trick for warding off fatigue during long stands. First, she rises on the ball of the foot; then she puts the weight on the heel, stretching her toes upwards. It's an old guardsman's gimmick taught to her by her father, George VI.

Those women who dream how wonderful it would be to be Queen of England for a day, might ponder the qualifications for the role in 1957.

Feed Spiders To **Drive Them Crazy** 

Best fed and most satisfied spiders in the world are those living a life of luxury in a special air-conditioned apartment at the University of Southern Cali-

There are 70 of them. And they owe their pampered existence to the fact that they are being used for measuring the effects of chemicals on behaviour, with particular emphasis on the study of schizophrenia

-split personality Each day they are given juicy live flies to eat; and all that's asked of them in return is that they spin their webs in special frames supplied for the purpose. Without its being aware of the fact, each spider is eventually given a fly that has had its blood drained off and replaced by blood taken from a human Serves 6-8. schizoprenic patient. The fly is dead, of course, but the spider is deceived into thinking it's

houses and spin webs that are

completely lacking in the cus-

tomary symmetry.

alive and buzzing by the twangteresting to serve. This recipe ing of a tuning fork near its serves 6.

Then the effect on its webweaving is noted. When fed with blood from certain types of schizophrenic patient, spiders 1/3 cup milk become listless, spend most of the time in their little paper

2 cups cooked green beans, drained 4 eggs, separated ¼ cup shredded Canadian

Combine soup and milk in a 11/2-quart casserole; add chicken and beans. Bake at 375 degrees F. for 10 minutes. Meanwhile, beat egg yolks well; add cheese. Beat egg whites and fold into yolk-cheese mixture. Pile this fluffy egg topping on chicken what any trained forecaster, not mixture and continue baking for in the way of tabbing the up-

. . . A casserole which you will find especially decorative for party serving combines deviled eggs, shrimp, and special white sauce. It serves 6. SHRIMP CASSEROLE WITH

2 teaspoons lemon juice or vinegar 34 teaspoon prepared mustard 1 teaspoon Worcestershire sauce ½ teaspoon salt

DEVILED EGGS

Refill whites. White Sauce: 3 tablespoons butter
1 tablespoon chopped onion
3 tablespoons flour

11/2 cups milk 2 tablespoons chopped olive Melt butter; add onion and cook until golden brown. Add flour and mix; add mill cook



WELL-READ - Nancy Louise Smith, 8, whizzed through the 150 books stacked behind her in the public library's summer reading program to top all others. She also read 90 books to her six-year-old brother, Ty. Nancy holds a map of Kansas, given program participants.

## TABLE TALKS Hazzal & Jane Andrews

stantly. Add chopped olives.

2 cups shrimp

The Shrimp

Place deviled eggs, stuffed

side up, in greased, shallow cas-

serole. Scatter shrimp around

the eggs. Pour the white sauce

over eggs and shrimp. Dust with

Combine cheese, mushrooms

and rice with chopped almonds

for this unusual casserole. It

CHEESE-RICE SPECIAL

1/4 cup canned mushrooms,

1 tablespoon chopped onion

2 tablespoons finely chopped

stems and pieces

14 cup chopped blanched

almonds

34 teaspoons salt

1 tablespoon butter

1/2 cup uncooked rice

1/2 cup shredded cheese

1 teaspoon meat extract

11/2 cups boiling water and

mushroom liquid.

Drain mushrooms; save liquid.

Lightly brown mushrooms,

onions, and almonds in the fat.

Add rice, parsley, and shredded

cheese. Mix thoroughly. Place

in casserole. Add salt and meat

extract to water - mushroom

liquid. Pour over rice mixture.

Cover. Bake at 375° F. for 45-60

minutes or until rice is done.

Anybody who has though

about it at all must have wor

dered why amateurs, with no

meteorological training, can

blithely give a forecast for

coming winter or summer with-

out batting an eye. In contrast,

the professionally trained fore-

caster never attempts more than

a day or two specifically, and be-

reason, of course, is that the

amateur weather forecaster is,

consciously or otherwise, a fake.

You just can't forecast a season

In the face of all this the

professional forecasters have

maintained a dignified but tor-

rid silence. Now, through the

president of their organization

of 6,500 members, they have is-

sued on official statement of

a tribal medicine man, can do

Weather forecasts, they say,

coming weather.

in specific detail in advance.

yond that only generalities. The

Long Range

Forecasts

serves 6.

minutes, or until bubbling.

Casseroles make the cooking | until thickened, stirring conproblem much easier - prorided, that is, the rest of the family like casserole dishes - because there are so many mealin - one - dish recipes that they can be varied, prepared early, decorated easily, and served with pride. With a salad and dessert casserole meal is simple.

CASSEROLE OF TUNA FISH 1 package noodles (8-oz.) 6 cups boiling water 1 teaspoon salt

1/4 cup butter 2 tablespoons flour 2 cups milk 2 tablespoons diced pimiento 2 tablespoons green pepper, 1 tablespoon onion, diced

11/2 cups diced, cooked carrots 1 small head cocked cauli-1 71/2-oz. can (1 cup) tuna or other fish

Buttered cereal or cracker crambs Drop noodles into boiling saltd water. Cook until tender. Melt butter in saucepan over low heat and blend in flour. Add milk slowly, stirring constantly, until sauce is smooth and thick-

ened. Stir in vegetables. Drain cooked noodles and place a layer in a buttered casserole; arrange half the vegetable mixture over top, then place fish in center; add remainder of vegetables-in-sauce, then more noodles. Cover with buttered cereal or cracker crumbs. Bake at 350° F. for 30 minutes. Remove from oven, sprinkle with chopped parsley, and serve.

A chicken puff with an egg topping is easy to make and in-

BAKED CHICKEN PUFF 1 can (11/4 cups) condensed cream of mushroom soup 1 cup cubed cooked chicken

30 minutes.

Deviled Eggs: 6 hard-cooked eggs 1 tablespoon softened butter

1 tablespoon salad dressing Cut eggs in half; remove yolks and press through sieve. Comoine with all other ingredients.

# A Canadian Fights Arthritis

Dr. Arthur W. Bagnall of Vancouver B.C., explaining why he specialized in this crippling disease. "My father was a doctor and was always on the lookout for something that would cure search." Last week in New York the 45-year-old Canadian, now one of the world's top experts on arthritis, reported that the arch has led to a remarkably effective weapon to combat rheumatoid erthritis which is gradually crippling 4.5 million Americans. At the same time, he offered new hope that the cause of the disease may finally be discovered.

The new weapon is an old drug, chloroquine used widely since 1944 against malaria. It is "closer to the ideal for a longterm, safe control of rheumatoic arthritis than any other agent

can be prepared in some detail for two or three days in advance. That's all. Even then the reliability of the prediction decreases progressively after the first day. Forecasts three to seven days in advance must be issued in less specific terms, and are ordinarily restricted to a statement that the temperature should be higher or lower than

For periods of one week to one month in advance the average temperature and precipitation for the period can be compared with the norm for that period with some skill. But the present status of meteorology oes not permit a forecaster to specify, day by day variations in the weather more than one week in advance.

paprika. Bake at 375°F. 25-30 The position of the American Meteorological Society is that individuals or organizations that publish forecasts for conditions more than one month in advance mislead the public, if they do not clearly describe the forecasts as experimental and of unproven value.

Now we offer a long-range forecast-not on the weather, but on the amateur forecasts. We predict four months in advance that despite the American Meteorological Society, about next November amateurs will start saying, "They say we're going to have a rough winter this year." Or, "They say it will be warm and unhealthy." Or, "We'll pay now for all the heat we got last summer." Or, "Fellow up in Granby (or Winsted, or Simsbury, or Glastonbury) says the ducks have got unusually long bills this year. That means more snow than we've ever seen" One of the unerring earmarks of the amateur and untrained prophet is that he is never both-

ered by facts or previous re-

REVOLTING DEVELOPMENT — Pooch Tinka Bell checked state

speed, focus and lens opening and had sighted on a co

prize-winning shot. This photo was snapped immedia

Tinka discovered the only slip-up: no film.

AND IT GREW, AND GREW — Workmen use crow bars to pry the plaque denoting the bill being razed. In the squash courts beneath the stands of the football stadium, Enrico fermion associates achieved the first self authors and the football stadium, Enrico fermion.

his associates achieved the first self-sustaining nuclear reaction on Dec. 22, 1942.

cords.-Hartford Courant.

available," reported Dr. Basnay Out of 125 patients, he say chloroquine helped 70 per In a third of them the di is completely arrested. How Mother Used Six months to a year are no To Make Butter

usually a sad little h ingrown perplexities,

tic effort then in pres-

ocards in a high wind,

m?" For making butter is

an integral part of the

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ns of the plot. Seeing a

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in the past 25 dramatic

ings I have witnessed, they made any butter, and but-

ever got mentioned. I have

to believe that none of these

churns has any cream in

suppose it would be wasted

, at this late date, to tell in

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ably from a butterfat-type

arm it to the proper tempera-are and insert it in the churn.

could make butter all right

cream that was just a little

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a great many people say

never liked "dairy" butter.

that was too old made

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ities, as laid down by all

ng a broom handle contrap-up 'n' down, the director of

tion is not necessarily dem-

ed before chloroquine re swelling of the joints. But important, it also r general inflammation body. This has led Dr. to believe that unlike it sone derivatives (until major anti-arthritis oquine "acts on the onstrating that these people make their own butter - he is itself. Rheumatoid fects every cell in the bo telling us that the action takes though it manifests itse place outside the city limits and the strain of day-to-day by swelling and stiffening in an earlier era. He could just as well have a moose blat, or lightning arrester cables slapping way, chloroquine gradual stores normal cell functi "Chloroquine

om has developed the as an unalterable essenplete cure," Dr. Bagnall sized. "Just as we cannot sad character might be cure for ulcers, we can of the apples, or straightening pect a single final and heumatoid arthritis.' secondhand shingle nails, but custom leads us to conclude that Until the chloroqu ld, the Canadian the dasher churn is what country prescribes the cortisone de eople turn to when they cogitat rdly on their woes able T.V. play can do withon their woes and no.

tives "to avert immed pling." After a few mont ever, these often induce ney ailments. The oquine is rarely a skin rash or a tour sickness. The about \$1.75 a day. Chi costs about 10 cents per d then be followed by some From Newsweek. , which the sad character is

## Anna And The Kin

The late writings of English Scho er Anna Leonowens ("T mance of the English Governess mese Court"), which re a book, "Anna and the K Siam," and a music and a film, "The King a came under the educated Thailand scholar Alexand Griswold, 50, a Baltimo er. In Thailand to study S art, his reserch led him clude that "though Wests cow like a Jersey, and while it was still sweet Mother would think that every virtue the I royal family has displaye Anna's time stems from her

ful teaching . . . a cool ass ment suggests that Anna did ! loom very large in the life King Mongkut and his dren." Griswold discounts An na's story of an unfaithful wife of the King and her lover being burned at the stake as "pure magination." "No other Siamese or European writer mentions this event . . . though it was supposed to have been seen by ha of Bangkok."

llar butter. You could get much the same infortunate effect by neglecting to wash the butter thoroughl after it was churned - and if you got butter that was made from elderly cream and didn't get washed enough you would notice it right away. But if the to be one-sided . . . King Mong kut's name will than the names of the emp was sweet and the butter roperly washed and salted, never was a creamery butyet to touch it.

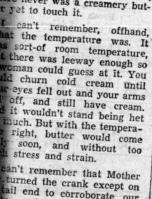
and still have cream. ight, butter would come ress and strain.

ng. She pounded and turned and folded, led a little salt at a time, ually formed it in patbut unless you planned

CROSSWORD

PUZZLE

53. Dethrone



end to corroborate our e that the butter had This was when the fatty separated from the buttermilk, part and o each other to make If it felt to her that it enough, she dismissed took over the gathering dabs. We had some tian Science Monitor.



INCOGNITO—Sheep are timid creatures but there aren't many that'll go to these lengths to keep out of the public eye. The Hampshire sheep are wearing these wraps to protect their fleece before entering the judging ring at the State Fair.

to sell butter it was just as useful in patties. I think most of the great dram-

atic churners, troubled emotionally with insoluble problems, depicting their inner passions - if they were really churners would work it as Mother did. She loaded the churn and said, "There, now ... keep it moving."
As she rolled pie dough and washed cookie tins and peeled potatoes she kept one ear on the churn, and if whichever of us was on duty missed a revolution she mentioned it. I always felt she timed my turn for about 25 minutes before a ball game, and I kept the crank going without the slightest hitch so I could get there in time to play. If there were no game, and nothing special to call me, I dillydallied at

My sister caught me once. She was churning, and she said, "Keep it going a minute while I rest my arm." Then she went away. I was never equal to arranging any similar mean trick to get even short of corn. with her. She had some kind

of a misguided fancy that the incident was funny, but I never did. Everybody hated to churn. The dasher churn, favorite of the tragedians, had many mechanical faults. The up 'n' down motion was extremely tiring, and after 10 minutes you would be changing hands every four or five strokes. Then the handle would wear in the hole, and a churn with any experience at all would be little more than a piston that squirted cream in your

I think, too, that the vertical action of the dasher was an in-efficient coagulator, and much less effective than a splash or paddle churn. A very good churn was a smallish barrel mounted on a frame, and when you turned the crank the barrel would rotate end for end. Baffles inside agitated the cream and brought butter soon. But it took a lot of cream to make such a big churn to turn it. Our family used the regular round churn with a paddle wheel in it, which would take care of a couple of cows. When the cows tapered off we wouldn't have enough cream even for that

churn, and sometimes butter got made in a bowl with an egg It seems to me the chief reason why a rural character, depicted on stage and screen, would be sad and melancholy would be the lack of somebody to turn the crank or jerk the handle. This would be a thing in itself, and momentarily would overshadow any other emotional stress. Such country character would be talking about the churn itself, and not about mortgages falling due, or family apart, or why they don't let Henry out of jail. Show me a symbolic churn, and I'll show you who never worked one - by John Gould in The Chris-

37. Appeared
28. Rubs out
39. Ridicule
42. Understand
45. Point of land
47. Crackle
50. Poorly
51. Malt beverage
54. About

8. Came

49 30 51 52

9.22

Answer elsewhere on this page.

on other cereal grains. THE PERSON NAMED IN

> they'll rate equal. The water treatment, according to the WSC scientists, works with barley and rye.



a masquerade contest at Southend-On-Sea, Essex ,England, with her costume celebrating the wonders of bread. Pigtails, necklace and dress decorations are all fashioned of the staff of life.



it absorbs all the water. Then it

a regular poultry ration.

proved about the same.

- 17. no. - - - -

grains for other single-stomach

animals, too. Animals with sev-

eral stomachs-for example, the

PER OUR PERSON

the farmer in a corn-deficient

s dried, ground, and mixed in

This works, they believe, be-

cause the water is able to un-

lock some of the carbohydrates

A recent dispatch from the far west regarding feeding experiments they have been making there should be of real interest not only to poultry raisers but to farmers in general as well.

Washington State College scientists have found a way to make barley and other cereal grains as good feed as corn. This discovery is of particular importance to farmers in the Pacific Northwest, since this area is

Working with chicks and poults, Drs. Leo S. Jensen and James McGinnis, and research assistants Ramon Fry and John Allred have discovered a treatstomach animals are not ment using either water or an enzyme mixture for barley that gives as good bird growth and produces as much meat per pound of feed as corn does.

3 to 1 "This discovery should mean much to farms in areas such as ours," explains Dr. McGinnis.
"On the Seattle feed grain market barley is currently quoted at \$46 a ton and corn \$65. Transportation charges average about \$22.50 on Midwest corn."

He also points out that the United States is about the only big corn feeder in the world.
"Most of the rest of the world feeds its livestock and poultry olem is to get the calories for their animals. This process could be a real boon to them."

Up to this time, barley, for example, has only rated about 70 per cent the feeding value of corn for chicks, and about 80 per cent for laying hens. Now

with soybean oil meal, rye, and wheat. Even corn itself is improved by undergoing the treatment. The enzyme treatment so far has worked best Here's how they "soup up" the grains. The grain is soaked in

an equal weight of water until



One thing that's free in t Soviet Union is air. There's lots of it, too. Too much, in fact, Pravda admitted recently as it told about a new Soviet industry that has already overfulfilled some of Communist boss Khruschev's goals for world supremacy.

Shipping Air

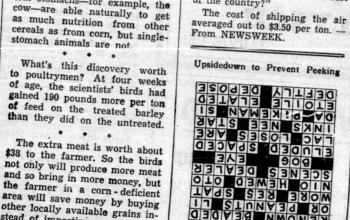
By Freight

Out east in Vladivostok, it turned out this summer, a railroad traffic manager had been meeting his freight quotas by shipping carloads of water from place to place with such enthu siasm that tank cars were occa-sionally frozen solid in transit and roadbeds washed out by "deiveries." But in the game of fulfilling quotas, he was an amampared with the operashipping air by railroad freight. Soviet rail wages are computed

on the volume of shipments. Some years ago, the Soviet railroads began using large crates for shipment so that mechanized loading would save money. These became "very popular" on a number of rail lines, according to Pravada's re-port from V. Ocheretin, an em-ployee of the Sverdlovsk terminal on the eastern slope of the Urals. In the last ten years,

the number of such crates in use has multiplied 35 times. Many of them, however have been loaded with air. A check of waybills on the Sverdlovsk line showed the average crate (total capacity unspecified) contained 688 pounds of air, Oche-retin said, and one had 1,760

formerly inaccessible in the grain. Enzymes also might do this, they reasoned. The results pounds of the stuff. The researchers believe what they've found out will apply to lemanded: "What about the rest



himself. The decisions we make in youth are important, not only quences but also for their significance in the moulding of life's pattern. God blessed Danie giving him knowledge and skill in all learning and all wisdom. The rise and fall of world empires is nearing its final phase according to the outline given by Daniel in his interpretation of Nebuchadnezzar's dream. The Chaldean, Persian, Greek and Roman empires have all de-cayed. We now see nations of iron and clay, signifying strength and weakness, but no dominating

TESUNDAY SCHOOL

By Rev. R. Barclay Warren B.A., B.D.

Daniel, Steadfast in Crises

Daniel 5:1, 5, 13-14, 16b,

17-18, 22-28

Memory Selection: Be strong in the Lord, and in the power

of His might. Ephesians 6:10.

Daniel had an eventful life.

While a youth, captive in a for-

eign land, he purposed in his heart that he would not defile

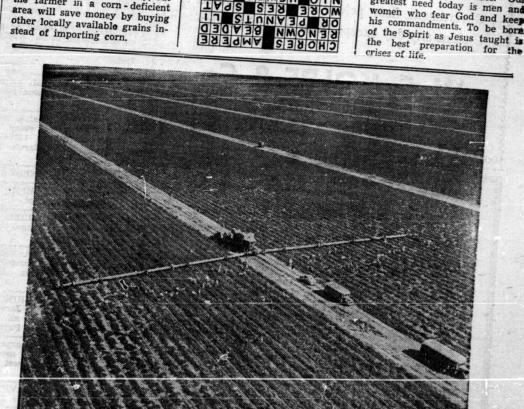
power. We know not how soon the stone cut without hands shall break in pieces and consume all these kingdoms and the kingdom which God will set up shall stand for ever. Of the many dramatic scenes in the life of Daniel, the one in the prired portion of today's lesson is one of the most excit-

"And those who transport the atmosphere are getting bonuses!" the Sverlovsk man complained. He calculated that the Sverdlovsk railroad alone shipped 1 million tons of air last year and

of the country?" The cost of shipping the air

Upsidedown to Prevent Peeking

ing. King Belshezzar had been drinking wine with a thousand of his lords. He sent for the gold and silver vessels his father, Nebuchadnezzar, had taken from the temple in Jerusalem and they drank from them and praised the gods of gold, and of silver, of brass, of iron, of wood, and of stone. Men are more daring and reckless when they have been drinking. But suddenly there was a calm. The fingers of a man's hand appeared writing in the plaster on the wall. niel was called to interpret. He pronounced the nation's doom in the words: "God hath numbered thy kingdom, and fin-ished it", "Thou art weighed in the balances, and art found wanting", and "Thy kingdom is divided and given to the Medes and Persiane" That night Poland Persians." That night Belshazzar was slain and Darius the Median took the kingdom. Daniel, the man of God, was steadfast in the crises. Our greatest need today is men and women who fear God and keep his commandments. To be born



Tomato Farm Virtually stretching to the horizon, acres and acres of tomatoes form a neat

(above) at the B and L Farm Company in the Homestead-Redland region near Miami. The world's largest growers of tomatoes, developed the unique monster, centre of photo, to help harvest the crop, which covers some 8,000 acres in an 18-mile-long strip. The only part of the harvesting operation done by hand is the actual plucking of the fruit from the vines. The pickers spread out in front of the machine and dump the tomatoes (right) onto the massive conveyor belts. The belts stretch out 165 feet on either side of the central unit. As the tomatoes roll to the center, they are graded and sized, and rejects are discarded. At the central unit the tomatoes are packed in field crates. It takes 107 men to satisfy the monsters's "appetite."







RETURN TRIP—Almost ready for shipment to San Francisco, this massive statue of Christopher Columbus dwarfs workmen in Verona, Italy. The statue is the work of sculptor Vittorio di Colbertaldo of Verona, who was commissioned to do it by the Arts Commission of San Francisco. It will be erected on Telegraph Hill later this year.