

Arkansas Farmers May Grow Drugs

New Plants to Produce Narcotics, Digitalis

A drug-farming program which may free the United States from reliance on foreign sources for many vital medicinal compounds has been launched in Arkausas by a transplanted Rumanian chemist, reports the magazine "Industrial and Engineering Chemistry."

Dr. O. K. Cosla, a biochemist who instituted the first successful cultivation of drug-bearing plants in Rumania, is in charge of the Arkansas program at the College of the Ozarks, Clarksville, where a 20-acre tract has been set aside for

Dr. Cosla, who has an M. D. degree as well as a Ph. D. in biochemistry, used to export to the United States part of its drug sup-



ply, and during World War II he furnished southeastern Europe with medicinal materials

If Dr. Cosla's plans mature, Arkansas farmers will soon begin supplying the nation with such drugs as belladonna, a narcotic; stramenium, a drug processed from dried Jimson weed which gives relief to asthma sufferers, and ergot, used to control blood hemorrhages and as an anesthetic. Foxglove, the dotted white and purple tubular flower whose leaves bear the powerful heart stimulant digitalis, will also soon be blooming in Dr. Cosla's medical garden.

Some of the drug-bearing plants which Dr. Cosla is planning to cultivate already grow wild in the Arkansas backwoods. To determine the best conditions for growing each plant as a domestic crop, the Rumanian chemist will test them in hydroponic installations, in which their roots will be immersed in a watery solution containing mineral nutrients, instead of in soil.

The active drugs will be extracted from the plants in a four-room laboratory which Dr. Cosla brought with him to this country to aid his research in biochemistry and experimental pharmacology.

Dr. Cosla believes, according to "Industrial and Engineering Chemistry," that the South can eventually become one of the nation's principal drug farming and manufacturing centers, thus diverting to the area millions of dollars now spent annually on imports.

Handy Cart



handy farm gadget can have as attractive appearance while saving work for its owner. His pull-push cart carries a good-size load of tools, supplies or produce easily. The cart was made from a child's discarded coaster wagon, using the box and wheels. The original wagon axle was kept, and the cart was uilt of % inch pipe. Time reuired to build the cart was two and one-half hours at a cos of \$1 for materials. Arc welding played an important part in the cart's construction.

Corn in Silage Form **Answer to Extra Crop**

Corn in the form of silage is the solution for the extra crop— and a trench silo is the cheapest and easiest way to provide for making and storing of silage.

The trench silo is especially recommended for those who need to provide storage space hurriedly. However, areas having extremely high water tables or soil that is sandy or loose are not suitable, according to a dairy specialist.

PERSONS WHO WEAR GLASS SLIPPERS . . .

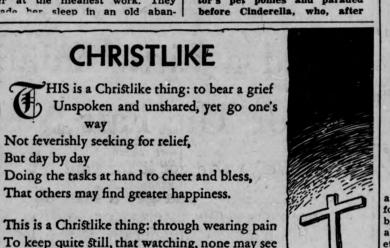
Cinderella Is Wooed by a Devaluated Prince . . . SHOULD NEVER THROW THEIR SHOES

By H. I. PHILLIPS

ONCE UPON A TIME there was | doned thirty-room showplace which man who married for his second wife one of the haughtiest women in the world. She had two daughters of her own who were a pair of fine meanies. She had a stepdaughter of unparalleled goodness and beauty. She was called Cinderella. Her stepsisters kept her at the meanest work. They made her sleep in an old aban-

nobody wanted while they had things easy in a \$25,000 four-room house, with no garage.

The king gave a great ball to which he invited everybody of prominence, including the two sourpuss sisters. They got themselves up like Mrs. Astor's pet ponies and paraded before Cinderella, who, after



The agony, But wearing always something of Christ's grace And infinite patience written on one's face.

The weariness, the harrowing stress and strain.

For the Master bore His agony alone, And bore it well,

And the greatest grief a heart has ever known, He did not tell.



they flounced off, said, "I wish I could go to a great ball." Instantly her fairy godmother appeared.

'These great balls are not what they used to be," she said. "Before you get in you will have to take chances on a couple of automobiles and maybe a dream house. And there will be be-bop music. Still, if you wish to go . . .

'Oh, I do," said Cinderella "Fetch me a pumpkin, then," said the fairy godmother. Pumpkins were pretty high, as the government had underwritten them, or something, but she got one.

"Get me a mousetrap, a rat and six lizards," said the fairy

"I wanna go to a ball, not an animal show," warned Cinder-

The fairy godmother had a wand, a book on economics by Sir Staf-ford Cripps and several speeches by government experts, so she was able to convert the pumpkin, mice, etc., into a coach with white horses, a coachman and six attendants. Whisk! And Cinderella was off to the ball before anybody could arrive to demand that she pay luxury taxes on the whole business.

She was the most ravishing dish at the ball. The king's son went for her in a big way at once, much to Cinderella's discomfiture. She was a smart cookie. (This could get serious. A prince would have loads of money, and she knew what that meant these days. He would have to spend all his days figuring out how he stood and all his nights checking to see if there had been anything new from Sir Stafford

Suddenly the great clock struck "Twelve," said Cinderella. "Eleven," said the prince.

"Ten," said the king. "My goodness, one can't figure anything these days," said Cinderella, taking it on the lam. (She had to take a taxi. The coachman, the big rat, had struck for more money and all the lizards had walked out in sympathy.)

Well, to make a long story worse, she was not through with the prince and the prob-lems of having everything. She had left a glass slipper.

The prince searched the whole land until he found that the slipper fitted Cinderella, and was he glad when he discovered she was really working girl and hadn't a thin lime! It meant less bookkeeping.

He proposed and Cinderella accepted, saying, "I suppose I could have done worse. Look at all those girls who win givaway programs!"

So she married the prince, who got back to the palace just in time to find the pound had been deval-ued again and he wasn't worth very much which meant, after all, a life of comparative tranquillity.

"The outer burlap covering of the Peruvian mummy was swipped away by Dr. Carrion and Dr. Bird while 60 scientists watched."— News item.

Carrion and Bird didja say, or somebody snoofing?

Gov. Dewey has come out with a letter indorsing vaudeville. "I remember it fondly as a popular form of enterta he says. Come, come, Thomas, you can't top Harry's vaudev statement with anything as cool and general as that. What knockabout acts do you recall? Did you ever usher in a theater?

YE GOTHAM BUGLE AND BANNER

whose My Request and Miss Request won two big bandicaps in succession, that 13 is an unlucky number...He bought one of the parents, Requested, for \$1300 on the 13th of the month and on Saturday Miss Request's weight was 113 pounds He's gonna name the next colt Thirteen and hope that the unlucky number bappens to pay off.



BY INEZ GERHARD

EANNE CRAIN and her husband, Paul Brinkman, (handsomer than many movie stars,) visited New York to help promote "Pinky," her new picture, a 20th Century production. Michael, aged months, and Paul, two, eight stayed home. Darryl Zanuck did a



JEANNE CRAIN

daring thing in making "Pinky," the story of a colored girl who passed for white; equally daring was his choice of Miss Crain for the sort of role usually reserved for actresses like Bette Davis. But Jeanne Crain's talent has been obvious ever since she and June Haver made their debuts in "Back Home in Indiana"; as usual, Zanuck knew exactly what he was do-

The cast of "Pinky" is starstudded. Ethel Barrymore, Ethel Waters and William Lundigan share honors with Miss Crain, and Elia Kazan, one of the best directors of stage and screen, directed this one.

Johnny Weismuller weighed pounds when he reported for his new "Jungle Jim" picture, thereby saving some \$38,-000. Weighing 238 when the deal was signed, he said he'd pay \$1000 for every pound he didn't lose by starting time.

Lauren Bacall made no money by losing the five pounds she gained after Stephen Humphrey Bogart was born, but at 118 she looked better when she went to work in "Young Man with a Horn," with Kirk Douglas and Doris Day.

Nancy Olson, who stepped from undergraduate status at UCLA into the leads of two top pictures, will be Bing Crosby's romantic interest in Paramount's "Mr. Music." In her first film, "Canadian Pacific," she appeared with Randolph Scott; she recently completed a featured role in "Sunset Boulevard," with William Holden and Gloria Swan-

THE CAPTURE **Fiction**

proached the cabin and knocked (

three times. A bolt slid back into

its socket. The door swung open

"That you, Sol?"

Sol sighed in relief.

enough to avoid trouble.'

Fiction

and a voice came out into the night.

"Hello, Baldy," he said, stepping inside. "What luck?"

"None." Sol heard Baldy fishing

for a match, and he said. "Wait

a minute, Baldy. I got a scheme I

"Joe and Slim. They've been trail-

ing me all day. I just kept far

"Avoid trouble? You?" Baldy's

voice sounded incredulous. And Sol

it. And now that we've found them,

"So that's why you ran away from them?" sarcastically.

to follow me. They'll be along any time now. I made sure they saw

me ride down in here by silhouet-

ting myself against the skyline 15

minutes ago. Now here's the point:

They don't know about you, yet.

They think there's only me to con-

tend with. And unless I miss my

guess, they aim to get me out of the

"Unless I stop 'em," said Baldy.

"Right. Now get this; I'm

leaving you here alone, see?

Cover the windows and then

light up. They'll think it's me

"Fine," said Baldy. "But what's

wrong with me being on the outside

Sol laughed shortly. "A lot, you

Instantly he grew tense. Every

muscle and nerve and fibre became

alert. He half crouched, half stood

in his hiding place. And as he

watched the cabin a dim figure tool

shape and became a man. Another

little squirt. Now pipe down and

inside here, all unsuspecting.

and you on the inside?"

obey orders. I'm going."

way tonight."

"Don't be a fool. I wanted 'em

I don't aim to let 'em get away."

chuckled.

more than a week

"They've seen me," Sol went on.

SHERIFF Sol Rock cautiously ap- blackness near the cabin. It was followed by another. But before the two bandits could hoot again, the two six-guns in

> Answering shots came from the cabin. Sol felt a searing pain in his left shoulder. His senses began to reel. And suddenly he realized that the renegades had accomplished what he had been unable to do befired at the flash from his guns -high-hoping for a kill.

Sol's hands thundered.

This was Sol's last thought. When Sol returned to conscious ness he found himself lying on a bunk in the cabin. Baldy, grinning broadly, was standing over him.

"Listen, Baldy, we've "What the hell did you blow out 9 - Minute been chasing these that light for?" Sol wanted to know. two bad men for "It spoiled my aim, made me stumble and nearly got me killed. now. I'm sick of

"Thought it would," Baldy grinned. "Wanted it to. You didn't think I was going to be fool enough to open the door and stand in the light so those birds could take pot shots at me?"

"Well what happened, anyway?"
For answer Baldy pointed across
the room. Sol looked and saw two men lying there, both bound secure-"Wing 'em?" Sol asked. "Winged nothing. I whacked 'em the head from the doorway

while they were shooting at you. By the way, you almost hit me with your own wild shooting." "Wish I had," Sol grinned. "Say,

squirt, you ain't so dumb as you

"And I ain't so much of a squirt either," Baldy replied indignantly.
"Fact is I blew out that light just so's I could show you what a big feller I was."

5. Low

7. Bacteri-

ologist's culture

paradise)

working

15. A small

8. Degrade

11. Fairy (Moh.

21. Large cask
22. Clamor
23. Receptacle
for coffee 4. Part of

25. Total

29. Symbol 30. Final

transaction

ACROSS 1: Rodent (So. Am.) 5. Not living 9. Cupid

11. Vanity 12. City (Fla.) 4. Whirlpo 15. Showed

mercy 16. Interna tional language 17. Little girl

18. Mulberry 19. Forward

upper part of foot 22. Sand ridge 24. A shade of a color

25. Title of 28. Small North Atlantic blenny 31. From 32. Cheat

33. Masurium

34. Tenders

37. Spheres

40. Mature

43. Ages

dagger

44. Streetcar

2. Among

(Eng.)

DOWN

1. Forgiveness

42. Theater seat

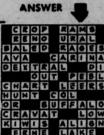
(sym.)

appeared beside the first. They lingered only a moment then began stealthily to approach the door. Sol stepped silently from his hiding place. At the very instant that one of the figures crouched to thrust his weight against the door, he spoke out of person 41. Malayan

"Reach toward the sky, boys! Drop those guns, and turn around. The jig's up. We got the drop on

you! SOL QUICKENED his footsteps. In the darkness he stumbled, regained his feet and came on. At the moment he went down an orange lance of flame streamed out of the

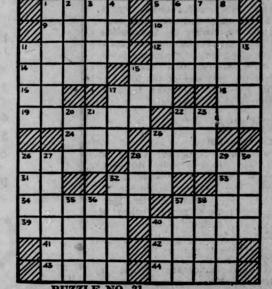
LAST WEEK'S ANSWER _



of business 36. Ireland

32. An alloy of 35. A card

38. Wrinkle (Nat. Hist.) 40. High (Mus.)





Would It Help?

Agitation is beginning to mount for state laws making it a special offense when one hunter accidentaly wounds or kills another while in field or forest.

Supporters of this "special legis-lation" idea claim that with the annual loss of life in hunting accidents showing little, if any, decrease, something should be done by the states to impress upon all nters the need for safety and safety practices.

Each year the warnings are repeated, each year the death toll is recorded just the same.

Under common law, a man killing another hunter may be prosecuted under the manslaughter sta shows that the accidental factor is



sually sufficient for acquittaland all the careless gunner who has killed a man has to worry about is his own conscience.

The problem is a big one and a broad one, and it would be extremely difficult to enact special laws to protect hunters from themselves and at the same time continue to cloak these same hunters with all the privileges and presumptions of pre-accident innocence now provided generally by the law.

However/ there is no denying that a legislative approach to the problem of protecting hunters, with carelessness and the old "I didn't know it was loaded," or "I thought it was a deer" excuses banned as exemptions from punishment, might have a salutary effect.

There is little doubt, too, if the annual slaughter of humans afield continues, the steps already being talked about will certainly be at-

Never shoot at signs no matter what kind. In many cases it is against the law. It's always against the law of common decency. Always restrain the ignorant acts of another.

A Word for Reynard

The hunter or trapper who occasionally finds a pheasant wing, fawn remains, or grouse feathers in a fox den, interprets his finding as a sample of widespread predation on game, and foresees declining game numbers as the result, is mice and other rodents are Reynard's basic diet.

Food studies over the past 20 years, by D. F. Switzenberg, Wisconservation department game biologist, have shown that food items found in fox dens do not constitute a too reliable index to the animal's feeding habits. Dens do not show all the animal and vegetable matter gathered by the



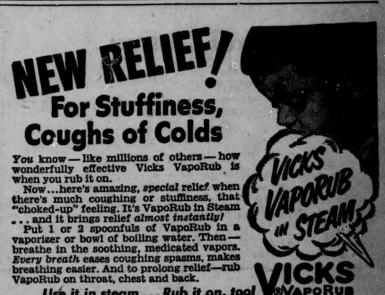
fox, especially small items such as mice, insects and fruits which usually are swallowed whole. Neither can the hunter or trapper be positive that the pheasant, for example, was killed by the fox and not by something else, but dragged into the den by Reynard.

In a North Dakota survey of fox eating habits last year, Switzenberg points out, an examination of 72 fox stomachs revealed the following diet: 47 per cent mice, 23 per cent carrion, 14 per cent rabbits, 9 per cent vegetation, 4 per cent game birds, 2 per cent insects and 1 per cent non-game birds. ΔΔΔ

Wasps for Trout

This is only for the more couragous, of course, but the grubs from wasps' nests makes good trout bait. These nests usually may be found nouses, garages or other buildings. The nests can be knocked down with a broom-but the knockerdowner had better run.

After the wasps have settled down again, the nests can be picked up and sections carried in pocket



Use it in steam ... Rub it on, tool



NATIONAL ENAMELING & STAMPING CO. HOT ROLLS on your table TONIGHT HOT ROLL

JUST ADD WATER -that's all!

PRODUCTS OF AMERICAN HOME FOR

The homemade, oven-

fresh flavor is wonderful.

Try Duff's ::: it's so quick

en easy. Buy a box today!



For positive protection during that trying time, wear Unitex, the invi body contours. No bumps, no bulges. For casual or format wear. Accident pro ture proof cuplike pocket for sanitary Insert. Made of Dupont Nylon or B

Today and every day the year-round, CHAFE-O-TEX protects from chaling in summer and from cold in winter. Ask to see it. If your dealer is out, write for free literature, size chart and order

REPRESENTATIVES WANTED FOR THE DIRECT SALES DIVISION, WRITE FOR INFORMATION

The UNITEX Manufacturing Co., Dept. A-10, Tiffin, Ohlo

