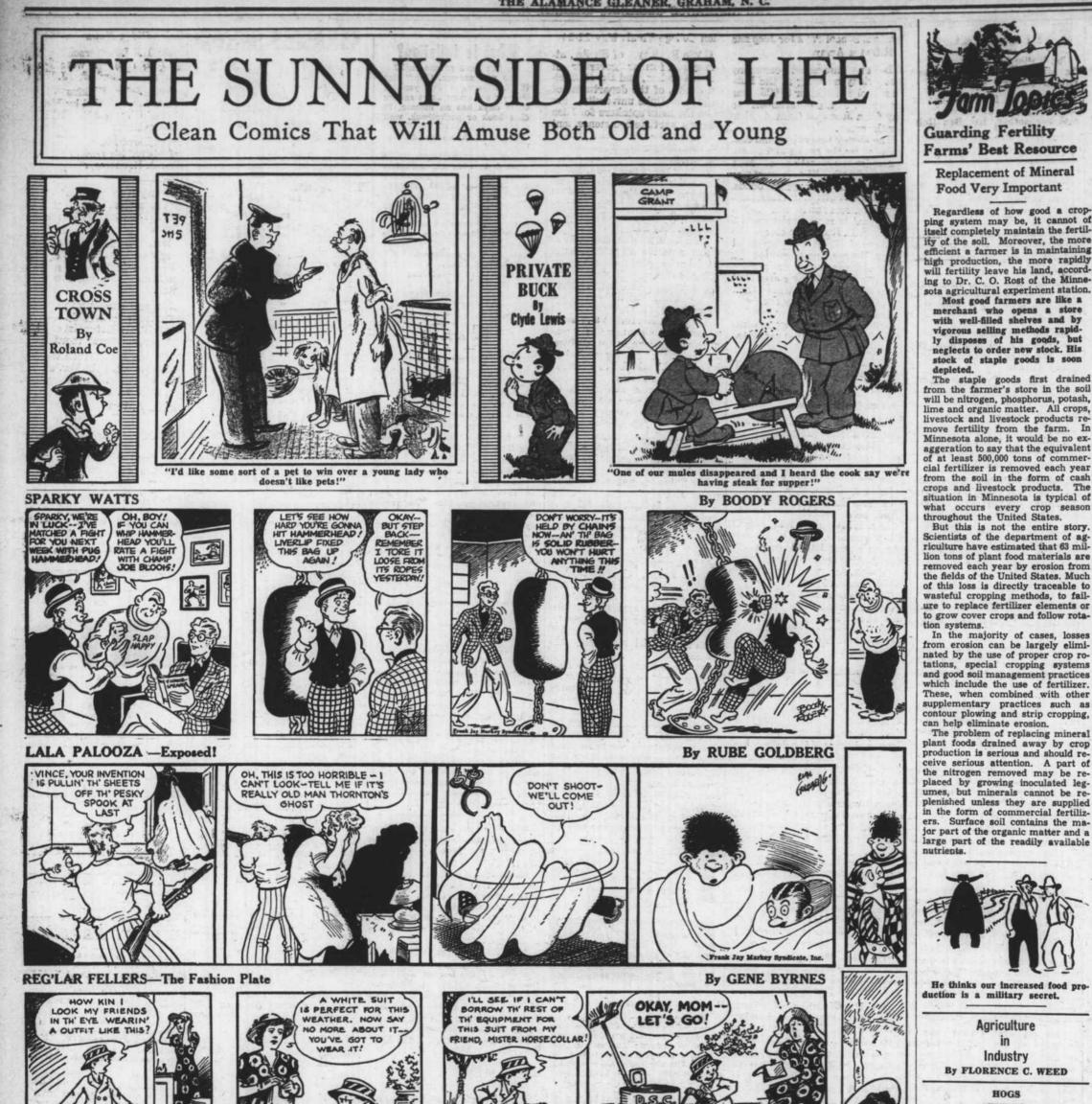
THE ALAMANCE GLEANER, GRAHAM, N. C.





Replacement of Mineral Food Very Important

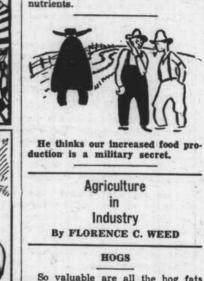
Regardless of how good a crop-ping system may be, it cannot of itself completely maintain the fertil-ity of the soil. Moreover, the more efficient a farmer is in maintaining high production, the more rapidly will fertility leave his land, accord-ing to Dr. C. O. Rost of the Minnesota agricultural experiment station. Most good farmers are like a merchant who opens a store with well-filled shelves and by vigorous selling methods rapid-ly disposes of his goods, but neglects to order new stock. His stock of staple goods is soon depleted.

The staple goods first drained from the farmer's store in the soil will be nitrogen, phosphorus, potash, lime and organic matter. All crops, livestock and livestock products remove fertility from the farm. In Minnesota alone, it would be no exaggeration to say that the equivalent of at least 500,000 tons of commercial fertilizer is removed each year from the soil in the form of cash crops and livestock products. The situation in Minnesota is typical of

Scientists of the department of ag-riculture have estimated that 63 million tons of plant food materials are removed each year by erosion from the fields of the United States. Much of this loss is directly traceable to wasteful cropping methods, to failure to replace fertilizer elements or to grow cover crops and follow rota-

In the majority of cases, losses from erosion can be largely eliminoted by the use of proper crop ro-tations, special cropping systems and good soil management practices which include the use of fertilizer. These, when combined with other supplementary practices such as contour plowing and strip cropping, can help eliminate erosion

The problem of replacing mineral plant foods drained away by crop production is serious and should receive serious attention. A part of the nitrogen removed may be replaced by growing inoculated leg-umes, but minerals cannot be relenished unless they are supplied in the form of commercial fertiliz-ers. Surface soil contains the major part of the organic matter and a large part of the readily available







KEEP your home attractive A through Spring and Summer with airy, cool-looking curtains. Use inexpensive materials like theatrical gauze, fish-net, other sheers. Even unbleached muslin will do for those shown. They're so easy to make, too.

Pattern 7413 contains all information for making curtains and drapes in varied styles.

Due to an unusually large demand and current war conditions, slightly more time is required in filling orders for a few of the most popular pattern numbers. Send your order to:

Sewing Circle Ne 82 Eighth Ave.	New York
Enclose 15 cents cover cost of mai	
No	
Name	
Address	

Gigantic Task of Moving Tank Works in Russia

The Kirov Tank works of Leningrad was one of the largest plants that Russia evacuated to the Urals in 1941, says Collier's. Its buildings, which covered 400 acres and were connected by 30 miles of railroad track, contained six openhearth furnaces, nine electric steel furnaces, nine rolling mills, 310 forges, 420 heating furnaces and 3,500 metal-working machines.

A similar feat would be the mov-ing of the Chrysler Tank Arsenal from Detroit to Denver.



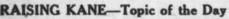




LOVE YOU THE WAY

WE CAN USE THEM_ BUT HOW DOES ONE GET EXTRA VITAMINS

FEE CAKE ?



ELL FOLKS, IT LOOKS LIKE THE

WHOLE TOWN'S TALKING ABOUT THE KANES! MOST PEOPLE SEEN TO THINK

THAT SUGAR IS MARRIED TO A WORTH-LESS, IGNORANT TRAMP! BUT STILL, THERE ARE OTHERS WHO BELIEVE

BIS QUITE A PROBLEM, FOLKS!

WHAT DO YOU THINK ?

2 we

AREN'T YOU TOO FAGGED

BAKE AFTER D

MAN - SIZED JOB

ALL DAY

NOT TO MAKE THIS NEW, QUICK RECIPE. IT'S CINCHY. FULL OF EXTRA VITAMINS, TOO

THAT DILLARD IS O.K.!

CINNAMON COFFEE CAKE! MAKES ME HUNGRY, DOESN'T IT YOU, SUE?



SIMPLE ... BAKE WITH FLEISCHMANN'S YELLOW LABEL YEAST. HAS

VITAMINS A AND D AS

8 COMPLEX, IT'S THE

WELL I CANT



By FRANK WEBB

11



AND JUST THINK, SUE, ALL THESE VITAMINS IN FLEISCHMANN'S YEAST GO RIGHT INTO WHAT-EVER YOU BAKE WITH NO GREAT LOSS IN THE OVEN!





So valuable are all the hog fats that even the water used in the packing house is strained to retrieve floating greases. From these come liquid oils, pasty grease and hard tallow which is sold as lard, manufactured into salves, cosmetics, can-dle stock, metal polish, soap, lubricating oils for engines, explosives, burning oils and animal feeds.

Pepsin is produced from the lin-ings of the stomach of hogs. Glands produce the drug insulin, and liver extract comes from hog liver. Only the large packers can market glands for pharmaceutical uses since they must be marketed quickly in large quantities before deterioration begins.

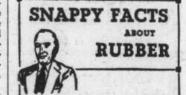
Blood of slaughtered hogs is used in refining sugar, printing calico, in making buttons, shoe polish, fertiliz-er and animal feed. Bones are cut into ornaments, buttons and combs and ground into bone meal and oil, animal feeds and glue.

Bristles from the hog are used as brushes. Hair from the body goes into felting, mattresses, up-holstery, air filters and insula-tion for refrigerators. The skin is marketed for leather goods, razor strops, belts and gloves.

Rural Briefs

Large cows of any breed, when given an equal opportunity, average out better in milk production than

small ones. • • •



out chains and pastocks tens the of the four wheels to the import of a Tranton, N. J. wo-an's car when she parks it in an streets at night.

It was not until 1916 that the U.S. made its first annual appropriation for Federal aid highways. Good roads, good automobiles and good

It is generally bell speeds below 35 m

In return for their sti ving and collecting ed States has ag in and Central Am from 33 to 45 cen ed to pay U. S. al



Nowadays stress is placed on growing green and yellow vegeta-bles and tomatoes, high in Vitamins A and C, and on doing more can-ning, drying, freezing and storing of home-grown fruits and vegetables.