## Soybeans, Cowpeas May Be Grown For Hay

Soybeans and cowpeas may be grown as emergency hay crops in Kentucky, under provisions of the Agricultural Conservation Program, provided they are followed with cover crops, according to an announcement from the College of Agriculture at Lexington.

This fact is said to be of particular interest at this time, since the drouh has focused attention to the need of these crops to offset the scarcity of hay in the state. Thousands of farmers may still sow soybeans, cowpeas, sudan grass, millet and other hay and pasture crops.

Soybeans and cowpeas pastured, grazed or hogged-off, either when green or mature, are classified as soil-conserving crops in the Agricultural Conservation Program. They also may be harvested for hay, and still be classified as soil conserving, provided a winter cover crop is planted on the acreage prior to October 31.

Other changes contemplated in the program, as a result of the drouth, include permission to plant additional acreage of sudan grass, sweet sorghum and millet without affecting soil-conserving payments.

The College of Agriculture recommends soybeans as the best emergency hay crop that still may be grown, if weather conditions are favorable. Cowpeas make equally as good hay, but the seed is more expensive and the hay harder to cure. Drilling soybeans with a grain drill at the rate of ...

### THE NATION HONORED

(Owensboro Messenger)

... their choicest laurels battling against the nation which now honors them.

Those who sheathed their swords at Appomattox and put away their grey uniforms in a reaffirmation of loyalty to the union could not forsee this day when their commanders would be honored with Lincoln and Washington. But the lambent flame of 75 years has been extinguished in the soothing fragrance of a reunited nation, and those who marched down to Dixie with deadly weapons now have children and grandchildren who refuse to become excited over the questions that cleft the country in twain.

It is more than a friendly gesture for the federal government to honor Lee and Jackson as among the great soldiers of the nation from Revolutionary days. It is a recognition of the supreme qualities that set apart the loved and lovable chieftain of the southland and his first lieutenant, a tribute that transcends state lines.

Simple country life on a farm is declared the most hazardous.

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The New Pain Relieving, Alkalizing, Effervescent Tablet
Large Package 60 cents
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## THE GARDEN

### EMERGENCY POTATOES

(John S. Gardner, Kentucky College of Agriculture.)

Because the spring crop of potatoes is short, and because there is unprecedented dearth of seed from which to grow a late crop, attention is being increasingly turned to using for seed the small tubers among the potatoes now being dug. On the face of it, this seems a feasible idea, except for the serious drawback that such potatoes might not sprout in time to make a crop before frost came.

What is not generally understood is that after a potato becomes edibly mature, a certain length of time must elapse before the tuber becomes ripe enough for the eyes to start sprouts. This is called the "rest period," which, for Irish Cobblers, is from 8 to 12 weeks, and for Bliss Triumphs, a week or two less.

There are several ways of shortening this period. One is "sungreening," merely spreading the potatoes on a floor, so they receive direct sun-light for several hours a day, and day-light, the rest. After an interval, sprouts start; then, the potatoes should be planted. This method may shorten the rest period from 2 to 4 weeks, but that is not enough, unless the potatoes were ready to dig in June, and the fall season extraordinarily favorable and long. That is to say, a late crop produced from sun-greened seed might not include many tubers large enough to use for the table, except optimum conditions prevailed. However, even though no table crop resulted, potatoes of seed size, excellent to plant in the spring to follow, might be made. ...

## Suggests Sudan, Soybeans As Emergency Crops

Sudan grass is named by Prof. E. J. Kinney of the Kentucky College of Agriculture as probably the best emergency crop to sow for late summer and fall pasture. Sown now, with favorable weather conditions, it should furnish a large amount of grazing until killed by frost. Drilling is preferred to broadcasting, using 25 to 30 pounds of seed to the acre.

As the supply of hay in Kentucky is certain to be scanty, Prof. Kinney suggests liberal seedings of rye or other small grains, in order to lessen the amount of hay needed.

For an emergency hay crop, he recommends soybeans, the seed of which is said to be plentiful. Best varieties for late seeding are Virginia, Wilson and other medium late kinds. Cowpeas give better yields than soybeans from late seedings, but the seed costs more and the hay is more difficult to cure.

Sudan grass and millets permit even later seeding than soybeans or cowpeas, but the hay is less valuable. Millet will make a crop when sown as late as August 1, if moisture conditions are favorable.

If most of the lespedeza is killed by the drouth, seed will be scarce as the carry-over was small. Therefore, Prof. Kinney recommends that surviving stands be kept for seed.

He also suggests that alfalfa be sown this fall wherever possible. Alfalfa is unquestionably the most dependable hay crop that can be grown in Kentucky. He also would sow more grass with small grains.

## Advises Culling And Better Care

...

## "Sauer Ruben" Is Name Of "Turnip Sauerkraut"

...

## Many Anniversaries During Month Of July

...

## IMPROVED UNIFORM INTERNATIONAL SUNDAY SCHOOL Lesson

### Lesson for July 12

WITNESSING UNDER PERSECUTION

...

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STOPS GAPES
Sold by HOPKINS DRUG CO.

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Prices on all Peters Shoes substantially reduced.

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Lexington Laundry Company

## Notice!

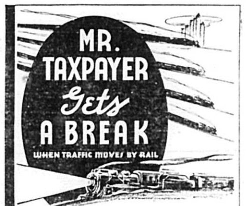
OUR SCHOOLS are making most strenuous effort to balance our budget. Please help us NOW.

Yours truly,

**Sam K. Veach**

Sec.-Treas.

MR. TAXPAYER Gets A BREAK
WHEN TRAFFIC MOVES BY RAIL



*But he must dig into his pocket for certain other forms of transportation . . .*

- Last year the Louisville & Nashville Railroad carried 35 million tons of freight of all kinds—from sand to silk. The patron paid about ¾ of a cent per ton for each mile this freight moved. Passengers paid an average of 1.6 cents for each mile they rode on L. & N. trains. Out of the earnings from these low rates the L. & N. paid all of the expense of operation and upkeep, as well as large taxes on its property.
- On inland waterways Mr. Taxpayer bears a large part of the transportation cost, yet generally the consumer buys his goods no cheaper. Mr. Taxpayer actually plays Santa Claus to concerns operating on the rivers—for example, it costs the taxpayers $136,000 per mile to build the locks and dams on the Ohio River; they pay $4,000 per mile per year to keep them going. The L. & N. built and maintains its own right of way for less than one-half these amounts.
- Good authority states the taxpayers' contribution to the construction and maintenance of highways is not compensated by the commercial users; that the average 20-passenger bus pays about $436 per year toward road building and upkeep, while its fair share of the cost is $1,051, and that the average 5-ton truck pays $366 per year when it should pay $1,629.
- Enormous funds are spent for lighted airways, routes and airports, yet commercial users pay no direct tolls on what the taxpayer furnishes.
- The railroads do not get any such help. At the same time they pay taxes on those things used by some of their competitors. Notwithstanding this, and despite strict regulation, the railroads are doing the country's major transportation job, with constantly improving service.
- Give the railroads a break too.

LOUISVILLE & NASHVILLE
"The Friendly Railroad"



## THE FARM AND HOME

(Kentucky Agricultural Experiment Station)

It pays to make children's garments well. They must stand hard wear and frequent washings, which means that the materials must be good and the construction well done. Close stiching is advisable. All finishes should be smooth and flat.

Don't forget the farm account in the rush of summer work. Acreages and yields should be carefully recorded at harvest time, when there can be no mistakes. Ages, gains and other facts about livestock should be recorded from time to time during the season.

Water in the house is probably the first modern equipment to be given consideration. The College of Agriculture at Lexington and county and home demonstration agents are prepared to help farmers plan water systems for their homes.

Cream separators are designed to operate at a certain speed. Slower speed results in a larger volume of thinner cream and a loss of butterfat in the skimmilk. Higher speed causes a smaller volume of richer cream and more skimmilk.

To control cucumber beetles, use a well-mixed dust made of one part of calcium arsenate and 15 parts of gypsum or land plaster. Screen the hair out of the plaster before mixing. The dust may be applied with a gunny sack.

Experiments at the University of California indicate neutron beams are twice as lethal to cancer as X-rays.

## STONY CREEK

(Lorene Dampier, Cor.)

Mr. and Mrs. F. H. Bowles and son spent Sunday with Mr. and Mrs. Bob Lantern at Paris.

Mr. and Mrs. Harry Cummings and Mr. and Mrs. Louis Schwegler, of Covington, spent the week end with Mr. and Mrs. Tilton Shrout.

Rev. J. E. Hampton, of Carrollton, who preached at Stony Creek Saturday night and Sunday afternoon, visited Mr. and Mrs. Tom Dampier and family.

Several from here were at Joyland Park for the Fourth.

Mrs. John Livengood, who has been ill for the past month, is able to be out.

More pupils in our high schools study Latin than all other foreign languages combined.

EXCITING MEALS
That Cook themselves while you're away

DON'T BUY IT
EARN IT!
Our local manager will gladly ... details. You can have an all-electric kitchen (range, refrigerator, dish washer, water heater) for as little as $15 monthly.

MRS. HOUSEWIFE: When I am your cook, you simply place your entire meal—from meat to dessert—in a cold oven, set the controls that signal me to get busy . . . and go your way. Return just before dinner and your meal is ready. Every day I cook for more than a million other wives and they're happily excited about my work. Here are four simple hot-weather meals readily prepared in your electric range:

*1. Stewed chicken and dumplings, sweet pickle relish, buttered peas, orange jelly roll, coffee. 2. Vegetable soup, baked ham with sweet potatoes, green beans, corn bread, cherry pie, coffee. 3. Oven fried chicken, riced potatoes, mint butter carrots, blueberry betty, coffee. 4. Baked beans au gratin, brown bread, cabbage relish, baked spiced apples, coffee.*

Let our local manager tell you the amazing advantages of electric cookery. See our display of HOTPOINT ranges and other good makes sold by local dealers. Why not install your range now?

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Your Electrical Servant

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OFFER No. 1
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## Pays to Terrace to Halt Erosion

### Simple and Economical Way Described by an Expert in Engineering.

By R. W. ..., Head Dept. of Agricultural Engineering, University of ...—WNU Service.

By applying labor and power equal to that needed for one plowing, many farmers can halt erosion which is now costing them billions of dollars in loss of fertility, the washing away of valuable top soil and the slow destruction of their farms.

This estimate applies to the terracing of fields with moderate slopes and in good condition. Steeper slopes, gullies and other conditions naturally will increase the amount of labor and power needed for terracing.

The actual amount of cash needed for terracing depends upon how much of the labor and power is furnished by the farmer. Five farmers reported an average cost of $2 an acre, one indicated that the cost was $3 and 17 replied that their terraces had cost nothing, since they did their own work with homemade or borrowed equipment and teams.

Where the field has only a moderate slope and is free of bad gullies, rocks, stumps and depressions, terraces 15 inches high and 20 feet wide may be constructed at a cost of about $1.50 an acre, according to United States Department of Agriculture, the cost may run as high as $15 an acre not counting the cost of outlets.

Variation in the slope is one of the biggest factors in the cost of terracing on good land. Where the slope averages only 3 per cent the land can be adequately protected by about 200 feet of terraces, but a 6 per cent slope will call for about 450 feet of terraces to the acre.

Other factors entering into the cost include the kind of soil, type of machinery and power used, condition of the field as to stumps and gullies, prevalence of brush and the experience of the operator. However, terraces, like fences, may be considered a necessary evil on most farms. Fences protect the crops from live stock and terraces protect the soil from erosion. Even though a farm might be worth only $10 an acre, the owner would be justified in spending considerable time and effort as well as some cash in terracing it, if the terraces would conserve the farm and make it possible for him to continue growing crops on the land. Terraces may not be justified on badly-gullied land except to protect building sites or roadways.

## Woodlot Made Productive, Paying Perpetual Profit

Farmers may not be interested in perpetual motion, but they are interested in perpetual profit, says Robert B. Parmenter, extension forester at Massachusetts State college. By practicing stand improvement, wood lot owners can get money perpetually.

Parmenter pointed out several sure-fire methods of making the wood lot pay. First, by using horse sense when cutting the winter's supply of fuel-wood.

Second, by logging with an eye for preserving the stand and by leaving something for another year.

Third, by making the trees furnish needed farm supplies such as wagon poles, whiffletrees, eveners, or fence posts.

Fourth, by growing and marketing Christmas trees. And fifth, by working the wood lot every winter.

The old cut-and-get-out basis, he said, is a quick way to lose good dollars. In contrast, stand improvement is economically sound and is bound to pay big dividends.

### Oats for Pigs

Experiments indicate that oats are 60 to 75 per cent as efficient as corn for fattening pigs if they form about one-third of the ration and are ground or crushed. Hulling, it is said, does not pay. Oats alone or with a protein content concentrate are not as good feed as when fed with corn. Because oats are not as palatable as some grains, hogs will eat more than the necessary amount of protein supplement if they have access to it. For 60-pound shoats in dry lot two or three pounds of supplement is sufficient for a bushel of oats or half as much on pasture.—Missouri Farmer.

### Corn Smut

Corn smut is a fungus and is carried over from one year to another on old stalks, on fodder, in manure and probably also in the soil. Since the disease is not seed borne, seed treatment is useless. The collection of the smutted ears and stalks before the spores are spread will help greatly to control the trouble if it can be done. The use of smut infected manure should be avoided, and the corn crop should be rotated so as not to occur on the same land oftener than once in three or more years.

### Sleeping Sickness

During the winter, it is not likely that other horses will catch sleeping sickness from an animal that has recovered. In summer, such a thing might occur, but it is somewhat rare. So far as we know, cattle will not become infected from horses. The barn, of course, should be very carefully cleaned and disinfected before putting in healthy animals. Thorough cleaning, followed by scrubbing with hot water and lye, is about the best that can be done.

### Agricultural Briefs

Foot-and-mouth disease continues to take its toll of live stock in the United Kingdom.

• • •

Experienced shepherds believe that it pays to have the ewes gaining in flesh at breeding time.

• • •

Promising field tests from a vaccine to prevent sleeping sickness in horses, a disease already found in 16 states, are reported by the United States bureau of animal industry.

## TAYLOR'S CREEK

Mr. and Mrs. R. C. McIlvain and Mr. and Mrs. R. M. McIlvain and daughters spent Sunday with Mr. and Mrs. T. F. Clinkenbeard and family.

Little Harold Lloyd Clinkenbeard is visiting his grandparents, Mr. and Mrs. Richard McIlvain.

Mr. and Mrs. H. C. Hewin and family and Mrs. Calvert Asbury spent Sunday with Mrs. G. W. Love.

Mr. and Mrs. Marion Hutchison spent Sunday with Mr. and Mrs. John Hutchison.

Miss Wanda Gillespie has gone to Covington for an extended visit with relatives.

Turney Shannon spent the week end with his parents, Mr. and Mrs. John Shannon.

Mrs. Sam Harding, of near Paris, spent one day the past week with Mrs. Everett Swim.

Mr. and Mrs. Everett Swim visited his parents, Mr. and Mrs. W. D. Swim at Myers Station, Sunday.

Mr. and Mrs. Willie Smith, of Lexington, spent the week end with Mr. and Mrs. Erwine Crowe.

Mrs. Estille Honaker and son and Mr. and Mrs. Joe Sexton spent Sunday with Mr. and Mrs. G. W. Sexton.

Mr. and Mrs. Edgar Huffstetter and daughter spent Sunday with Mr. and Mrs. Tom Wasson.

Alvin Banta has returned from a visit with friends in Middletown, Ohio.

## MIRANDA

Mr. and Mrs. Omar Hunt spent the past week with Harrison Hunt and family.

Henry Heflin and two daughters, of Maysville, spent from Friday until Sunday with Mike Heflin and family.

Mrs. Robert Haardin entertained her sister from Indiana the past week.

Miss Anna Maye Steel, of Carlisle, spent the week end with Misses Ruth and Florene Fite.

Harrison Hunt and family spent Sunday with Mr. and Mrs. John Hunt.

Henry Heflin and two daughters and Mike Heflin and family spent Sunday with Martin Heflin and family.

Misses Florene and Elsie Fite spent Sunday afternoon with Miss Opal Robinson.

Estill Setters spent one night recently with A. C. Bussell and family.

Mrs. D. B. Smart spent several days the past week with relatives and friends at Jenkins and Ashland.

Mr. Lowery and family and Miss Sophia McCabe were at Mammoth Cave last Friday and Saturday.

Holmes Smart and family, of Montgomery county, spent Sunday with D. B. Smart.

Several from here were at Cassidy Sunday to the all day meeting.

## SCRUB GRASS

(J. P. Minton, Correspondent)

Mrs. Lillian Boggess and daughter, of Norwood, Ohio, spent the week with her parents, Mr. and Mrs. Tom Fitzpatrick and attended the revival at Cassidy.

Mr. and Mrs. John Hilander and children spent Sunday with Bush Reid.

Howard McCarty returned home Friday night on a vacation from the CCC camp.

Mr. and Mrs. Russell Bowles and son spent Saturday night and Sunday with Mr. and Mrs. John Bowles.

Mrs. Mayme McCarty and daughter spent Sunday with Mrs. Alice McCarty.

Mr. and Mrs. Marshall Walton and Mr. and Mrs. James Minton spent a few hours Sunday night with Mr. and Mrs. Hanson Walton.

Mr. and Mrs. Ralph Bowen spent Sunday afternoon with Mr. and Mrs. Clarence McCarty.

Mr. and Mrs. Everett Swim spent Sunday afternoon with W. D. Swim.

Mrs. Lucy McCarty and children spent the week end with Mrs. Burton Farris.

## EAST UNION

(Mrs. Essel Barr, Correspondent)

Mrs. Johnny Gilvin and daughter spent the past week with Mr. and Mrs. William Campbell at Sharpsburg.

Mrs. Sidney Clay and children are guests of Mr. and Mrs. Morgan Ring.

Mrs. G. W. Hunt and daughter spent the past week with Mr. and Mrs. Bruce Hurst and son.

Mrs. James Gilvin, Johnny and Hansford Gilvin and Miss Naomi Maze were Sunday guests of Mrs. Edward Blount at Moorefield.

Mr. and Mrs. John George, Mr. and Mrs. A. P. Scott, of Milltown, and Mr. and Mrs. Clarence Ring, of Paris, were Sunday guests of Russell Barr and family.

The revival meeting conducted by Rev. A. E. Brooks, of Mt. Sterling, will begin Sunday, July 12, and continue till July 26. All are cordially invited to attend.

## CONCORD

Mrs. Kimbrough Hamilton is much better at this writing.

Mrs. J. T. Alexander spent Friday with Mrs. B. R. Owings.

Mrs. Ernest Alexander spent Thursday afternoon with Mrs. J. T. Alexander.

William Alexander, of Cincinnati, spent the week end with Mr. and Mrs. J. T. Alexander and family.

A truck load of people from this community motored to Joyland Park Saturday night, July 4.

George Smart, of Carlisle, spent the week end with Mr. and Mrs. Ernest Alexander and family.

Mrs. Essye McCann, of Carlisle, is visiting Mr. and Mrs. J. T. Alexander and family.

## BANTA

(Martha Walton, Correspondent)

Mr. and Mrs. Leroy Wagoner and Mr. and Mrs. Johnny Smits, of Paris, spent Sunday with Mr. and Mrs. Radford Banta and family.

Mrs. Ed Bowen spent Sunday with her mother, Mrs. Parish, near Ellisville.

Hanson Walton was badly hurt when he was kicked by a horse Saturday morning.

Mr. and Mrs. Clarence Prather and Frank Carmichael spent a few hours Saturday night with Mr. and Mrs. Hanson Walton.

Mr. and Mrs. Hanson Walton and family had as guests Sunday afternoon Mr. and Mrs. N. D. Clary, of Cane Run, Ella Dee Walton, Ruby George and Lillie George, of near Myers, Robert Dampier and Leroy Bowles and Frank Walton, of Stony Creek, Joe Walton, of Myers, Russell Morgan, of Pleasant Valley, Mr. and Mrs. Marshall Walton and Mr. and Mrs. James Minton, of Myers, Mrs. Annie Brinegar and Mrs. H. B. Wagoner.

R. J. Banta has returned home from a week's visit with his sisters, Mrs. Leroy Wagoner and Mrs. Johnny Smits at Paris.

## PANTHER CREEK

Mrs. Jake Wagoner and daughter spent Monday afternoon with Mrs. Romie Purcell and mother, Mrs. Sarah Fryman.

Mrs. James Parsons spent Friday with Mrs. Robert Maybrier.

Miss Beulah Linville spent Friday with Miss Dorothy Wagoner.

Mr. and Mrs. Romie Purcell and Mrs. Sarah Fryman spent Thursday afternoon with Mr. and Mrs. Sammie Fryman near Crayton.

Mrs. Bess O'Neal and son, Edward, of near Millersburg, spent Thursday afternoon with Mrs. Jake Wagoner and daughter.

Rev. and Mrs. Finch and three sons, of near Saltwell, took dinner with Mr. and Mrs. Matt Gaunce.

Mrs. Clifton Pryor spent Sunday with Mr. and Mrs. Smith at the county infirmary.

## BEAVER

(Mrs. George L. Gaunce, Cor.)

Mr. and Mrs. W. C. Fryman, Mr. and Mrs. Oda Fryman and Walker Fryman, all of Mt. Olivet, were guests of Mr. and Mrs. Reginald Linville and family Sunday afternooon.

Mrs. Mollie Reeves spent Sunday with Mr. and Mrs. Otha Sparks at Headquarters.

Mr. and Mrs. Mike Heflin and son, Mrs. Mary Heflin, of Miranda and Henry Heflin and two daughters, of Maysville, spent Sunday with Martin Heflin and family. Afternoon guests were Clarence Heflin and family, of Lexington, John Heflin, of North Middletown.

Mrs. George L. Gaunce and Mrs. Ollie Gaunce spent Friday with Mrs. Mollie Reeves.

Picture of a Man Kissing His Girl in the Dark

The Man Who Doesn't ADVERTISE
Is Like the Fellow
Who Kisses His Gal
In the Dark.
He May Know
What He's Doing
But Nobody Else Does!

**The Carlisle Mercury**

Only Newspaper In Nicholas County