

# Provisions Of New Seed Act Explained

DECLARATIONS as to the variety of seed shipped in interstate commerce are subject to inspection by Federal inspectors under the new Federal Seed Act, A. D. Stuart, State college seed specialist, cautions.

The regulations under the act provide for the issuance by growers of declarations as to variety for seed which cannot be distinguished from other varieties by seed characteristics. It is usually possible for seed dealers to sell seed, labeled as to variety, for a higher price than seed of which the variety is unknown, Stuart says.

"Seedmen, in purchasing supplies for the coming year, will no doubt request farmers to sign declarations of variety," the State College specialist continued. "A farmer should feel free to sign a growers' declaration, if he knows the variety of the seed. Since the declarations are subject to inspection, along with other records, under the Federal Seed Act, the grower is advised to retain any records or other evidence on which he relied in making the declaration. If the grower does not know definitely the variety of the seed, he should not sign the declaration."

Stuart also called attention to the new regulations which will hereafter prohibit the use of the term "Affidavit Grimm alfalfa" with which many farmers are familiar. "The new Federal Act will not allow the use of this name in full because the word 'affidavit' is no part of the name of the seed which the law requires should be given," he explained. "From now on the words 'Grimm Alfalfa' will appear on bags of seed of this variety."

In conclusion, the specialist said that the new law is expected to protect farmers against buying inferior seed, and by knowing the variety of the seed, they will receive more money for them.

## SURVEY

A full survey of the food industry to determine its capacities in various fields which would be available in time of national emergency is being made by the Defense Advisory Commission.

# OUR DEFENSE

## THE ARMY OF THE UNITED STATES The Cavalry

Yes, there still is Cavalry. The Cavalry is very explicit on that subject. The Cavalry is usually what gets to the fight first. They may come on horses, as there are some territories where a horse is still the best means of going places. But a lot larger number gallop up in armored cars and in combat cars, that look, and—if you are on the receiving end—feel just like tanks. In fact they are tanks. Tucked away in the Cavalry are even men mounted on motorcycles. The Cavalry is still the fastest moving ground-fighting arm.

The Cavalry stays out in front of the main Army, exploring the ground ahead. Because of its ability to move far and fast it is supposed to spend a good portion of time in the enemies' rear lines making a mess of things. To move being its prime function, a cavalry regiment needs the wherewithal to get places, and the job devolving on the National Defense Advisory Commission, in respect to the Cavalry, is to tell the Army where, and when, and how, it can procure that transportation.

When it comes to horses for the horse cavalry, the Commission bows to the Army. They have been buying and raising horseflesh for so many years that they know the name, address, and personal history of every type of horse they need. Sturdy half or three-quarter bred for hell-for-leather riding purposes, and heavier types for pack purposes. The American Cavalry is fitted out with heavy machine guns, mortars, and howitzers, which can be taken apart and made into several suitable one-horse loads. Just for information, the Cavalry when it gets to a fight, dismounts and sends the horses back.

### MECHANIZED CAVALRY

A mechanized cavalry regiment is made up of four combat car troops of about 100 men each. These are the striking power of the mechanized cavalry. Many of these may shortly be transferred to the new Armored Force.

There is a service troop which provides for transportation and maintenance. The reconnaissance troop is used by the regimental commander to find out where the enemy is at

any given moment.

Like the combat cars, all the command cars are equipped with machine guns, and two-way radios so that the commanders are set up to give orders to their units whether they are moving or waiting to move. So it is that every part of a mechanized cavalry regiment is able to roll, and it has a tremendous fire power, which makes it hell-on-wheels.

For weapons the mechanized cavalry has pistols, rifles, .30 caliber air-cooled machine guns, .30 caliber water-cooled heavy machine guns, .50 caliber machine guns and 37 mm. guns (both used as antitank guns) and a 4.2-inch mortar to fire smoke shells. These shells are used as protection against enemy antitank guns. And to add a typically American touch, the Cavalry is supplied with the famous "Tommy Guns," beloved of the prohibition wars.

A cavalry division also has all the units of the infantry division. For example, it has a field artillery unit, drawn by six-horse teams in a horse cavalry unit and by trucks in a mechanized unit. The distinguishing mark of a cavalry division is that it contains no one who habitually walks.

### KEEPING THE CAVALRY ROLLING

Now to keep all the rolling stock of a cavalry division able to roll takes considerable organization. There have to be men able to make a gasoline or diesel motor purr when the motor may want to quit. There have to be others who know where the proper supplies of fuel are located and how to get that fuel into the gas tanks no matter where those gas tanks happen to be. And that's no easy job when you realize that mechanized cavalry can get up in the morning, break camp, eat a hearty breakfast, get moving, and by nightfall be some three hundred miles and several thousand gallons of fuel away. And if the boys are to the rear of the enemy, the enemy undoubtedly will persuade the local filling stations not to sell them fuel. The fuel has got to go with the forces. Also the supply service must be ready to fix flat tires, tired tanks, jammed guns, and give relief to the

## List Of Farmers Having Winter Crops

The State College Extension Service has compiled a list of farmers having surplus legume and small grain seed available for the drought and flood-stricken areas of North Carolina. A copy of this list has been placed in the hands of every county farm agent in the State.

John W. Goodman, assistant Extension director, acted promptly when it was evident that the dry weather in July and the heavy rains and floods in August had destroyed thousands of acres of food and feed crops, and many bushels of stored seed. He called upon Extension agents to report on seed surpluses in their counties.

The survey showed that there are available: 124,835 bushels of rye seed, 61,232 bushels of wheat, 18,500 bushels of barley, 1,000 bushels of rye, 30,000 bushels of crimson clover, 17,000 bushels of Italian rye grass, and 5,000 bushels of vetch.

"Farmers who have lost a part or all of their corn and hay crops should immediately communicate with their county farm agent and learn the sources of this surplus seed," Goodman said. "This is the planting

season for small grains and winter grazing crops in most of the State, and even in areas where the drought and floods did not cause any damage, it is wise to have some of these crops growing to protect and enrich the soil during the winter months."

The list of surplus seed sources shows the following varieties and amounts of oats available: Lee, 3,100 bushels; Fulgrain, 71,385; Forward, 13,000; Farrow No. 114, 1,000; Fulcaster, 300; V. P. I. No. 131, 1,000; Coker 32-1, 5,500; Coker 33-47, 1,000; Coker, 33-50, 1,750; Norton, 1,300; Fulghum, 13,000; and unnamed varieties, 12,500 bushels.

Redhart, Purple Straw and Leap's varieties of wheat; Abruzzi rye, and North Carolina No. 15, Tennessee 6, Marrett Beardless, and unnamed varieties of barley are available.

Stingo—I fell off a 32-foot ladder yesterday.

Bingo—How did it happen that you were not killed?

Stingo—I only fell off the third step.

Nexdore—I'm going to take my radio with me when I go on my vacation.

Nayber—That's very thoughtful of you. It certainly needs a vacation.

## Kidneys Must Clean Out Acids

Excess acids, poisons and wastes in your blood are removed chiefly by your kidneys. Getting up Nights, Burning Passages, Backache, Swollen Ankles, Nervousness, Rheumatic Pains, Dizziness, Circles Under Eyes, and feeling worn out, often are caused by non-organic and non-systemic Kidney and Bladder troubles. Usually in such cases, the very first dose of Cystex goes right to work helping the Kidneys flush out excess acids and wastes. And this cleansing, purifying Kidney action, in just a day or so, may easily make you feel younger, stronger and better than in years. A printed guarantee wrapped around each package of Cystex insures an immediate refund of the full cost unless you are completely satisfied. You have everything to gain and nothing to lose under this positive money back guarantee so get Cystex from your druggist today for only 35c.

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