

MOUNTAINS CAN FURNISH EAST SEED POTATOES

Experiments Show Money For Seed Irish Potatoes Can Be Kept in N. C.

Seed Irish potatoes can be grown in western North Carolina equal, or superior, to the out-of-state seed now used by commercial producers of the early potatoes in the eastern section of the state, says M. E. Gardner, head of the department of horticulture at State College.

Experiments with North Carolina mountain grown cobbler seed against seed from Maine was started in 1923. Eighteen tests were made that year and the North Carolina seed gave a yield advantage of 16 per cent. Fourteen tests were made in 1924 with the mountain seed showing a 10 per cent advantage. Similar results were obtained in 1932 and this year.

"Our eastern farmers secure most of their seed Irish potatoes from Maine and plant each year approximately 375,000 bushels, representing a money outlay of between \$450,000 and one-half million dollars," Mr. Gardner says.

The greater portion of this money can be kept in this state, he believes, if the mountain farmers would plant more seed potatoes for certification. The crop is said to fit well into the general farming scheme of the mountain district and could be developed into a major farming enterprise in that region.

Mr. Gardner predicts that seed potato raising is soon to develop into a profitable business in the mountain section. He says the increased number of bushels of potatoes listed for certification with the Crop Improvement Association during the last three years shows this to be true.

SORGHUM SIRUP GETS ATTENTION

Valuable Facts Relating to "Long Sweetening" Are Discovered

Sorghum sirup, home-made molasses or "long sweetening," a palatable Southern farm crop and one that has

AGREEMENT

The text of the tobacco-acreage reduction agreement being submitted to all tobacco farmers is as follows:

"The undersigned will, when it is presented to him by or on behalf of the Secretary of Agriculture, sign a formal agreement with the Secretary of Agriculture by which the undersigned will agree to reduce his production on his farm of flue-cured tobacco for the years 1934 and 1935 in such amount as the Secretary, in his discretion, may designate for each such year, provided that in no event shall the required reduction during any year be more than 30 per cent of the average production of his farm during the years 1931, 1932, and 1933; such reduction shall be based on acreage and-or pound age; and the consideration for such reduction shall be the payment to the undersigned by the Secretary of rental and-or benefit payments in such amount, and at such times as the Secretary may determine."

The blank also contains blanks for describing acreage and production of tobacco for 1931, 1932, and 1933, as well as description of the property farmed by the signer.

quired favor in North Carolina in these later years has been the subject of considerable study by the United States Department of Agriculture recently and its experts have found some valuable facts about the sirup.

The department has recently issued two mimeographed publications, one bearing the title, "How To Make Best Quality Sorghum Sirup" and the other, "How To Prevent Jellying and Slow Boiling and How To Prevent Sugaring." Both of these two interesting circulars are adaptable to North Carolina and both may be had free of charge on application to the Bureau of Chemistry and Soils, United States Department of Agriculture, Mr. H. S. Paine, at the address given, will send the two publications.

Mr. Paine recently sent Emil K. Ventre into this State to make some investigations into the growth of sorghum for sirup. The field man was surprised to find that most good farms in the State grew at least a patch of sorghum cane for sirup purposes. He

SAYS BARNYARD MANURE AMONG BEST FERTILIZER

Care Is of First Importance According To Guy Cardwell

By GUY A. CARDWELL

Fertilizer, in agriculture, is any substance added to the soil to stimulate plant growth. Plants need certain elements of growth. Any substance that furnishes one or more of these elements, or that makes available an element already in the soil, may be regarded as a fertilizer. In a broad sense water is a fertilizer. Water is needed for plant growth, and water acts on soil to free elements needed by vegetation; but the term fertilizer is usually held to include only barnyard manures, green manures, and commercial fertilizers.

Barnyard manures are the best for general purposes. A ton of barnyard manure may not contain more than 30 or 40 pounds of the food required by plants; but, in rotting in the ground, the coarse stuff may act on the particles of the soil and set several hundred pounds of plant food free, and not only that, the rough part of the manure tids the soil in holding moisture. The principal elements of plant food contained in barnyard manure are nitrogen, phosphoric acid, and potash. One ton of average stable manure contains about 10 pounds of nitrogen, 10 pounds of potash, and 5 pounds of phosphoric acid.

Animals fed on nitrogenous foods, as clover, alfalfa, bran, oilmeal, oats, and cottonseed meal, supply manure high in nitrogen. Animals fed chiefly on wild hay, straw, corn fodder, and timothy do not yield manure of as valuable a quality. Young growing animals, as colts and calves, and lean animals—nimals needing the nutritious elements of food for their own growth—do not supply a valuable barnyard manure as older animals and fat animals. Manure from fitting steers and fat hogs is particularly rich in plant food. Building up bone and meat requires the elements that otherwise go to make rich manure. Putting on more fat requires the elements that plants derive from the air, and leaves for the manure pile the elements that the plants derive from soil—nitrogen, phosphoric acid, and potash, which, if returned to the soil, restores its fertility. The guano from the poultry yard is a highly concentrated fertilizer.

The care of barnyard manure is of first importance. Dry manures, such as are obtained from horses, sheep,

nd poultry, re likely to heat—a process that liberates nitrogen, one of the very elements most desired for the field. A "smoking" manure pile loses strength rapidly, and becomes about as valuable as so much straw. Dry manure may be prevented from "burning" by keeping the pile moderately wet or by mixing it with the cold and wet manure from the cow barn and pig pen. A manure pile should on no account be allowed to leach. The colored liquid that runs away from the pile during a rain is precisely what the soil requires. Its escape is quite as wasteful as rate holes in a granary. If a pile is to be formed, it should be made in a hollow spot. A concreted bottom saves its cost many times over. A broad, flat pile, tramped thoroughly by stock, saves the strength of the manure best. Droppings around the yard should be thrown into the pile, winter and summer. Stable liquids are exceedingly valuable; they should be absorbed by bedding and be added to the pile. Straw bedding is best for the land.

Wilson County tobacco growers report the best quality of leaf since 1911.

The Martin County curb market sold \$49.63 worth of cake during the month of August. The total sales for the month were \$124.59.

Having qualified as administrator of the estate of Mary F. Tarkenton, late of Washington County, North Carolina, this is to notify all persons holding claims against the estate to file same with the undersigned at Maskeys

N. C., on or before August 29, 1934, or this notice will be pleaded in bar of their recovery. All persons indebted to said estate are urged to make immediate settlement.

This the 29th day of August, 1933. J. C. TARKENTON, Administrator of the Estate of Mary F. Tarkenton.

NOTICE OF ADMINISTRATION Having qualified as administratrix of the estate of Chas. E. Mizelle, late of Washington County, North Carolina, this is to notify all persons holding claims against the said estate to file same with the undersigned at Roper, N. C., on or before August 1, 1934, or this notice will be pleaded in bar of their recovery. All persons indebted to said estate are urged to make immediate settlement.

This the 1st day of August, 1933. ISOLIND L. MIZELLE, Administratrix of the Estate of Charles E. Mizelle.

NOTICE OF SALE Under and by virtue of an execution issued out of the Superior Court of Washington County, North Carolina, in an action lately pending therein, entitled, "E. D. & Kemp vs. J. S. Shugar," and to satisfy the said execution, the undersigned sheriff of Washington County, North Carolina, will offer for sale, at the courthouse door in Washington County, at 12 o'clock noon, on the first Monday in October, 1933, it being the 2nd day of October, all of the right, title, and interest which J. S. Shugar had on the 6th day of August, 1930, in and to that certain real

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property, together with improvements thereon, described and referred to as follows: "Being the eastern half of lot No. 75, as shown on the map of the town of Plymouth, bounded on the south by Third Street in said town; on the west by the property of Mrs. Hassell; on the north by the school property, and on the east by the property of Mrs. Norman, it being the same house and lot where the defendant, J. S. Shugar, now resides with his family, together with the buildings and improvements on the said property."

The bidder at such sale will be required to deposit as much as 10 per cent of the amount bid in cash as a guaranty of good faith, pending confirmation as required by the acts of the 1933 session of the legislature.

This the 31st day of August, 1933. J. K. REID, Sheriff of Washington County.

NOTICE OF SALE Under and by virtue of an execution issued out of the Superior Court of Washington County, North Carolina, in an action lately pending therein, entitled, "E. D. & Kemp vs. J. S. Shugar," and to satisfy the said execution, the undersigned sheriff of Washington County, North Carolina, will offer for sale, at the courthouse door in Washington County, at 12 o'clock noon, on the first Monday in October, 1933, it being the 2nd day of October, all of the right, title, and interest which J. S. Shugar had on the 6th day of August, 1930, in and to that certain real

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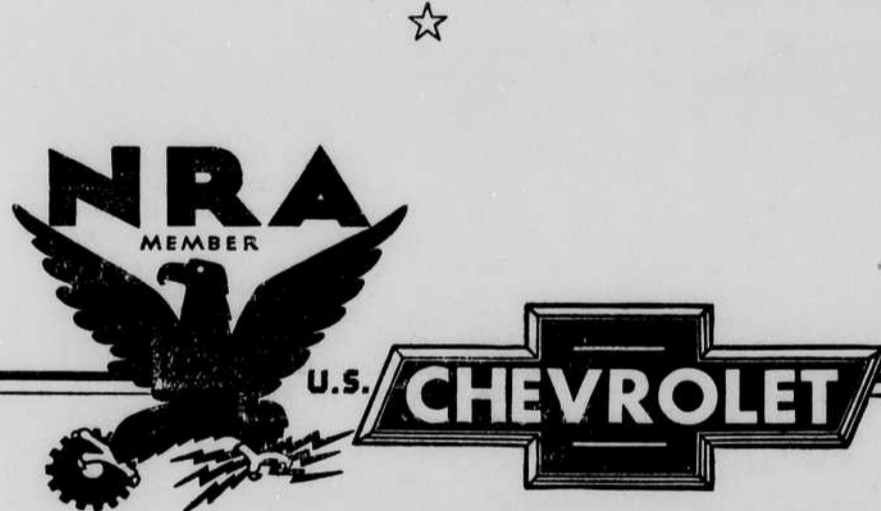
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"Proud and glad to do our part"

WITH President Roosevelt's acceptance of the NRA Automobile Code, Chevrolet, the world's largest builder of motor cars, officially begins operations in accordance with the administration's recovery program.

Although the official code was signed only a few days ago, it will be of interest to Chevrolet's many friends to learn that the Chevrolet Motor Company started to carry out the spirit of today's recovery program over three years ago!

At that time, we put into operation a "share-the-work" plan, whereby our workmen cooperated in spreading the work to give more men jobs. By means of this plan, as well as by regulating hours of work per week to meet retail demand, and by building up parts stocks in lean seasons, it was possible to carry 33,000 men on our payroll through the depression. For eleven months of each year since 1929, we have kept our employment within 10 per cent of this average. We are justly proud of that record. We are also proud to say that Chevrolet workmen did not, at any time during the depression, become a burden on public welfare departments.

On August 1st of this year, Chevrolet announced a blanket wage increase as well as the adoption of a 7½-hour, 5-day week and the employment of 12,000 additional men. This wage increase was the second in the last 4 months, Chevrolet having been among the first to put a blanket wage increase into effect.

We feel that the President's recovery program deserves the whole-hearted support of every citizen and manufacturer in America. It is a bold, swift, courageous plan to start the ball rolling toward economic recovery. Its sincerity is unquestioned. Its objectives are admirable. And the direct, forceful steps the President and his associates are taking to make it a success, should stir the pride and admiration of every American.

We are proud and glad to do our part. And we are deeply grateful to the American people for the patronage that has enabled us to anticipate the present recovery program and to play our part today. After all, the immense number of men employed by Chevrolet is a direct result of the continued preference America has shown for Chevrolet.

CHEVROLET MOTOR COMPANY, DETROIT, MICHIGAN, Division of General Motors

CHEVROLET

Our Sincere Thanks

WE WISH to take this opportunity to publicly express our sincere thanks and appreciation, for the sympathetic and understanding manner in which our customers accepted the interruptions in their electric and transportation service, during the recent storm.

Particularly are we grateful to the people of Tidewater Virginia, where the storm was most severe.

Every available emergency crew—men, trucks, and materials—was pressed into immediate service, and every available piece of emergency equipment was rushed to the storm-stricken area. In fact, additional crews were called on to supplement our forces that our service might be restored with the minimum of delay to our customers

It might be of some interest to know that from present estimates this storm will cost our Company approximately \$100,000.00.

The comparatively small number of complaints regarding interruptions in service was a very pleasant surprise to us, and we want you to know that we greatly appreciate your sympathetic understanding and courtesy.

VIRGINIA ELECTRIC AND POWER COMPANY