

**GET BETTER CORN YIELDS BY MAKING CULTIVATION COUNT**

Main Purposes Are to Store Moisture, Destroy Weeds, and Warm Soil—Watch the Ground and Watch Your Plants.

Farm labor is scarce this year, and yields are likely to suffer unless available labor is utilized to the best advantage. Unnecessary or misdirected cultivation is always a serious waste, but it is particularly so when man power is not adequate to crop requirements. Make all labor count at full value. In cultivating the corn crop, say specialists of the United States Department of Agriculture, use a two-row cultivator if possible. It consumes only half as much man labor as a one-row cultivator and only one-fourth as much as the half-row cultivator or double shovel. Cultivate when cultivation is needed, but refrain when it is not needed. Cultivation may be a waste of

time or actually injurious under certain conditions. Cultivation by a hard-and-fast rule is likely to do more harm than good. Government corn specialists give the following general principles as to time and manner of cultivating corn: Cultivation Has Three Objects. There are three main purposes of cultivation—to store moisture, to destroy weeds, to warm the soil. Keep the soil surface loose and open. This will let the rain soak in quickly and reduce waste. In fair weather it will prevent the subsoil from drying

out. A properly cultivated surface soil will send moisture, laden with plant food, up through the corn roots and stalks to make ears. Every weed in a cornfield is an enemy. It drinks up moisture and consumes plant food that should go to make corn kernels instead of weed seed. Destroy weeds when they appear. Attack them, if possible, in fair weather. You will then have the sun as a powerful ally. Evaporation of moisture lowers temperature. A wet, evaporating soil surface is cold. A dry soil surface is warm. A loose soil surface dries quickly and the blanket of loose, dry soil then checks evaporation, drinks in sunshine, and becomes warm. Watch your soil—its condition should determine when to cultivate. Do not let cracks form. They are holes through which valuable moisture escapes. Do not cultivate when your ground is dry or wet enough to form large clods. Clods tie up plant food so that the corn roots can not use it. Watch Soil and Plants. Do not waste cultivation. Cultivation may be actually injurious when soil is so dry and hard as to break into large dry clods. Failure to cultivate promptly when it is needed to prevent the soil from becoming cracked, hard, or weedy will materially lessen the corn yield. In addition to watching the soil, watch the plants. Their progress determines how you should cultivate. While the plants are small, cultivate as deeply as the condition of the soil makes necessary. If your seed bed was not well prepared before planting, deep cultivation when the corn is small is desirable. Get your soil into open condition so that the corn roots can reach out for food. After the plants become a foot high, shallow cultivation only should be given. The roots have spread out close under the surface of the soil and would be injured by deep cultivation. Never cultivate deeply close to corn plants after they are a foot high. Such cultivation will break feeding roots and cause injury to the plants.

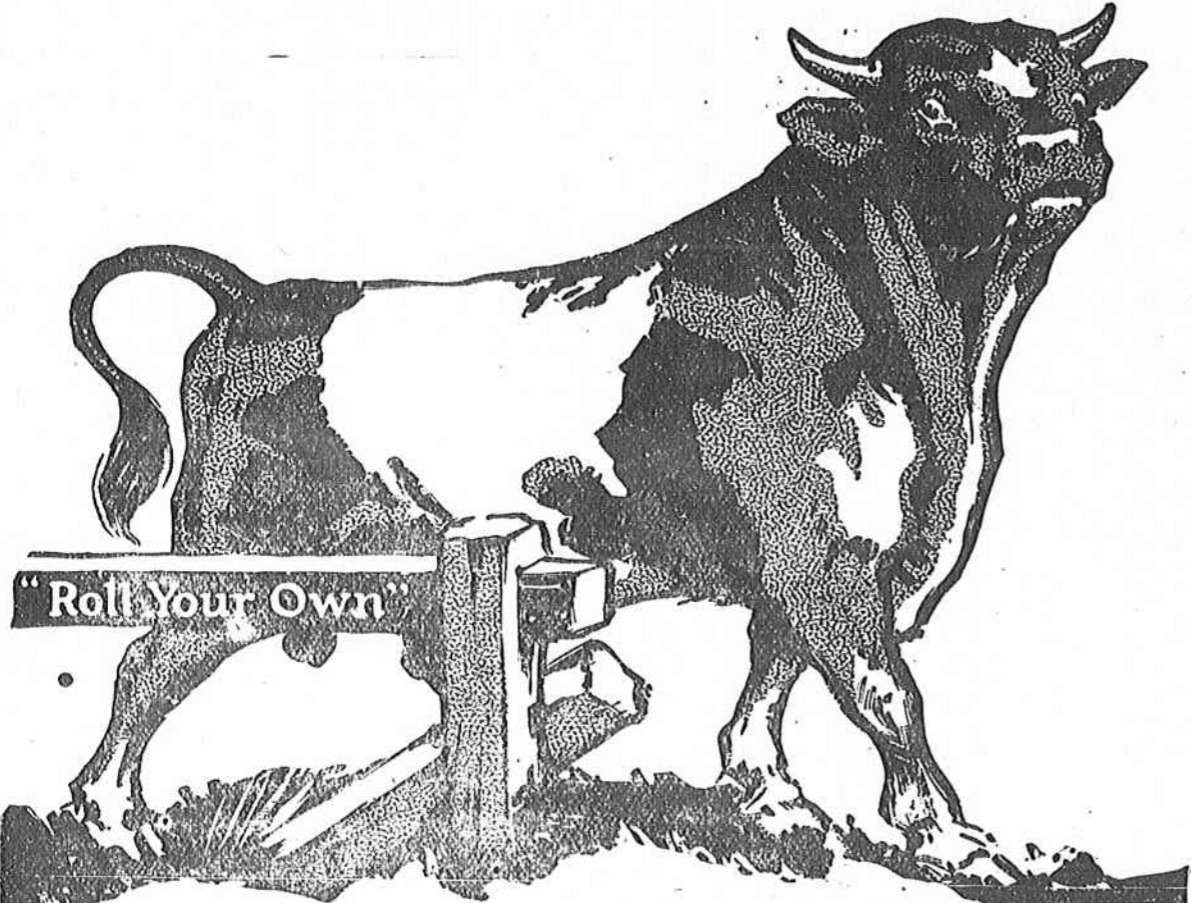
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Conserve Labor and Land. Corn is the main support of the Nation. Grown in every State of the Union, it exceeds any other crop in acreage, production, value, and multiplicity of uses. When land and labor were abundant, production could be increased to meet increasing demands by planting more acres to corn. But the demand for corn is still increasing while available labor is decreasing. The only way to increase production is to make each acre yield more bushels of corn. The average yield of corn per acre in the United States is about 27 bushels. With good seed, fair soil, and timely, careful cultivation, the yield can be doubled, the specialists say. That may be too much to strive for this year, but proper methods should enable you to obtain, with

limited labor, as good yields as you formerly grew—unless, of course, you have always followed the best culture methods. CASUALTIES OF MAY DAY Paris, May 2.—Official figures issued today give the casualties resulting from the disorders yesterday as three dead and 102 wounded, of whom six remain in hospitals, two of them in a dangerous condition. The arrests aggregated 103. The foreigners among those arrested are to be deported. Alexandre Blanc, extreme Socialist deputy who was injured in yesterday's clash with the police, will be prosecuted on a charge of abuse of the police.



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**Your Blood Needs ZIRON**

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**NOTICE**

The following Certificates in Clarendon Building & Loan Company have been lost or destroyed. Notice is hereby given that application will be made to the said Clarendon Building & Loan Co. for the issuance of new Certificates to replace same at the office of said Company on the 27th day of May, 1920.

Certificate No. 130 for 5 shares to B. A. Johnson.  
 Certificate No. 45 for 5 shares to Jake Iseman.  
 Certificate No. 143 for 10 shares to W. T. Lesesne.  
 Certificate No. 168 for 10 shares to W. T. Lesesne.  
 Certificate No. 112 for 5 shares to L. H. Harvin.  
 Certificate No. 113 for 10 shares to L. H. Harvin.  
 Certificate No. 61 for 3 shares to G. J. McCoy.  
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