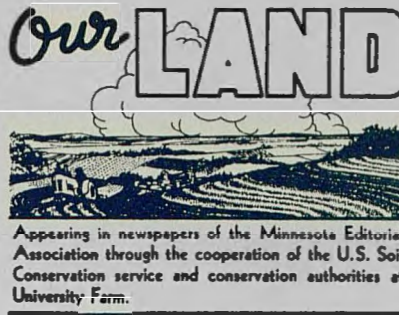


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"Beef cows can be wintered on whatever type roughage is available," according to A. L. Harvey, professor of animal husbandry at the University of Minnesota. He recommends a 50-50 combination of legume hay and any of the non-legume roughages.

A cow will require at least one ton of legume hay and one ton of some other dry roughage to carry her through the winter. As much as two-thirds of the hay supply may be supplied by silage at the rate of two and one-half tons of silage for a ton of hay. Only old cows and nursing calves need a little grain in addition to roughage, says Professor Harvey.

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The winning FFA exhibit at the Winona County Fair this year featured a farm under a soil conservation program and a farm without soil conservation work. It is now being shown at various locations about the county under the sponsorship of the Winona Chamber of Commerce.

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Plots at the University of Minnesota's Duluth experiment station are growing crops successfully after 35 years of fertilization with only manure. Experiments on these plots show that the more manure that was applied, the higher the crop yield. And the demands of this high yield on the soil did not prevent the manure from building up the soil so that every year it contained a larger total amount of organic matter, nitrogen and phosphorus.

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Rain during a field day is usually about as welcome as a mid-summer frost. But a rain that came during a terracing demonstration on the Bill Kerston farm near Kingston in the Meeker County Soil Conservation District came just in time to show how the terraces catch water and allow most of it to sink into the ground.

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