

University Farm News
University of Minnesota
Institute of Agriculture
St. Paul 1 Minnesota



Prepared and distributed
by the Minnesota Agricultural
Extension Service.

October 1 1953

For use during week of
October 26 1953

Liming, Fertilizing and Reseeding Pastures Increases Production -- That's what farmers cooperating with the Stearns County Soil Conservation District are finding. If liming is necessary, apply it six months to a year before seeding. This permits lime to react with the soil. Legumes such as alfalfa and red clover need and use much lime. Legumes feed heavily on phosphorus and potash. Soil tests should be run before commercial fertilizer is used to determine need for adding nutrients as well as finding the proper rates and rations to use. Not only do phosphorus and phosphate benefit stands and increase yields of legumes on deficient soils, but they increase the forage's feeding value. They also decrease losses of stands from winter-killing.

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Bring Bossy in for the Night in Cold Weather -- She'll appreciate your thoughtfulness and pay you back with more milk. This advice comes from Ralph Wayne, extension dairyman with the University of Minnesota. Wayne says cows can stand a lot of cold if they are accustomed to it gradually, kept dry and out of draft. Now is a good time to clip cows' udders and flanks--before the cows begin coming in nights and become dirty.

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Take Soil Samples Now for Testing -- Now is the right time to take your soil samples and send them into the University's soil testing laboratory at University Farm. This will enable you to determine your lime and fertilizer needs for 1954, says Paul M. Burson, professor of soils with the University. Soil conditions are perfect now for getting a good sample out of the fields. Soils in a good condition to cultivate as far as moisture is concerned will give you the best sample. Instructions for taking a soil sample are given on the soil sample information sheet. These sheets and sample containers can be obtained from your county agent.

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