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The Greenleaf 4-H club in Pennington county has been selected as the 4-H club which has done the most outstanding work in conservation in the state during the past year. The club has a record of every member enrolled in the conservation activity. Individual members have planted shrubs on their home farms, plus a total of 1,100 trees and three windbreaks. At each club meeting, a conservation film is shown, or some conservation activity is planned.

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An ill wind which blew dust from the highway over on a field owned by Hans Lillejord of Lanesboro, proved to be a blessing in disguise when the owner began producing legumes for seed. The wind helped prove to Lillejord's satisfaction that he was not applying enough lime.

The owner first applied two and a half tons of lime per acre, but his stand of alfalfa and clover was discouraging, except for two spots in a field bordering highway No. 30. At one spot, a load of lime had become stuck and had been shoveled off. The other place was a two-rod strip along the highway on which lime dust had blown from the road. In both places Lillejord noticed a fine stand of legumes. Taking the hint, he applied three more tons of lime and rang the bell with a good crop.

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This is a good time of the year to take soil samples for testing and to order the proper fertilizer for next year's crop, says Harold Jones, extension soils specialist at the University of Minnesota. Your county agent has full information on how to sample the soil, as well as the boxes for the samples.

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Donald Baker of the University of Minnesota soils division has been studying the influence of fertilizers on legume root growth. He finds that fertilizers may increase root growth even more on deficient soils than it does top growth. For example, in Renville county, phosphate fertilizer applied with new seeding in the spring doubled the amount of roots by fall in comparison with results obtained when no phosphate was applied.

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