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Dudley Delaney, Lincoln Soil Conservation District, got \$55 an acre for grass silage by feeding it to lambs. Delaney, who increased his meadow through a complete farm conservation plan, put the first cutting from 12 acres of red clover and 10 acres of alfalfa into his silo. The silage and 400 bushels of corn fed 220 lambs from August 4 to January 13th.

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Experiments at University Farm indicate grass yields from average pasture can be doubled by (1) renovating old pastures to establish better grass and legume mixtures, (2) using fertilizers where needed and (3) practicing rotation grazing.

Other tests reported by H. E. Jones, extension soilsman, show a blue-grass pasture produced 1,469 pounds of total digestible nutrients per acre at a cost of 44¢ per 100 pounds. A good alfalfa-grass mixture produced 2,815 pounds total digestible nutrients per acre at a cost of 35¢ per 100 pounds.

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Proper surface drainage, adding organic matter and growing legumes are proving the best treatment for "waterproof soils" in Clay county. Poorly drained Red River valley soils where moisture doesn't penetrate easily are opened up by plowing under straw, stubble and green manure like sweet clover and by growing grasses and legumes in a rotation. SCS men and cooperators agree those are the most practical remedies.

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Cutting the first crop of red clover early may help the seed yield of the second crop. Studies show more blossoms develop on the second crop of medium red clover when the first crop has been cut for hay in the early bloom state -- when 1/4 to 3/4 of the blossoms were open.

Then, too, points out U. Farm extension agronomist M. L. Armour, cutting the first crop early brings the second crop into bloom during a period of clear, warm weather when bees and other pollinators are active.

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