

Timely Questions On Farm Answered

Question: What soils will give the greatest yield of lespedeza?
Answer: This legume grows best on medium to heavy bottom land but satisfactory yields may be obtained on most uplands. The Common, Tennessee 76, and Kobe varieties grow well in all soils of lower altitude in the mountain section, and on the slate, sandy loams, blackjack lands, and red clay soils of the piedmont section. Low-lying, moderately heavy soils, river bottoms, and sandy loams are best in the coastal plains. The Korean variety is especially adapted for the mountains because of its earliness and it will produce well on practically all the better soils. Neither variety is of much value when seeded on very acid or sandy soils.

Question: How much cod-liver oil should be used when fed on the scratch feed?
Answer: Cod-liver oil should be fed at the rate of one and one-half pounds to each 100 pounds of scratch feed. The best way to feed this oil is to weigh out 25 pounds of scratch feed and thoroughly mix six ounces of cod-liver oil with this amount. This should then be used until entirely consumed before another lot is mixed. It is also advisable to keep feed that is mixed with cod-liver oil in some container that can be closed so that it will not be exposed to the direct rays of the sun as this exposure would detract from the feeding value and also cause the feed to sour.

Question: Does it pay to apply fertilizer to a new pasture?
Answer: Recent experiments have shown remarkable increases in grazing from the use of fertilizers and the use is therefore recommended. In general the mixture should be the same as used for corn in the locality. An application of from 200 to 400 pounds of a 4-8-4 mixture would be suitable, in most cases, for the Coastal Plain, and a similar amount of a 4-12-4 for the Piedmont and Mountains. The fertilizer may be harrowed in before seeding or may be drilled in with the seed. Limestone at the rate of from 1,000 to 2,000 pounds an acre is also beneficial on very acid soils.

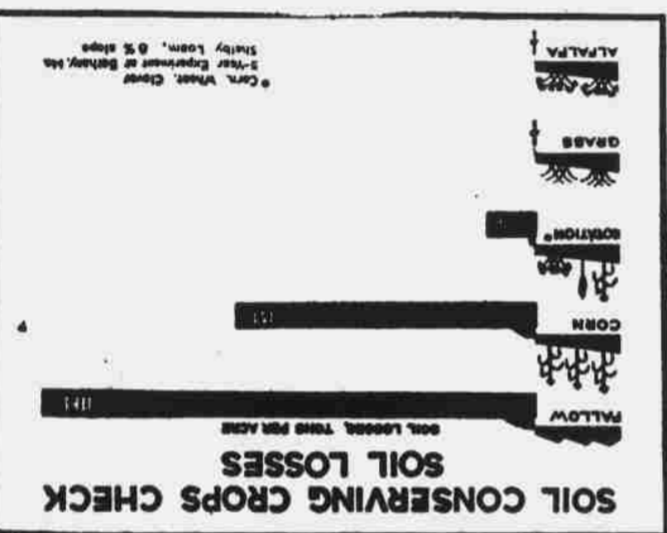
Lespedeza Regarded As Valuable Legume
 Lespedeza is recognized as one of the best crops a farmer can grow to improve pasture, check erosion and increase soil fertility and organic matter to the soil.

Fields also may be counted in a farmer's soil-conserving acreage, and they will help him earn soil-building payments under the soil-conservation program.
 February is the best time to sow Common, Tennessee 76, and Kobe lespedeza seed, said E. C. Blair, extension agronomist at State College.
 The best method to sow these varieties is to drill the seed in on top of small grain, he said, with the seed not being drilled in too deep.
 Around 150 to 200 pounds of 16 per cent superphosphate to the acre should be drilled in with the seed.
 When drilling, 20 to 25 pounds of seed is adequate for an acre, but if the seed is broadcast, 40 to 50 pounds will be needed to produce a good stand, Blair added.
 When lespedeza is sown broadcast, the ground should be harrowed lightly either just before or just after the seed is sown.
 Blair explained that when lespedeza is sown on land from which soil-depleting crops such as small grain are harvested this year, the acreage will be counted 50 per cent soil-conserving.
 But when lespedeza is grown on land where no soil-depleting crops are harvested, each acre of lespedeza will count as a full acre of soil-conserving crops in determining a grower's allowance.
 The soil-building allowance is the maximum amount of soil-building payments a farmer will be eligible to earn. In most cases it will be \$1 for the normal acreage of soil-conserving crops on a farm, plus the number of acres shifted from depleting to conserving crops.

WINFALL NEWS

Miss Jessie Baker and Miss Bridget Morgan spent Tuesday in Norfolk.
 Miss Irma Custas of Eastern Shore is the house guest of Misses Jeanie and Betty Baker.
 Alton Pierce of New York spent a few days last week with his parents, Mr. and Mrs. Arthur Pierce.
 Mr. and Mrs. E. G. Bielly of Berkeley, Virginia, spent Saturday with Mrs. Bielly's parents, Mr. and Mrs. W. F. Morgan.
 Mrs. A. E. Winslow, Mrs. W. F. Morgan, Miss Alma Leggett and Miss Lucille Long, teachers of the Winfall school, attended the teachers' meeting in Elizabeth City Saturday.
 Miss Ruth Ward, of Elizabeth City, visited her grandparents, Mr. and Mrs. Joe Overman.

LAUGHS FROM THE DAYS NEWS!



On a state experiment station farm, soil was lost 500 times faster from land lying fallow than from land planted to grass or alfalfa. Every year, water erosion alone removes 3,000,000,000 tons of soil, mostly good topsoil, from United States lands. This year, due to the flood on the Ohio and Mississippi Rivers, the loss will be much greater. To carry three billion tons of topsoil in a freight train, enough cars would be needed to make a train 475,000 miles long. Such a train would reach 19 times around the earth at the equator. Most of this erosion can be stopped by taking better care of the land, growing more grassy or leguminous crops, and keeping more and better forests growing over the country, said Dean I. O. Schaub, of State College.

Phosphate Increases Productivity Of Soil

A 30 to 40 per cent increase in the pasture and legume growth on fields where triple superphosphate was applied last year has been reported by J. H. Fincher, Haywood County farmer.
 The percentage of increase was determined by comparing these fields with adjacent land where no superphosphate was applied, he told W. A. Corpening, assistant county agent.
 Although dry weather tended to check the growth of vegetation, Fincher said, the treated pastures provided ample grazing for his stock and the grass was rich and succulent.
 The treated clover fields not only produced more organic matter for enriching the soil when plowed under but the plants also gathered more nitrogen from the air, he continued.
 This year, Fincher plans to raise soil-depleting crops where the clover

SPORTS TALK

By "WHITIE"

The Perquimans Indians hit the win column again on Wednesday night when they defeated the little Presidents from Woodrow Wilson, of Portsmouth, on the local court. From the first whistle until the game ended the Indians kept a substantial lead, and exhibited a passing attack that had the Presidents dazed. The Perquimans boys put up a defense that was like a stone wall. The boys from Portsmouth were not able to work the ball into scoring territory very easily. The Hertford quint held them scoreless for the first quarter. When the game had ended the Indians walked away with a 44 to 15 score. Nixon was top scorer for the evening, with 17 points.
 After defeating the little Presidents and with the taste of victory still fresh, the Indians took another game on Monday night, defeating a strong Hobbsville team, 35 to 13.
 With Captain Eldon ("Slufoot") Winslow on the sick list, and Fred Campen, the other regular guard, out of the line-up due to an infected foot, the team was crippled very much.
 Leading only by four points at the half, the Indians came back the second period and began to find the strings with great accuracy, boosting their lead to 35 points, to give the Indians their sixth win for the season.
 The Lady Indians took an easy one from Hobbsville on Wednesday night, along with the boys. The Hertford girls hit their old stride again and came out at the long end of a 42 to 11 score.
 Nowell played a beautiful floor game and also took scoring honors.
 With six wins to their credit this season, the scrappy Hertford Indians will journey over to Windsor this week after more scalp.

has proved the best percentage in a mixture for cotton in tests conducted on Appling Sandy Loam over a period of 3 years.

SOCIETY TO MEET

The Woman's Missionary Society of the Hertford Baptist Church will hold its regular monthly meeting on Monday afternoon at 3:30 o'clock at the church. All members are requested to be present.

MRS WHEDBEE SICK

Mrs. Brooks Whedbee is suffering much pain and inconvenience from a carbuncle on her neck. Mrs. Whedbee has been confined to bed for some days.



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North Carolina Finds Potash Controls Rust

"Studies for the correction of soil conditions causing black rust of cotton on Ocell Sandy Loam conducted in Irwell county during one year indicate that the use of a high percentage of potash in a complete mixture reduces the prevalence of rust, and so far as was observed it was the only treatment tried that partially controlled this malady," according to the 54th annual report of the North Carolina Experiment Station.
 The 53rd annual report of this station says that 5 per cent potash

was grown last year, and a check will be made to determine the effect that triple superphosphate applications in 1936 will have on "cash crops" grown in 1937.
 R. W. Shoffner, assistant district farm agent at State College, said that Fincher's results are typical of those obtained by many farmers in the Piedmont and mountain sections of the State.
 However, he added, a number of the farmers did not get such good results. In some cases, this was due to drought, excessively wet soils, or the lack of other elements needed for plant growth.
 Applications of triple superphosphate will not correct all soil deficiencies, he explained, and if the soil on a certain farm is deficient in other elements besides phosphate, these other elements must be supplied before crops will grow satisfactorily.
 Then, too, he pointed out, many farmers are finding they must apply lime with the triple superphosphate in order to get the best results.

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