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Soil Improvement With Lespedeza

(1) the common, with two improved

and (2) the Korean, with one extra-

Culture

By QUY A. CARDWELL Agricultural and Industrial Agent, Atlantic Coast Line Railroad Co.

early variety. (3) The perennial. The fact that lespedezas will im-The annual lespedezas are grown prove the soil on which they are grown extensively in the south for hay, passo that subsequent crops of small grain turage, soil improvement, and seed corn, and cotton will be larger than production. before lespedeza was planted, is well established. The degree of this im-The culture of lespedeza is simple. provement-as measured by increased The seed is best sown on winter grain that when a good stand is 8 to 9 yields will depend upon the way the about the middle of March in the lati- inches high, a ton of hay may be exlespedeza is handled and on soil and tude of North Carolina, and someclimatic conditions. When the les-what earlier farther south and later and when more than 24 inches 4 tons pedeza is cut for hay, increases of from farther north. If seeding is done too of hay may be expected. At any rate, So to 100 per cent in the yields of corn late for the freezing and thawing of the yields of hay are surprisingly heavy

corded in North Carolina. The best surface, the field should be lightly harpractice appears to be to grow lespe-rawode after seeding. If 25 to 30 hay per acre, and if not cut too short, deza for two or three years, utilizing pounds of seed per acre is used, a hay say 3 to 4 inches from the ground, lesit for hay or pasture, and to follow crop may be expected that fall, pro- pedeza may be expected to make a with one or two years of seed crops, vided soil and moisture conditions are new growth and to make a good seed

not to be worth cultivating, it is often beginning soon after grain harvest and hay is made when the lespedeza is not "turned out." Lespedeza comes in. lasting until frost. The secret of suc-but it takes several years to cover cess with lespedeza is to get a full er, it is more stemmy, with a smaller poor ground through natural stand early. With a full stand, ad- proportion of leaves. spread. A better plan is to disk and verse conditions are less harmful than level after the last crop of coru or with a thin stand. Soil and Fertilizer

cotton and seed down to lespedeza. superphosphate or basic slag, 300 to Lespedeza will grow on poor, worn

pedeza materially, and the lespedeza clover without the use of lime. can be used for hay or pasturage, or, very sour land lime is beneficial, but alfalfa or red clover, is consequently if the farmer has no use for it, left on except on such soils lime has not been more quickly cured, and the field the ground to reseed and enrich the proved necessary. Phosphates have cured hay contains somewhat more soil for a year or two.

Three species of lespedeza-two an- used unless the soil is good, in which or clover hay. nual and one perennial-are of inter-est to the farmer. The annuals are is usually the controlling factor in growth. While lespedezas, especially

DR. W. C. MERCER Korean, have shown remarkable ability to live on heavy soils during per-DENTIST Anounces the opening of the office iods of severe drouth, not much formerly occupied by Dr. P. B. Cone growth is made. For a growth tall enough to cut for hay, moisture is esfor the practice of dentistry. 9



ville, where he has a complete stock on hand at both places. See him before placing your order.



may survive, but the growth is insignificant. Lespedeza for Hay on moist bottom lands. On such

soils the difference in growth and yield between common lespedeza and the im

proved varieties is less than on upvarieties, Tennessee No. 76, and Kobe; land. On bottom land from 2 to 4 tons of hay to the acre may be exsorts will outyield common lespedeza. lege, Raleigh. It is generally believed that with a

good stand 4 inches of lespedeza above the cutter har will yield 1 ton of hay per-acre. The Kentucky Agricultural the parts to be replaced. Experiment Station says of Korean

pected, when 12 to 14 inches 2 tons; and cotton have frequently been rewhen tall enough to make a ton of and braces, ascertain the number of atus out of order. When land has become so worn as suitable, or good grazing may be had crop in adition to the hay. The best

To make the best hay, lespedeza

should be cut when in full bloom, or shortly after. When it is left until a considerable part of the seed is ripe 400 pounds per acre, will help the les- soils and on soils too sour to grow the resulting hay is of poorer grade. On Lespedeza contains less moisture than caused increased yields and should be dry matter than similarly cured alfalfa

When the lespedeza is from 6 to 10 inches high cutting may be done in the morning; the hay should be windrowed soon after being cut, and in od weather it may be hauled to the barn the next day. When the lespedeza is more than 15 inches high it should lie in the windrow 2 or 3 days. Most lespedeza hay is consumed at the best available seed at the most rea-

ome or in the neighborhood where it produced. No grades for lespedeza it before planting time. ay have been established, and there no general market. Good lespedeza nay falls but little short of alfalfa in best aadapted to North Carolina soils protein and is even superior in carbo- and most frequently planted, Blair hydrate content. Korean lespedeza points out. About 25 pounds to the hay has been used in Missouri to pre- acre is sufficient. pare fat cattle for stock shows and

has given good results. Lespedeza for Pasturage

pasturage than for hay. Throughout soil builders and hay crops that can 148, Robersonville. be grown. the southeast lespedeza of one variety or another is or should be an ingredient of every pasture mixture. Lespedeza is a hot weather plant and should not be expected to provide early graz-March. The lespedeza wil grow after ing. In North Carolina June 1 to 15 the grain has been harvested and may is a fair date to expect early grazing be grazed, plowed under, or harvested from lespedeza. Korean grows more for seed in the fall. rapidly in the spring than other lespedezas, but dies earlier, so that it is not lespedeza in different sections of the o good for late grazing. state, Blair suggests that the farmers

When cattle are grazed mostly on grass pasture it is advisable to have a reserve field of lespedeza upon which the cattle may be turned from July until frost. This will maintain gains or keep up and even increase the milk flow while resting the grass.

A good pasture of pure lespedeza may be sexpected to reproduce year after year as long as it is wanted. This Six Essential Food Groups also generally true of grass-lespedeza pasture. The carrying capacity

of a good stand of lespedeza may be roughly estimated at from 1 to 2 mature cows per acre from June 1 or July 1 to October 15 or frost, depending on the variety and location.

URGE FARMERS TO GET MACHINERY IN SHAPE NOW FOR SPRING WORK First Step Is To Inspect All Machinery Carefully and Make Inventory of Repairs Needed and Parts The best crops of hay are secured First Step Is To Inspect All Machinery Carefully and

To Be Replaced, Says Engineer

Get your farm machinery ready for enough seed plates to handle all types work before the spring rush starts, of seed to be sown with the planter. urges Professor David Weaver, agri-Cultivators, mowing machines, and pected. On good upland the improved cultural engineer at N. C. State Col- binders should be gone over carefully. New blades, bearings, sickles, roll-The first step is to inspect all ma- ers, gears, or chains may be needed. chinery carefully, he says, and make These machines should be so repairan inventory of repairs needed and ed and lubricated that they will ed their duty in this respect come in operate smoothly and efficiently

WILLIAMSTON

The parts should be ordered as early Binders should receive special atas possible so they will arrive before tention, Weaver says, for they are the machines must be used, he ex- complicated and a slight defect may plains, and the repair work scheduled give plenty of trouble in the midst of o that the machinery to be used first the harvest season. Rollers slightly out of line may tear the canvass. Rust-Look into the disk harrow bearings, ed bill hooks or improper tension or examine the plow points, handles, the twine may throw the tying appar-

need resharpening, tigtening, or clean- things to be checked, Weaver, points out, but the farmer who operates the All harness gear should be gone machines should not have trouble in over thoroughly, cleaned and oiled locating the defects if he gives them when necessary. See that there are a careful inspection.

Guardians, Etc. Must File

Statement With Clerk

ADVISES GETTING LAW REQUIRES MANY REPORTS **READY TO PLANT** LESPEDEZA CROP Executors, Administrators,

Agronomist Says Getting Ready As Important As Actual Seeding

For detailed instructions regarding

BALANCED DIET

FOR FAMILY IS

FINE INSURANCE

Must Be Considered,

Nutritionist Says

Planning the family food supply ac-

ording to the nutrition needs of the

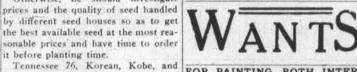
human body is the best kind of health

insurance, says Miss Mary E. Thom-

consult their county agents.

will be repaired first.

L. Bruce Wynne, clerk of Martin Getting ready for planting lespedeza County Superior Court, wishes to noalmost as important as the actual tify all executors, administrators, and ceding itself, says Enos C. Blair, excollectors in the county thta they are tension egronomist at State College. expected to come to his office and file If the grower raised his own seed, their reports of business transactions he should clean and prepare it for as required by law. planting so that there will be no delay Following appointment to one of when planting time comes, Blair says. the above-named offices, the appointee Otherwise, he should investigate



FOR PAINTING, BOTH INTER common lespedeza are the varieties ior and exterior and paper hanging, ce me. All work fully guaranteed Van Respass, 323 Simmons Avenue, j29 4: Williamston.

Although lespedeza will not grow SEE US FOR SHINGLES, ANY well except when handled carefully, it grade at right price; galvanized roofis not as difficult to raise as many peong, any length; ceiling, flooring, win-Lespedeza is more widely used for ple think, and it is one of the best dows and doors. G. L. Wilson, Phone j4 10t

FOR SALE: WHITE STEM ORI-When planting lespedeza on small noco tobacco seed. Three ounces grains which were sover the precedfor \$1. Henry C. Green, Pecan Grove ing fall, Blair says, the lespedeza f8 3t Farm, Williamston, N. C. should be planted in February or

> COLDS 60 FEVER Salve - Nose Drops Liquid - Tablets in 30 minutes

sential. On dry sandy soils lespedera URGE FARMERS TO GET MACHINERY is required by law to file a statement notice that an action entitled as above statement must be submitted to the clerk of court.

ministrators and collectors in this court county have been noticeably indifferent in complying with this law and he urges that those who have neglect-

at once and file their report. NOTICE

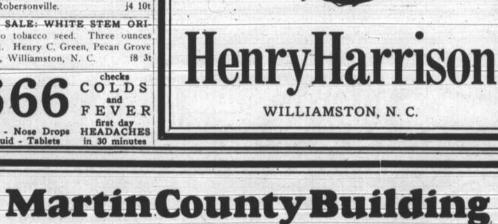
North Carolina, Martin County; In William Tyner vs. Penny Tyner Defendant, Penny Tyner, will take

inistrators and collectors in this coupliant. This 28th day of January, 1935.

L. B. WYNNE. 129 4tw Clerk Superior Court.

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