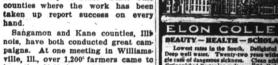
THE ALAMANCE GLEANER.

GRAHAM, N. C., THURSDAY, SEPTEMBER 4, 1913.



from any one of the other hay crops. The latest reports from Wisconsin show nearly 40,000 acres seeded to alfalfa with an average of about four Observer



HOLDEN PLANS TO PUT Plan to Unite All Interests in Nation-Wide Campaign rlington to Run Combination Trains Through Southern lows and Northern Missouri-500 Alfalfa Lectures to Be Given In Two Weeks' Campaign-700 Automo-blies to Be Used In the Work. Gives Double the Yield. Alfalfa Automobile Trains Important Feature of the Work-The campaign will be conducted in co-operation with farmers' institutes, bankers, business men, farmers, commercial clubs, granges, live stock and dairy associations and other organizations in any community where the peo-ple are anxious to improve their agricultural conditions and are willing to give time and money to carry on the work. County and city superintendents of schools, colleges, institute workers, Chautauqua lecturers, and others interested in the work will be assisted in obtaining alfalfa charts and lantern sildes. Alfalfa literature and booklets will be given wide distribution throughout the country. Special alfalfa arti-cles will be agent to form fourmale and measuring and plate and matrix wass To Begin Campaign Work in East, West and South. Work to be started immediately in the cotton belt states and in the east and west. Inity to forly meetings will be held in each county, the num-ber depending on local conditions. To accomplish the most in agricultural development, we must begin with the man behind the crop. Upon him depends the final working out of the principles of agriculture—the simple and practical things—which our schools, colleges and experiment stations are endeavoring to bring into gen-Alfalfa Greatest Soll-Enriching Crop. Agricultural development needs in addition to the work of our public institutions, the individual efforts of every merchant, banker, corporation, or laboring man, and this plan calls for their heartlest co-operation. This plan for increasing the yields of our crops by the more extensive growing of that wonderful soil improver, ALFALFA, is meeting the approval of all men who have any knowledge of the beneficial results of its introduc-tion as a general crop. tion as a general crop. Campaigns are now being conducted in many of the central western munity interested. What the local people will provide: (1) Expenses (meals and lodging) for the alfalfa speakers and staff upon their arrival and during the campaign. (2) From ten to twenty automobiles for each day of the campaign to (2) From ten to twenty automobiles for each day of the campaign to carry the alfalfa crew and invited guests; one auto truck to carry literature, baggage, charts, and other equipment.
(3) Arrange for meeting places and publish schedule of same.
(4) Local advertising.
(5) Photographer, if possible. The Agricultural Extension Department will provide: (1) Advance men to assist in organization Lecturers. Literature. (3) Special educational articles for newspapers and farm journals pert (4) nent to alfalfa culture, object of campaign, etc. (5) Field men to follow up the preliminary work and aid the people in any community where sufficient interest is shown to warrant it. very thing that the pigs did not get when fed upon corn alone. Corn is deficient in protein and has an abundance of starch and sugar. Neither alfalfa nor corn when fed alone will give the best results, hut a combination of the two make a per-fectly balanced ration. ALFALFA FOR HOGS. " Of the entire alfalfa plant, accord-ing to Kansas bulletin 155; the stalk comprises 60 per cent. and the leaf 40 per cent., whereas the quantity of Kansas Experiment Proves the Great Value of Alfalfa and Corn as a Balanced Ration-Hog Growthe protein in the stalk is only 40 pe ers Note the Result of This interesting Feed-A balanced ration is a combinatio of feeds containing elements necessar Ing Experiment. This experiment was conducted at for the proper physical development of the animal. Protein, the most esset the Kansas Agricultural college: The pigs shown in the accompanying chart were litter mates. The larger pig was fed on a ration of corn and tially valuable for the production of

feeding value. TO PROMOTE ALFALFA

The Chicago, Burlington and Quincy railroad will run an alfalfa combina-tion railway and automobile train for a two weeks' campaign, making about 60 stops in southern Iowa and north-ern Missouri, beginning July 28, 1913, from Des Moines. The plan, as worked out by the Bur-lunton in cooperation with the Asri-Soll and Larger Returns From the Crops That Follow.

lington in co-operation with the Agri-cultural Extension Department of the Alfalfa Should be Grown on Every Farm

4. No harder to grow than clover. 5. Make a beginning-start now grow some alfalfa.

Repeated experiments made by the educational movement.

> strictly co-operative basis. The people will provide: 1st. A guarantee of at least five to ten automobiles at each railroad stop to carry the speakers to the points in the country where meetings are to

be held would not be increased greatly by rais-ing alfalfa. Every farmer should aim

souri river, and it is certain that there will be an equally rapid in-crease throughout the eastern and southern parts of the United States. business men. The railroad will provide:

Many of the attempts in the past to grow alfalfa in the humid regions have failed, but with our present knowledge of the requirements of the crop there will be little, if any, more The Agricultural Extension Dept will provide:

1st. Speakers. 2nd. Assistance in organizing and advertising campaign. 8rd. Educational charts and other crop there will be stand. trouble in securing a stand. Alfalfa will soon be grown abundantly and profitably upon every farm. It is no more difficult to grow than clover and gives double the yield. The equipment for lecture purposes, bulle

tins, literature, etc. 4th. Follow-up men, when possible, to assist the farmers in getting a start deep rooting habit of alfalfa enables it to resist drouth when clover, tim-othy, blue grass and other forage grasses die for want of moisture. Al-

Hearty co-operation on the part of the people is absolutely necessary to make these campaigns successful. falfa roots grow deep into the soil-far beyond the roots of other plants.

SAVE THE ALFALFA LEAVES.

Alfalfa is rich in protein the most essential element in feed to make bone, blood and muscle in growing ani-

Why We Need Alfalfa.

ALAMANCE GLEANER will be sent for one year for Two Dollars. Cash in advance, Apply at THE GLEANER office. Graham, N. C. English Spavin Liniment re-moves all hard, soft or calloused lumps and blemishes from horses, blood spavins, curbs, splints,

ALFALFA Alfalfa is rich in

Adds Fertility to the Soil-Yields Three to Four Crops of Hav Each Year in the Corn Belt.

EXCELS EVERY OTHER CROP

he Introduction of Alfalfa as a Gen-

1. It is a profitable crop.

2. Increases farm values.

In yield per acre

As a drouth resister

As a soil enricher.

In feeding value

3. Excels every other crop

Jersey.

alfalfa

ALFALFA MOST

PROFITABLE CROP

By PROF. P. G. HOLDEN, Director Agricultural Extension Department International Harvester Co. of New

International Harvester Company of New Jersey and the agricultural col-leges, is far in advance of any agri-cultural extension work ever carried

Will Step at Sixty Points. Local committees at each of the 60 points on the railroad will arrange for five to ten automobiles to carry the speakers in all directions into the coustry to farm homes, school houses and inland towns within a radius of from four to ten miles, where alfalfa lec-tures will be given.

During the campaign over 600 al-faita lectures will be delivered by the party to as many audiences, and from 500 to 700 automobiles will be brought into the service of this great educational moments.

agricultural colleges, and the results obtained by the actual growers of al-falfa in the semi-arid sections of the These campaigns are conducted on west, throughout the corn belt states, and in the south and east, are conclusive evidence of the great value of

There are few farmers whose profits 2nd. Halls suitable for the central

and. Hails suitable for the central meeting in towns where train stops. 3rd. Any community desiring a campaign must send in a request to the railroad, agricultural college co-operating, or to the Agricultural Ex-tension Department, signed by a rep-resentative number of farmers and business men. to produce, as far as possible, his foodstuffs upon his own farm. During the last few years, the area devoted to alfalfa has greatly in-creased in the region west of the Mis-

Sleeping cars and dining service for the alfalfa campaign party, and bag-gage and exhibit cars, literature, etc.

with alfalfa.

Its drouth resisting power is of no greater importance than its great value as a soil enricher. The long

Sixty Per Cent. of the Feeding Value of Alfalfa in the Leaves—Hay Should be Cut at Right Time and Cured so as to Preserve the Leaves.

value as a soli enricher. The long roots bring phosphorus, potash and other plant foods from below and store them in the upper soli for the use of other plants. Experiments show greatly increased yields of other crops grown upon alfalfs sod.

mals.

cent., while the protein in the leaf is 60 per cent. Moreover only 20 per cent. of the fat is to be found in the stalk, while 80 per cent. is in the leaf. It is, therefore, very important that alfalfa be harvested at the proper time, and carefully handled so that

Stalk Leaf

Leaf

Leaf

Fat

Protein

all the leaves will be saved. When possible to do so it is best to

Save the Alfalfa Leaves

cept that it should be cut as soon as the young sprouts or shoots start to grow at the base of the plant. When alfalfs is left too long without cutting, the leaves fall off and the stems become woody, and the yield of the next crop is greatly reduced.

MONEY IN ALFALFA.

ALFALFA ON EVERY FARM

for the General Growing of Alfalfa.

Extension Department to Aid Any Community Interested in Conducting Campaign to Encourage the Growing of Alfalfa-No More Difficult to Grow Than Clover and

Arranged and Meetings to Be Held at Farm Homes-Prominent Speakers to Accompany Each Alfalfa Train-Alfalfa Organizations Will Be Formed Community to Promote the Work-Field Men Experienced in Alfalfa Growing Will Follow Up Preliminary Work Wherever Possible and Give Ald in Getting a Start-Prof. P. G. Holden, Director Extension Department, International Harvester Company, Chicago, Will Direct th

The campaign will be conducted in co-operation with farmers' institutes

cles will be sent to farm journals and magazines, and plate and matrix page to newspapers. Alfalfa editions of newspapers will be published where cam-paigns are conducted. Dates will be arranged for "Alfalfa Day" in the

east and west. Thirty to forty meetings will be held in each county, the num

Frontessor Holden proposes to carry these principles further even than the very effective work done on the agricultural trains, by using that most modern vehicle—the automobile—going directly to the people on their own farms where the meetings are to be held.

states, and Professor Holden is daily answering requests for his assistance in organizing other localities, and invites cordial co-operation with every com

Where campaigns are contemplated it is required, first, that a request be made to the Agricultural Extension Department for assistance in carrying of

tion of corn.

\$4.00 per acre in growing these crops, whereas if he grew alfalfa he would make a profit of \$21.00 per acre, or Alfalfa Most Valuable **Forage Crop**

Wisconsin Hay Crop, 1910

over five times the income received

timothy sod. Barley yielded 30 bushels per acr in alfalfs sod, and only 20 bushels on imothy sod. Canada is not a corn country, yet the experiments show imilar results. Alfalfa sod yielded 24 bushels per acre of corn, as com pared with 18 bushels on timothy sod This is only one of many such experi-ments which give the same results, proving alfalfa to be a soil enriching

ALFALFA MOST VALUABLE CROP

According to the 1910 census of th

hay crop, the state of Wisconsin grev 18,000 acres of alfalfa, which average 2.8 tons per acre for the entire stat and the average acre value of the crop was \$31.00. During the same year the combined acreage of timothy and clover averaged 1.6 tons per acre, valued at \$14.00. It costs no more to grow an acre of alfalfa than it does to grow an acre of timothy or clover The average cost of growing an acre of clover or timothy is approximately \$10.00. Thus the farmer would clean

blood spavins, curbs, splints, sweeney, ringbone, stifles, sprains all swollen throats, coughs, etc. Save \$50 by the use of one bottle. Warranted the most wonderful cure known, Sold by Graham Drug Co. adv

VOL. XXXIX.

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a great surprise on account of its exceeding promptness in relieving pain in bladder, kidneys and back, Relieves rein male or female. Reliev tention of water almost imm ly. If you want quick relief and cure this is the remedy. Sold by adv Graham Drug Company.

The National Conservation Exposition at Knoxville, Tenn., open-ed Monday with a wireless mes-sage from President Wilson.



Beginning Monday the penalty of \$1 a bale on each bale of coton trial last week. His conviction standard 27x54-inch size, will be assessed by the railroads and steamship companies. Notice of the penalty was given six months on trial last week. His conviction is probable, as the same evidence applies in his case as in the case of Diggs. The offense is a fsel-ony and both men are liable for prison terms not exceeding five the penalty was given six months ago but little attention was paid to it.

alfalfa because we can by means of it grow on our own farms the protein more profitably than we can buy it in feed stuffs. We need alfalfa because it feeds the soil and enables us to grow larger crops of corn and oats. We need alfalfa because it produces on an average double the feed values per acre of clover or any other forage.

Advisable to Inoculate

crop.

typhoon which raged over Japan for several days show that it was more disastrous than was at first believed and that fatalities will aggregate 1,000. Relief in Six Hours To Distressing Kidney and Blad-ner Disease relieved in six hours by the "NEW GREAT SOUTH AMERICAN KIDNEY CURE." It is a great surprise on account of its

Alfalfa Essentials

A well prepared, firm, solid seed bed, plenty of good barnyard manure, and fallow to kill the weeds, are most important. Lime? Yes, one to two loads per acre, and by all means in-oculate. Ground too wet for corn is not suited for alfajfa.

Make a Beginning-Start Now. Make a beginning-start row. Every farmer should try at least a small piece of alfalfa and if he does not succeed at first, try again and keep on trying until he does succeed. It is worth the while. If the work is thoroughly done and at the proper time, you will most cer-tanly succeed in securing a good

tainly succeed in securing a good stand; if the work is half done and out of season, you will just as cer-tainly fail. Make a beginning-start now. now.

Maury L. Diggs, convicted in San

Francisco of violating the Mann "white slave" wact, was released on \$20,000 bail for sentence Sep-Edward C. McCall will be the Tammany candidate for Mayor of York. John Puroy Mitchell, re-Stember 2nd. Drew F. Caminetti cently appointed collector of the his companion in crime was put on trial last week. His conviction port of New York by President Wilson, is the fusion candidate, being supported by the anti-Tammany Democrats, Republicans and will be an independent candidate.

cut alfalfa late in the afternoon of lfalfa ha . the smaller evening. Dew or rain on the freshly cut alfalfa will not injure it. Where a tedder is used, it should be started in Several litters of weanling pigs were equally divided into two lots. The pigs were carefully chosen as to weight and thriftiness, so that each lot the morning as soon as most of the represented a fair average of the total number of pigs used in the experidew is off and before there is any danger of knocking off the leaves. It is often advisable to go over it more It is

%

60

40

40

60

20

80

The experiment was carried on fo Alfalfa hay is harvested and cured a period of eight months. At the end of this time the pigs fed on corn and alfalfa hay were in excellent condiin much the same way as clover, ex-



tion for market and av age 250 pounds, dressed, while ne prs fed on corn alone were thin and errawny and averaged but 60 pounds each. In the latter case, one pig died of what the veterinarian declared to be starve-tion notwithstanding the fact that tion, notwithstanding the fact that this lot of pigs had all the corn they These cloths may have wooden pers

J. Otis Humphrey, judge U. S. Dis-trict court, Springfield, Illinois: "Tou can grow alfalfa anywhere in the corn beit and the crop is worth \$50 an Must Have Protein. Must Have Protein. The servery 60-pound pigs lacked protein, that element required in growing animals, to develop bone and muscle, blood, nerve and tis sue—that which builds the frame—the

acre." Joseph Wing of Ohio: "Alfalfa will pay any farmer 6 per cent. on \$506 an acre land." There was a great celebration at High Point Saturday as the result of the completion of the Carolins and Yadkin River Railroad, which connects High Point with the Atlantic Coast Line and Nor folk and Western roads. Judge Boyd was the principal speaker and the only disappointing event Independents, while Mayor Gaynor will be an independent candidate, of the day was that the flying ma-chine failed to fly.

The bones of the "corn-alfalfa" lot of pigs were double the size of the lot fed on corn alone and stood a breaking strain of 1,370 pounds as against 520 pounds for the lot fed on a single ra-

ANT T

Alfalfa should be raked and either put in the barn or if it is not sufficient ly dry, put into hay cocks. It is a mat

ter of economy to have two or three

soon pay for themselves in finer quality of hay guaranteed by their

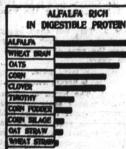
Will Becker, a farmer of Tyro

townshi Davidson county, was struck by a train at a crossing

Saturday night and probably fatal

ALFALFA RICH IN PROTEIN

Alfalfa has high feeding value, a shown by the chart below, taken from California Bul. No. 132. This is due to its digestibility and its composi-tion. Alfalfa is rich in digestible pro-tein which is the bone and muscle building element. It is also rich in ni-



7.5

2.5

1.8

12

rogen, the onent of protein but protein is the costly for It is absolutely personant It is absolutely necessary for the pro-duction of milk and for young grow-ing animals. Pigs will starve on corn-alone. All animals must have frame building food as well as fat producing food, such as corn. Alfalfs with corn makes a perfectly building with corn makes a perfectly ary for the pro or some sort of weights attached to each corner to hold them in place; the pegs can be pushed into the hay to hold the corners fast. Hay caps will

balanced ration, supplying the animal with an abundance of bone, fiesh and (at giving material. ----

Mecklenburg county has found a buyer for \$110,000 of bonds which it has had on the market for some time. About \$75,000 of the amount will be expended in building a new jail.

ly injured. His mule was killed and buggy demolished. Becker is said to have been drinking. The President has appointed Francis Burton Harrison, member of Congress from New York, gov-ernor general of the Philippines, and the appointment has been confirmed.

hear the alfalfa lecturers

gle caño of dangerous sickness. Clean athletica. A distinguished Bostonian writes: "Of all the collegue I have visited in six years as International Fleid Secretary of Christian Endeavor, the spirit of Hom College seems to be the most yearsheady Christian." --Karl Lehman. Write at once for catalogue and river. In all of these campaigns which were conducted within a period of about two months nearly 50,000 farm-President, W. A. HARPER, Elon College, N. G. ers have been reached with the gos pel of alfalfa.

As a result also of the campaign vork it is conservatively estimated that 200,000 acres of alfalfa will be seeded during this and the coming

eason Such is the result of the initial work Such is the result of the initial work of campaigning for alfalfa, but vastly more than this tangible result has been accomplished. Every farmer throughout the region where the work was conducted is talking about al-falfa. The co-operation of the schools

faifa. The co-operation of the schools in the territory is a very important and effective feature. School officials, from the highest to the lowest, have never failed to appreciate the oppor-tunity. Professor Holden has expressed himself as considering it the most wonderful experience and the most beneficial trip from the farm stand-point that he has ever taken. 9.5 7.8

point that he has ever taken. But this is not all-wherever the farmers of any community are inter-ested in the growing of alfalfa, when possible a followup man, thorough in his knowledge of alfalfa culture, will be sent out to assist them in getting a start. He will live with the farmers and aid them in solving the problems at home. He will go from farm to farm upon re-quest and study success and failure. Before the coming of 1914 cam-

Quest and study success and initiate. Before the coming of 1914 cam-paigns will have been conducted in every part of the United States and Canadá. Interest is growing so rap-idly that many counties have organized campaigns and undertaken the work without assistance from the outside.

Asheville banks will get \$50,000 of the government money-this being in addition to the amounts allotted at the other points in the

State.

the inmates were injured.

of Labor will be kept on the sai plane.

You Know What You Are Taki Preston Loftin, a Kinston negro who beers a good reputation, saw mother man in his home with his wife and opened fire. The woman was shot twice and will. Lof-tin surrendered to the police. State. During a severe storm at Gran-ite Falls, Caldwell county, Friday, lightning struck a house and tore up three rooms, but none of the inmates were injured. When you take Grove's Ta Uss Chill Tonic because the for ula is plainly printed on eve bottle showing that is is Iron s Quinne in a tastless form. eure, No Pay. 50c.

Dr Burns, Bolls, Guts, Piles, Eczema, Skin Eruptions, Uicers, Fever-Sores, Pimpies Itch, Felons, Wounds, Bruises Ghilblains, Ringworm, Sore Lips and Hands, Cold - Sores, Corns, ONLY GENUINE ARNIGA SALVE ONLY GENLINE ARNICA SALVE. MONEY BACK IF IT FAILS 25c AT ALL DRUCGISTS To Cure a Cold in One Day.

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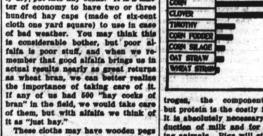
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W. Grove's cignature is on er

Congress has refused to allow Secretary of Labor Wilson an au tomobile at government expe

Other cabinet officers are fur nished carriages and the Secretar



With 12.3 Per Cent. of Digestib Protein, Alfalfa Surpasses Even Wheat Bran in Feeding Value. HAY CAPS FOR ALFALFA

Timothy

and Clover

Time