NITROGEN FROM THE AIR.

Congressman Faison Introduces Bill Appropriating \$350,000 for Testing Best Method of Extracting Nitrogen

Washington, D. C .- Representative cheapest methods of obtaining nitro- report. gen from the air for agricultural purply of nitrogen or ammonia, which | 280. comes largely from it is not only becoming exhausted, but is prohibitive seized and destroyed, 267. in price because of the distance of the distance of transportation and bemines and has been gradually increas- | Page, the four Congressmen from the required for the growing crops. contains only 19 or 20 per cent am-

The electrical process, he declares, needs only electric power, air, water, and limestone. Electrically heated air is cooled rapidly over pulverized limestone, the result being calcium nitrate. This nitrate i smanufactured at a cost of 50 to 80 cents a ton, much cheaper than the Chile salts can be 17 per cent ammonia and make an liquor makers. ideal fertilizer. The experiment has been successfully tried in Norway. CROP ROTATION HELPS LAND Representative Faison would have the government lead the way by determining the best methods of manufacture

acid phosphate with no sulphuric acid ter condition or order, but rotation en- but will find your farm far more val- stubble-fields, sorghum and sunflower ratch. left to retard growth. The fertilizer's courages crop growth, causing them uable and profitable. In our farming seeds, chufas, etc. plant food is increased in value 250 to produce a larger yield and better operations we must have objects in From the stock kept fifty loads of per cent and no expense for liming is quality, therefore increasing our pro- view, such as the planting or sowing | rich manure was saved under cover.

Fine Beets and Turnips. At the fair last week Charles Dellinger exhibited some very fine sugar beets.-McDowell Progress.

More Blockading in Oleomargarine Than in Liquor Now.

port of the Commissioner of Internal regular farm crops in rotation, the John M. Faison of North Carolina, has Revenue will show a slight decrease soil can be kept up to a fairly good introduced a bill in Congress asking in the number of illicit distilleries state of fertilization; but it is advisafor an appropriation of \$350,000 for seized and destroyed and reported for ble and essential to sow a legume or Fireside. the purpose of testing the best and seizure in North Carolina over the last soil improvement crop in such fields

Blockade Oleo.

AND GIVES VARIETY OF FOOD. meet all of the above requirements.

ed and treated with sculphuric acid is meant, is to grow such crops in ro- ity of the soil. Such crops turned profitable penny. rendered available for plant food, the steadily improve his farm. I can not to grow any kind of crop.

fits. We must have fields so arrang- of crops which will increase the fer- which, with the aid of cover crops ed to produce moneyed crops one year ality or make our soils more productive ned down, made unnecessary the crop. By such rotation we are im- select those which we can get the most lizer. croving a certain portion o fthe farm

LESS MOONSHINING THIS YEAR. | produce fine corn, tobacco, or cotton, and will not injure the land nearly as much as when left idle or not cultiva-ted until another year.

Washington.-The 'next annual re- nures and fertilizers and growing the to begin for himself, there is special views of North Carolinians who have more or less in a loose or mellow cause of trust manipulation. He says recently visited the State. Represent- condition, also being enriched, furn- when this report was secured. the trust controls the output of the atives Webb, Doughton, Gudger and ishing humus and plant food so much Mr. Watson, Sr., has passed his sev-

ing the price until now it costs the State who have mountain counties, say | At the last cultivation given the life partner have made their matrifarmer about \$6 a ton. This product that there has been a great change in crop I find it important and profitable monial journey together for fifty years, sentiment in the old moonshining cen- to sow a crop which will act as a cov- living where his forebears have lived ters. The persons who once thought ering during the winter. Several ad- for five generations. His interest and mat they could not earn a living with- vantages will be derived from such a delight in making his little home place out making "moonshine" liquor are cover crop practice. First it furn- productive and profitable has not lesnow turning to other enterprises. The ishes shade fo rthe soil, and keeps it sened a whit with the passing of the school house is taking the place of the from washing or leaching so badly, years. Some idea of Mr. Watson's Second, it will help to retain the mois- physical fitness for farming might be Crates. 252.00 ture in the soil in a droughty season, understood from the fact that he had Cost of exhibits stock at fairs 30.00 The next report of the Commission- and will also add to its fertility. Third just returned from a horseback ride er of Internal Revenue will show that if the proper kind of crop is sown will of forty-five miles from a religious mined. The electrically manufac- oleomargarine blockaders are far more furnish some winter and early spring convention at the time this account tured nitrates, it is claimed, contain numerous and active than Southern grazing for cattle and sheep, which was placed on paper for Farm and must not be overlooked. For this cov- Fireside readers. er crop I highly recommend crimson His Motto: "Intensify and Diversify." clover, and think it most suitable to The soil of the little farm is sandy

is fallowed under in the spring will in Atlanta Journal.

High-Pressure Farming.

These days, when machine farming of big areas appeals more and more Of course, by using different ma- to nearly every young farmer about interest in what is being accomplished on little farms, says Farm and

One coming unde rthis catagory is at least once in every three years, and located in Saluda county, South Car-The figures are: for 1913, reported turn under i na green state. Where clina, owned and operated by R. B. poses. He says that the present sup- for seizure 446; seized and destroyed, the regular farm crops are used only Watson and sons. The farm contains. in rotation, the soil has a tendency to all told, only fifteen acres. About one For 1912, reported for seizure, 486; | recome close, and in a packed condi- acre is occupied with the house, barn, tion, but by using a legume crop oc- carriage-house, packing-house and The coming report coincides with the 'casionally the soil will always be kept yard; also, one and one-half acres unfor tillage was about to be drained

enty-sixth milestone, and he and his

loam overlaying clay, and the greater There are a number of different part is rich in plant-food and vegeta-In our farming operations it must kinus of crops that may be used for ble matter, kept so by systematic fer- ter of the Daughters of the American Another appropriation asked by an important object if we desire to clover and deem it decidedly the best manure, and good culture, through a the national organization in marking

testing the best electrical methods of the same time insuring a larger profit. experience that it is one of the best duction. The motto "Intensify and Carolina to Kentucky and on to Misobtaining a larger per cent of acid If farmers would only practice a reg- soil builders that can be grown. Rape, I iversify" was long since adopted on soil. The local chapter is planning to phosphates from phosphate rock by mar yearly system of crop rotation cowpeas, soja beans and vetches are this farm. Cows, hogs and poultry place a marker at Boone's Cave on the baking such rock in high-temperature best adapted to the nature of their good crops to be used in rotation, and are kept in such numbers as prove banks of the Yadkin on Saturday, Oc electric ovens. Heretofore, he says, farms and themselves would be hand- fallowed under in a green state, as most profitable, combined with fruit, tober 25th. There will be interesting phosphate rock has been mined, crush- somely benefited by the process. What rac hone will add greatly to the fertil- truck and anything that will turn a exercises at the cabin. Several of the

of - will be most profita- In making up the account of the op- on the question of levying a special beets which he says he finds can be annually. Of course, we can grow if ble, working in a systematic way so erations of his little farm, Mr. Watson tax to construct a new school building gregated \$124,366. grown with success in this section. desired (and is best) a moneyed crop, as the business will not be a burden made no record of the large number; in Old Fort. The bill provides for a They have a splendid flavor and ac- and also soil improvement crop the or drudge, but an enjoyable and most of chickens and eggs and the generous structure to cost not less than eight use and analysis of fertilizers used in use in his large family. The book ac- lars.

count of credit and debits for the year

| | TO TO H D. | |
|----|--------------------------------|----------|
| 3 | Sales. | |
| е | Peach trees (600 trees | 2,445.25 |
| t | Poultry and eggs | 567.50 |
| 1 | Perkshire pigs | |
| 1 | 1,075 lbs pork | 80.62 |
| - | 150 bu. corn ., | |
| i | 106 bu. oats | |
| | Rye | 9.00 |
| 8 | 100,000 asparagus roots | 200.00 |
| | Milk and butter | 109.25 |
| | Beans | 14.25 |
| | Irish potatoes | 5.05 |
| 9 | 60 bu. sweet potatoes | 30.00 |
| | Srawberries | 7.25 |
| i | Fadishes | |
| | 1 1-2 tons pea vine hay | 22.50 |
| 1 | Soighum-hay | 23.00 |
| | Premiums won at fairs on | |
| | corn, poultry and hogs | 104.65 |
| 4 | Profit on cows bought and sold | |
| | 1 hale long-staple cotton (not | |
| | sold) estimated at | 50.00 |
| | | 00.00 |
| | Total sales | 4.116.52 |
| | Expenses. | -,0,0- |
| | Labor | \$286 50 |
| | Feed for stock | |
| - | Fertilizers | |
| 10 | Contract | 00.00 |

Net income\$3,248.27 This shows a net average income for the year of over \$230 per acre.

Total expenses.....\$868.25

To Mark Trail of Daniel Boone.

The General William Davidson chapand protect the process from private be remembered that crop rotation is this purpose, though prefer crimson tilizing, for the most part with stable Revolution, of this city, will join with Representative Faison is \$50,000 for | teep up or improve our land, and at and most profitable, as I know from half century of steady intensive pro- the trail of Daniel Boone from North state officers of the D. A. R. will be for extracting in soluble form acid tation which the soil is best capable under in the green state furnish plant. Two good cows, Berkshire swine present and there will be an address phosphate for plant food. By such of producing. It is a well known fact food in its decay, and after decayed and pure-bred poultry were kept dur- by Rev. A. W. Plyler. Mr. J. Rav Mc. tilizers during the period from October chemical treatment only 16 per cent that every farmer desires (and it's to cr rotten retains the moisture in the jear comprising this report, Crary, of this city, has been invited to 1, 1912, to October 1, 1913 says the of soluble acid phosphate has been his interest) to try and keep up or soil, without which it is impossible an dthe sale of weanling pigs, eggs deliver an address and has signified Atlanta Jounnal. More fertilizers for market and hatching milk and but- his acceptance. He is the logical were used in the state during the remainder being insoluble. A quanti- recommend any easier or quicker Rotation of crops also means a ter materially helped to swell the in- man for the job, owing to his deep in- past season than in any other season tv of free sulphuric acid remains in method which will have the desired good deal more of different feeds pro- come. The catch and cover crops, re- terest in all things pertaining to Dan- of the state's history, except that the commercial acid phosphate, which effect than a regular systematic rota- duced, which saves the extra cost of fuse from truck crops and stuble jel Boone. Mrs. Lindsay Patterson of 1910-11 which broke all records sours the soil and retards plant tion of crops, in both regular farm buying. This bountiful supply of feed gleanings were sufficient to materially and Mrs. W. R. Reynolds, of Winston- During the season of 1910-11 the also means more and better live stock, reduce the feed-bills. Rye and bar- Salem, who directed the dedication of state consumed 1,202,722 tons Never crop the same land year after which also insures more plant food to ley, sown following truck and grain the Boone tablet at Huntsville last straight fertlizers and 129,748 tons of tility of solution of the remaining 84 | year with the same kind of crop, as be returned to the soil, which in the crops, furnished green feed from Octo- week, have been invited to attend the cotton seed meal. This last season it per cent of phosphate in the phosphate this method when practiced will kill end certainly means more profit and ber to May for cows, hogs and poul- exercises at Boone's Cabin. Mrs. S. W | used 1,120,693 tons of straight fertilizor ruin the best land in a very short enjoyment for the farmer. Use a reg- ry. Then grass, sorghum and green Finch, regent of the local chapter, will ers and 122,979 tons of cotton seed The electrical method, it is said period; but use a crop rotation sys- ular system of crop rotation, and corn provided soiling feed until fall. preside. The exercises will begin at meal, takes out of the rock 40 per cent of ten Not only is the soil kept in bet- stick to it. You will never regret it, In addition, the poultry had access to 1:30 o'clock, p. m .- Lexington Dis-

New School Building.

An act was passed by the General Assembly at the special session proand the next in a soil improvement rive while growing them, and also to heavy expense for commercial ferti- viding for the calling of an election to be held fo rthe purpose of voting cotton seed meal sold in Georgia, and cording to his liking beat all other same year, as where crimson clover pleasant operation.—Andrew M. Soule quantity of butter consumed for home nor more than twelve thousand dol- Georgia has just been issued by the

WARNING TO LAWMAKERS.

Dr. Shaw Will Use Influence Against Lawmakers Opposing Woman Sui-

Washington.-Defeat for re-election of all who oppose the adoption of a constitutional amendment to assure nation-wide woman suffrage, including senators and representatives in congress and members of the state legislatures, is the avowed object of Dr. Anna Howard Shaw, president of the National American Woman Suftrage association.

Dr. Shaw made this announcement after a conference on the subject today with Washington suffragists. She will inaugurate her campaign at Lynchburg, Va., next Friday night, when she will address the Virginia Suffrage league, and proposes to continue it before other suffrage organizations in various cities.

Plans for the convention of the National American Woman Suffrage association, to be held here in December, were considered at the confererce. Action on the constitutional amendment will be the principal feature of the convention.

In a statement today Dr. Shaw denounced the detention of Mrs. Emme. line Pankhurst, the British suffragette leader, at Ellis Island, characterizing it as "ridiculous in the extreme."

The only effect upon woman suffrage in this country Mrs. Pankhurst's coming could have, she said, would be to arouse sympathy for the cause

\$25,500,00 IS SPENT BY FARMERS ON FERTILIZER.

More Used in Season Than Ever Be. fore Except in 1910-11

Approximately \$25,500,00 was expended in Georgia for commercial fer-

At the very conservative estimate of \$20 a ton the farmers invested during the season just closed \$22,415,860 for straight fertilizers. Figured on an average price of \$25 per ton they invested \$3,074,375 for cotton seed meal.

The state collects a tag tax of ten cents on every ton of fertilizer and these fees during the past season ag-A comprehensive report on the sale,

state department of agriculture.

THE COMING SENSATION =

"THE LEOPARD'S SPOTS"

By Thomas Dixon, Author of "THE CLANSMAN"

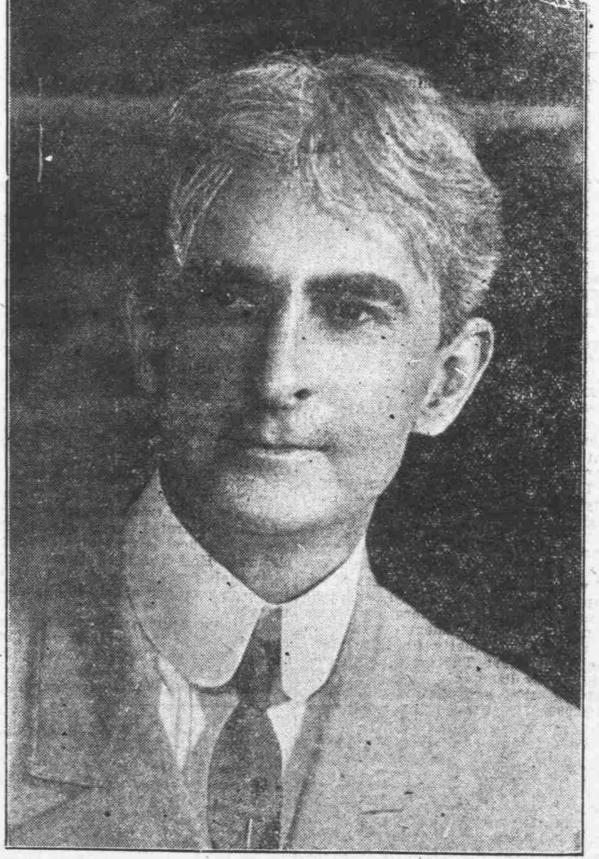
The Leopard Spots is the only attraction in America that can play North Carolina five solid weeks. Dramatized and directed by the Author.

The same cast and production that is playing all the large cities, Greensboro, Wilmington, Charlotte, Salisbury, Durham and Raleigh.

The production of The Leopard's Spots is the greatest national event of the year 1913.

---Senator Vardaman, Miss.

BIGGER AND BETTER THAN "THE CLANSMAN"



THOS. DIXON, AUTHOR.

ONE NIGHT FRIDAY, OCT. 31

Tickets on sale at Hunter's Pharmacy Tuesday, Oct. 28th

Curtain will rise at 8:30 sharp to enable merchants and clerks to reach theatre in time.