THE WATCHMAN AND SOUTHRON, AUGUST 20, 1913.

during the past year and a half, they during the winter.

course of lectures is that, whether After several years of testing I find to the same distances in drill and row. done right. you know it or not, quite a number that this rye makes a growth of from These tests were not intended to show The smaller farmers can obtain the the farmers' notes annually held in men must necessarily be chosen by incomes directly from the soil. A tivator or wide sweep, it makes a very large proportion of the young quick and thrifty growth, and we have men who pass through college ul- already plowed in on our plantations timately take up other professions hundreds of acres of this rye, which than those they contemplated before had reached a height of 12 to 18 27th year before he took anything is almost unbelievable and it would more than a superficial interest in ag- interest you very much to see growriculture. Without having statistics ing side by side on our experimental before me, I will venture the assertion farm test plots of this Abruzzi rye that very nearly as large a proportion and several Southern varieties, as the of the graduates of the University contrast is most striking.

of South Carolina during the part Early last March we clipped by 20 years are actually conducting hand several short rows of Abruzzi farms today as are the graduates of rye and rows of equal length of Vir-Clemson college for the same period. ginia and home-raised rye, all of It is certainly beyond question that which were planted late in November, cutting roots by the wholesale in or- broadcast are frequently thinned out ledgeville, a little station in Aiken Ashley, member of the house of repmany of the most enlightened and and found by weighing that the Ital- der to get the proper effect. (I might badly by heavy freezes. useful farmers in the State today are ian rye had made more than three mention just here that some years The limits of this paper forbid my harm, the elder Vincent having suffered a stroke of paralysis at his graduates of this institution. So, and one-half times as much growth ago I plowed up and set out a whole telling you about my experiments threatened to kill the whole family home near Honea Path this morning

PRACTICAL HINTS ON FARM crops by Mr. A. G. Smith. Mr. Smith Our great Darlington county agri- duce a large amount of humus. This ably advocates the use of crimson culturist, E. McIver Williamson, has is a part of the gospel of the Wilclover and hairy vetch as a means of shown the South how to raise corn, liamson plan.

Importance of Proper Sced-Plowing restoring soil fertility, and I quite and while his method is being used Good preparation of the land is ex- Drag on Through Next Week and -The Vital Need of Crop Rotation agree with him as to their value un- to great advantage by thousands, the pensive. Done with \$300 mules and Go Into House. -Live Stock and Its Relation to the der conditions which suit them. They fact that our State continues to im - \$1 a day laborers, it costs approxi-Farm-Use of Cover Crops-Wil- do excellently on clay or limestone pert corn proves that his advice has mately \$3 per acre for cutting the Washington, Aug. 15.-After three D. C. Heyward, who was recently

er of Hartsville before the students however, that most of those who have coveries were at first bitterly attacked bought a traction engine with which ocratic caucus late today adjourned day in order to perfect himself in his and faculty of the University of tried to grow these crops in our gray, by many of the agricultural author- we are plowing down the uncut cot- until Monday. The fight for amend- duties with officials of the treasury

lectures which have been given here allow of their being plowed down who are unconvinced.

educated man. The general prosper- same time restore fertility, I be- tional department of agriculture, 1 traction engine.

ity of our country is very largely gan experimenting a good many years decided to make my test of the Wil- The actual cost of running our Representative Hardwick of Geor- in South Carolina," said Mr. Heyward, based on the 'success of the farmer. ago with the clovers, vetches, and va- liamson method against a method traction engine is less than \$1 per gia attacked the bill as creating a "and from an eligible list my perma-None of us is independent of him. rious grains, including Chinese sor- identical with his except that the acre for fuel and labor. Call this ex- great monopoly in money, establish- nent force will be chosen. Between Merchant, manufacturer, professional ghum. It was through the courtesy of stunting feature should be left out pense \$1 and add another dollar for ing "a gigantic political and financial the time the office is opened, namely, man, salaried man, laborer-all pros- Mr. W. A. Orton of the department of This involved level planting, rapid cul- interest and depreciation and you machine conferring greater power on September 1, and the time that the per in proportion to the money value agriculture, however, that I finally ture and the early application of fer- have the figure upon which the pre- than any man or set of men should civil service commission reports on of the crops, so every citizen has a discovered a crop which I think is tilizers to one plot while the William- ceding estimate is made. The main have." direct interest in agriculture and ideal for grazing and winter cover. son plot was, of course, planted and value of the power propelled plow. Representative Wingo of Arkansas, permanent positions, of course there should be in a position to use his This is a species of rye introduced by cultivated strictly according to his however, is not in the saving in cost disclaiming any connection between will have to be a few temporary eminfluence intelligently in its behalf. our government from the province of methods. Both plots were well pre- of preparation, but is in getting the his amendments and those proposed ployes, but it should be distinctly unpared, seeded to the same variety and plowing done at the right time and by others who are fighting for derstood that the latter are tempo-

of you are going to become farmers, two to four times as much during the the benefit of the Williamson method advantages of the traction engine by the Southern and Western banks. I presume that a fair proportion of winter months as our native ryes. as against the old method formerly combining and several together pur- Representative Henry of Texas, ad- tion. I would like to have this clearyou expect to follow agriculture as a Planted in the cotton during Septem- employed, but were meant solely to chasing an outfit. Or possibly plow vocating amendments against inter- ly understood, so there may be no profession, but some who do not now ber or October at the rate of one answer socalled scientific critics who outfits may some day go from farm locking directorates and for what he misunderstanding regarding the matsuspect it will some day derive their bushel per acre, and covered with cul- had so earnestly inveighed against it. to farm (just as threshers do now) called "corn tassel and cotton bale ter. These experiments have now ex- and break the land for so much per cash," asserted that the refunding of "I have been in consultation with tended over a period of five years. An acre.

accident happened to one of the 1911 One of the most important dis- the 3 per cent non-circulating bonds members of the civil service commisplots and I will not mention that just coveries we have made in our experi- would permit a "big grab and steal sion, and they have promised to make here. During the other four years mental work is that a very much by big banks." graduation. This speaker was in his inches. The rapid growth of this rye the experiments were carefully car- smaller amount of oat seed than is ried to completion without accident, usually used by the average farmer all work, except the ordinary cultiva- seems to produce maximum results. tion, being done by young men of edu. For three years in succession we test- Small Bail Gives Freedom to Joe fice in Columbia on September 1." cation and experience. The average 3d in our experimental blocks seedof these four years shows a gain for ings at the rate of 3, 6 and 12 pecks the Williamson method of 7:05 per acre, and invariably had gotten

bushels per acre. Every year the heaviest yields with three pecks. 1 Williamson method plots were stunt- would not, however, advise as light year-old Lee Vincent, the boy who ed severely, and in some instances we a rate of seeding as this unless the Monday night of last week shot and had to bar them off with turn plows grain drill is used, for, seed planted killed his father, Joe Vincent, at Mil-

CURRENCY FIGHT ON.

Probability is That Contest Will Former Gov. Heyward Announces

soils and I have occasionally seen not been heeded by a great number stalks, plowing the land with two- hours of lively discussion between nominated by the president to be colhorse plows and harrowing with cut the administration forces and the cur- lector of internal revenue for South (A lecture delivered by D. R. Cok- lands in eastern Carolina. I must say, Mr. Williamson's revolutionary dis- away harrow. We have recently rency "insurgents" the house Dem- Carolina, came to Washington yestersandy loam cotton fields have failed ities of the South and while the re- ton stalks, breaking the soil 10 to 12 ments to the bill had been bitter and department. -I among them. A serious objection sults so widely obtained in this State inches deep and at the same time tonight prospects were that the cau- Practically all of yesterday and When the university authorities to them is that they do not make a have silenced some of them, there harrowing it thoroughly. Figuring cus might run through all next week. today were spent by Mr. Heys .rd in planned the course of agricultural good cover for the soil in time to are still, I think, quite a number 6 inches as the depth usually plowed with a final contest on the floor of the conference with treasury officials reby two-horse teams and 10 inches as house inevitable.

were, I think, proceeding under the Realizing the need of discovering nounced his method I planned a se- traction engine, each inch of the mule caucus soon after Representative Bor- Columbia on September 1. theory that some knowledge of the and inducing the farmers to use ries of experiments to test its efficien- broken land costs 50 cents per acre land of Missouri entered upon an "An examination will be held in basic principles of agriculture should crops which would produce an abund- cy. After discussing my plans with to prepare against 20 cents per inch analytical defense of the measure. He Columbia on August 16 for the purbe a part of the equipment of every ance of grazing and hay and at the several of the authorities of the na- per acre for that prepared by the and Mr. Underwood, majority leader, pose of examining candidates for po-

SMALL BOY LEAVES JAID.

Vincent-Shot and Killed His Father.

Augusta, Ga., Aug. 14 .- Twelve- Well Known Member of House of

Good Reason for His Enthusiasm.

other form of bowel complaint and is

he should be enthusiastic in his praise

relief, only getting worse all the time.

I was unable to do anything and my

weight dropped from 145 to 125

relief," writes B. W. Hill of Snow

NEW COLUMBIA OFFICE.

Office of Internal Revenue Will **Open Stepember 1.**

garding the work that the former will The year after Mr. Williamson an- the depth of the preparation with the Attacks on the bill began in the undertake when his office is opened at

the 2 per cent circulation bonds by Commissioner Galloway and other known the result of the examination just referred to at the earliest time. I will leave for South Carolina tomorrow and, as stated, will open my of-

J. W. ASHLEY ILL.

Representatives From Anderson County is Stricken.

farmers have been forced to resort the South in recent years. caused by years of clean culture, that we import millions of dollars the vitality of the seed injured. While they have saved themselves worth of Western grain, hay and I have carried on numerous experi- other lecturers. average size of his crop.

duces in increasing quantities a totic mal crops exert a great collateral in- duction of 6.6 bushels per acre. In partner with nature. substance, which interferes with the fluence on the production of our prin- 1910 this experiment was overlooked If any of you young men are inwelfare of that crop but which cipal money crop-cotton.

State is' fast approaching the point portion of the acreage to hay and plants from which the fodder has plowing and cover crops.

I am an opponent of the rational use hands we have already cut out cot- 4 inches with a one-horse plow, or of fertilizers. On the contrary I be- ton acreage to nearly one-half the possibly he turns from 5 to 6 inches lieve that they can always be used total crop area and expect to curtail of soil with a two-horse implement with great profit on properly conduct- it still further. I expect, however, and the roots of the crop are praced farms in this section. I do believe, to continue to raise fully as much ticaly confined to this plowed depth however; that where the farmer con- cotton as formerly because of the for their plant food and moisture. I tinues to plant the bulk of his acre- rapid improvement of the soil caused doubt if deep plowing is very benefiage in cotton, breaking his land shall by rapid rotation, the frequent use of sid on humus depleted lands, espelow and depending exclusively on fer- the cow pea, the plowing in of cover cially if done in the spring, but I am New Life Pills are such perfect pills to a hospital in New Orleans, but no tilizer to restore soil fertility, he will rops, the use of the manure from sure that our farms can not be no home should be without them." cure was effected. On returning home I began taking Chamberlain's Tab. sooner or later become bankrupt. dive stock, deep plowing, and the brought to high productive capacity is brought to high productive capacity is and worked right along. I used We had last year several illumina-breeding of more prolitic varieties without deep plowing coupled with them. Price 25c at your druggist. - right." For sale by all dealers. - the employment of crops which pro ting lectures on the subject of cover of seeds.

I have come to you today to tell ian rye produced from two to three the other row was set out.) you about a few of the agricultural times as much as the other varieties. In my 1911 experiments we failed crops. Nor can I speak at length ty. Solicitor Gunter agreed to this Mr. Ashley attended the Ackyr

A very large proportion of our lands of ordinary rye making under nor- tilizer of the other. Notwithsatnding they trust the eye rather than the little prisoner said: having been continuously devoted to mal conditions. The other half of this tremendous advantage, the Wil- scale-I would like to urge you to "I'm mighty glad I'm going to get conscious condition. content of the soil has become almost and the stubble turned under. Our one-half bushels per acre more. the host of innumerable bacteria crop, but produced about 1,900 pounds ployed on Southern farms. I refer to upon average lands with average fer- husband contributing nothing to the The left side was not harmed, re-

worse and worse where it is contin- and produces profitable crops of all fodder, which would leave the ex- over our entire plant. uously planted on the same land. kinds. We can not rotate our lands pense of gathering as a loss. Besides, The average cotton farmer of our rapidly unless we seed a large pro- the immaturity of the seed taken from

where his increasing fertilizer bill will grain crops and this renders neces- been stripped almost surely affects entirely extinguish his average profit, sary the keeping of more live stock the yield of the succeeding crop. (We and I do not see how this can long be to consume the surplus. A quick ro- have planned a test this year to see you will avoid these diseases. "For these of it and it gave me permanent avoided except by a radical change of tation also allows the frequent use what this loss is.) method involving crop rotation, deep of cow pea, that splendid gatherer of The average farmer does not plow

nitrogen and humus. On the two deeply enough. Year after year he I would not have it understood that farms which we work with wage scratches the soil to a depth of 3 to

problems which confront your farm- Last year we planted Abruzzi rye to get a stand on the early manured about the use of lime and its effect small amount because of the circum- family reunion yesterday at Williamers and to make suggestions as to upon a piece of land on which we had plot, owing, I think to the killing of on crop production, but will only say stances. their solution. I shall direct your at- never raised more than one bale of the seed by the fertilizer? This plot that I believe practically all the land Dave Gaston, Jr., who recently health and spirits. This morning he tention to some of the more common cotton per acre. We used no ferti- was planted again two weeks later in eastern Carolina needs an applica- graduated from the law department ate a hearty breakfast and then promistakes now being made and give lizer, the seed being sown after a and was cultivated exactly like the tion of one-half to one ton of lime or of the University of South Carolina, ceeded to direct some mechanics in you some ideas as to how they may crop of peavine hay and then harrow- Williamson method plot with the ex- twice the quantity of ground lime- has volunteered to defend young repairing his cotton gin. One of the ed in with double cutaway harrow. ception that no effort was made to stone about once every five years. Vincent. When he went to the Aiken men called for some nails and Mr. The method of farming employed About one-half of the field was left stunt it. Fertilizer was applied at the I would like to warn you never to jail to tell the boy that his father. Ashley started to a nearby house for in this country ever since the general to make seed and produced 24 1-2 time of the application to the Wil- judge crop results on the farm by D. W. Gaston, president of the First them and while on his way the atintroduction of cotton has been most bushels per acre, which is a much liamson plot and to the same amount; the eye and tell you how often train- National Bank of Aiken, had agreed tack came upon him. He stumbled disastrous in its effect upon the soil. greater yield than I have ever heard thus this plot received double the fer- ed observers make mistakes when voluntarily to go on the bond, the and fell, and when help reached him

this clean, culture crop, the humus this field of rye was mowed in March liamson method plot made seven and do all agricultural experimental work out of here; my fodder needs pulling." Mr. Ashley was carried to the house exhausted. Now humus is the most variety test of cotton was planted Before leaving the subject of corn and never presume that any seed is has been his mother's main support. After a thorough examination they valuable and necessary constituent of on a part of this land and fertilized I must not fail to speak of one of the of superior value until you have test- Together the mother and little son announced that he had suffered a the soil. It furnishes plant food; is and worked exactly like our main worst practices now generally em- ed it along side of other varieties have been farming, the father and stroke of paralysis in the right side.

which are beneficial to platn life; it of seed cotton per acre as against the stripping of the fodder. The leaf tilizer and culture. I would like to crop. He spent little of his time at sponding to an injection of oplate. takes in and stores the moisture, giv- a much smaller yield in our other of the plant makes and stores in the urge upon you the supreme import- home, and, neighbors say, seldom Late this afternoon it was noted that grain its starch, oil and protein. This ance of good seed, which are bred went there except when drunk. he could move his right foot, slightprevents the leeching of the available I am disposed to believe, from the process is continuous in the corn plant to pedigree and increased only after Sheriff Howard of Aiken county ly, but he has not been able to fertility of the soil and prevents data I have thus far accumulated, as long as the blades have any life. being tested against numerous other went out to the Vincent's home a few speak. He seems to be semi-conscious washing from heavy rains. Without that Abruzzi rye is the most import- Consequently when the leaves are strains, but if I should go fully into days ago and found in the barn an but he has no way of communicating it a soil is poor-with it rich. Our ant agricultural plant introduced in stripped from the plant, before they all these subjects I would keep you illicit still, filled with mash, indicating any wish he may have to members are completely dead, or when the here several hours. I could talk that the dead man had been practic- of his family. The doctors say that to a large and gradually increasing One of the strongest indictments plant is cut down before maturity, the alone on the technique of seed bread- ing his trade in Aiken county. He was a blood vessel in Mr. Ashley's head use of fertilizers in order to in some which can be drawn against the ag- corn is not allowed to fully mature ing and its importance to our agricul- wanted in Walhalla for the same of- burst and in their opinion it depends measure offset the loss of humus riculture of our State lies in the fact and thus the crop is shortened and ture, for hours, but that subject has fense. already been admirably handled by

from absolute ruin by this expedient, meat each year and I do not think ments to show the loss to the crop But above all I would like to give they have not stopped their humus that we can claim a high degree of from fodder pulling. I have always you an insight into the attractiveness other form of howel complaint and is destroying method of farming, and efficiency for our farming until these made these tests rather later than the and usefulness of plant breeding and it is only by steadily increasing the imports have ceased. On the farms average date of fodder pulling in our all other work requiring a close study two doses of Chamberlain's Colic, of Anderson county, having become annual fertilizer ration that the cot- which I managed I find it pays to section, but notwithstanding, the re- of nature. No work possesses greater Cholera and Diarrhoea Remedy, as personally interested in politics more ton farmer is able to maintain the raise a surplus of hay, grains, oats, duction in yield has been most strik- possibilities of usefulness or pleasrye and hogs. It also pays us to feed ing. In 1912 I made two tests which ure than plant breeding. None keeps There is good rason for believing cattle and apply the manure to the showed an average reduction of seven you in closer touch with the great the case of a severe attack when ife vices having been continuous with that the continuous growing of certain land. Besides more than paying and one-half bushels per acre. In directing Intelligence of the Uni- is threatened. Try it when in need the exception of one term when he

until the blades were about two-thirds terested in the seed breeding and promptly disappears when the soil is I think you will find it an invari- dry and even then the loss was about experimental work we are doing at transferred to another crop. It is also able rule throughout the South that four bushels per acre. In every case Hartsville, I shall be lgad to have a well known fact that the diseases where large numbers of animals are we have figured that the loss in corn you come over at any time and will and insect enemies of any crop become fed on any farm, that farm is rich was fully as much as the value of the afford you every facility for looking about July 15th, and used the doctor's medicine and other remedies with no

How the Trouble Starts.

sale by all dealers.-Advt.

Constipation is the cause of many pounds. I suffered for about two ailments and disorders that make life months when I was advised to use miserable. Take Chamberlain's Tab- Chamberlain's Colic, Cholera and lets, keep your bowels regular and Diarrhoea Remedy. I used two bot-

Hill, N. C. for sale by all dealers .-The Governor of Georgia appeals to Advt. the press to aid him in carrying out needed reforms. The Governor in Idle people have glib tongues .-- Wil-South Carolina tells the press to go to, mington Star. or words to that effect .-- Wilmington

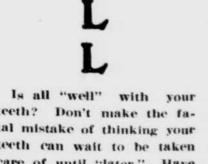
Costly Treatment. "I was troubled with constipation and indigestion and spent hundreds of Minister Praises this Laxative. Rev. H. Stubenvoll of Allison, 1a., dollars for medicine and treatment." in praising Dr. King's New Life Pills writes C. H. Hines, of Whitlow, Ark. "I went to a St. Louis hospital, also for constipation, writes-"Dr. King's bowels. Every pill guaranteed. Try them for some time and am now all U-u-u-UAUAUAUAU

gentlemen, I think it behooves you to as the other varieties during the win-row of corn after it was a foot or with sorghum, which we have found when he came home drunk, and did and all through the day his condiimprove every opportunity of gaining ter. We are repeating this test again more high, and that row made con- to be a most valuable hay crop and whip the boy's mother, was this tion has been grave. Tonight the atall the knowledge you can of our this year, and at the first cutting siderable more than an adjoining row which (the general impression to the morning released on \$500 bond-the tending physicians hold out a little great basic industry, agriculture. made, about three weeks ago, the Ital- which was planted a few days before contrary notwithstanding) seems to lowest bond ever granted anyone more hope for his recovery than they exert a beneficial effect on subsequent charged with murder in Aiken coun- did at noon.

he was lying on the ground in an un-

under absolutely normal conditions, It develops that little Lee Vincent and doctors were quickly summoned. on whether the blood clotted will be absorbed in due time or whether the blood is still spreading through the When a man has suffered for sev- brain. If the latter condition exists

J. W. Ashley is the political "boss" is often the case, it is but natural that than 22 years ago. He has served 19 years in the legislature, all of his sercrops on the same land gradually pro- their own way, these plants and ani- 1911 four tests showed an average re- verse. The plant breeder is in fact of such a remedy. It never fails. Sold dropped out, having run and been defeated for State senator. He is in his 65th year.



teeth? Don't make the fatal mistake of thinking your teeth can wait to be taken care of until "later." Have them attended to Now, while

there is time to save them.

THE SUMTER DENTAL

PARLORS,

Dr. C. H. Courtney, Prop.

Over SHAW & McCOLLUM

by all dealers.-Advt. There were 4,014 pupils in the Spartanburg city schools last year. Remarkable Cure of Dysentery, "I was attacked with dysentery