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The North Carolinian and THE 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 removes all hard, soft or calloused lumps and blemishes from horses, blood spavins, curbs, splints, sweeney, ringbone, stiffes, sprains all swollen throats, coughs, etc. Save \$50 by the use of one bottle. Warranted the most wonderful blemish cure known, Sold by Graham Drug Co.

A substitute in medicine is never for the benefit of the buyer. Never be persuaded to buy anything but Foley's Honey and Tar for coughs and colds, for children or for grown persons. It is prompt and effective. It comes in a yellow package, with beelive on carton, It contains no opiates. Take no substitute for Foley's Honey and Tar Compound. For sale by all dealers.

A damage suit for the sum of \$20,000 has been instituted againstthe Harris Granite Company of
Salisbury on account of the killing
of John Smith a former employe,
who met death by the explosion
of dynamite at the company's
quarries a month ago.

Are they feverish, restless, nervous, irritable, dizy or costive, pick their nose or grind their teeth? Have they cramping pains and an irregular and ravenous appetite? These are all signs of of Worms. Worms not only cause your child suffering, but stunt its mind and growth. Give "Kickapoo Worm Killes" at once. It kills and removes the worms, improves your child's appetite, regulates stomach, liver and bowels. The symptoms disappear and your child is made happy and healthy as nature intended. All druggists or by mail 50c. Kickapoo Indian Mediceine Co., Philadelphia, Pa., and St. Louis, Mo. For sale by Graham Drug Co. hers: Have Your Children Worms

OLEYSKIDNEY PHIS need of a remedy, sold by all dealers.

HEART OF MUCHACHA

By CHARLES W. CUNO

For the past two trips the stage that carried the bullion sacks from the Golden Nugget mine to Sonora had been robbed by a lone highwayman. Haskell, superintendent of the mine, stood at the window of his dingy little assay office and revolved the matter in his mind.

matter in his mind.

Another consignment was ready for its trip down the mountain side and its immediate shipment was imperative. The guard that had been sent with the builton had each time proved himself a coward. Haskell knew not whom to

send.

Into the range of his vision came the graceful figure of Dolores, daughter of Senora Valdes, the half-Mexican boarding house keeper. She was the one beautiful thing in all that barren

And it was to meet "The Boy" that Dolores was tripping down the steep trail to the mine tunnel.

The moment Haskell saw her, an idea popped into his head.
He opened the door. "Muchacha!" he called. "Muchacha!"

The girl came obedient to his call,
"Will you tell El Senor Boy that I
wish to see him," he said in Mexican

wish to see him," he said in Mexican patios.
"Is it that the senor wished him to go with the builion tomorrow?"
Haskefl smiled. "Hush! Not a word to anyone," he said. "But how did you guess it, Muchacha?"
"Listen, noble senor," she said, stubbornly, "he must not go, for if he is killed, I will be as one dead. My heart will be broken. Listen, senor, have you forgotten the day that 'I warned you of ugly Pedro and his wicked knife?"

warned you of ugly Pedro and his wicked knife?"
Haskell's face softened. "No, Muchacha mia, that I have not," he said, earnestly. "You saved my life that day. I said then if ever you should ask of me a favor that I could grant I would grant it. I will keep my promise, but if you ask this of me whom can I get to take the ballion to Bonora!" "I, Gran' Senor, it is I that will do

"You!" he exclaimed, incredulously,
"Think you I cannot shoot?" she
cried, fearful, now that she had made
the resolve, that her request would
not be granted. "Look!" She seized
the pistol that hung in the holster by
his side and leveled at a bald eagle
that hovered almost overhead. At the
first shot the bird paused in its flight,
quivered and an instant after came
tumbling earthward.
"Is the senor convinced?" she cried.
"I am brave and besides, would the
bandit hurt a woman? she queried.
"If you insist, Muchacha, I cannot
refuse you. It shall be as you say, but
—but, my heart misgives me. I—I—
if I could leave this cursed place I
would go myself."
"I will not be hurt, and I have your
promise, have I not?" she cried garly.
Tomorrow it is at nine, then? And,"
laughingly shaking her finger at him,
"tell it to no one. Good night, senor.
Buenas Noches."

The next day the stage rumbled
away with but one occupant, Muchacha and her bullion sacks. To her

with a lurch and as it did so a masked man sprang from the shelter of a rock and sdvanced toward the stage, a pistol leveled in either hand.

An instant afterward the door of the stage opened and Muchacha stood in the doorway. As she did so a spurt of flame came from the pistol is her hand and the bandit fell dead. Laughing lightly, she ran to the prestrate form and snatched away the mask. Her hand sought her heart. She reeled. She almost cried out. It was "The Boy."

A moment only did the shock wasken her. She turned and walked steadily to the stage.

"Vamos! drive on!" she cried. "We must be in Sonors by three o'clock."

The monastery at Sonors holds a dister whose face is strangely like that of "Muchacha."

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Copyright, by Daily Story Pub. Co.)

True Defense.

Lawyer—The prisoner pleads that he has the grip, your honor.

Plaintif—That's right — he's got nine.

Good Reason for His Enthusiasm.

When a man has suffered for several days with colic diarrhoea, or other form of bowel complaint, and is then cured sound and well by two doses of Chamberlain's colic, Cholera and Diarrhoea Remedy, as is often the case, it is but natural that he should be enthusiastic inn the praise of the remedy, and, especially is this the case of a severe attack when the life is threatened. Try it when in need of a remedy, if never fails, Sold by all dealers.

COLORED ROUEN DUCKS

Good Qualities Make This Breed Most Desirable.

Fine, Market Bird, but Does Not Ma ture as Early as Does the Pekin or Aylesbury—la Hardy and Prolific.

(By G. E. HOWARD.)

The Colored Rouen duck is deservedly popular throughout this country, and is considered one of the most profitable varieties to keep. These ducks are said to have come originally from the city of Rouen, in Normandy. It is known that large quantities of poultry are raised in Normandy, and while there may be no positive proof that these ducks came originally from that city, large numbers of birds closely resembling them are to be found in the market places there. Some writers claim that the name should be "Roan" owing to their color, but really the color itself does not support this contention.

The Rouen duck is a fine market bird, but does not mature as early as does the Pekin or the Aylesbury. The flesh is considered very delicate and the breed is acknowledged to be excellent for table purposes, being easily fattened. The Rouen will be found a profitable bird to raise on the farm being hardy, prolific, quiet of disposition, and of very beautiful plumage. Their eggs are not as large as those of



Trio of Colored Rouen Ducks.

Trio of Colored Rouen Ducks.

the Pekin, and are diverse in color.

The Rouen is undoubtedly closely related to the Mallard duck; its plumage alone would make good this belief. But the shape of the domesticated Rouen duck has been greatly modified from that of the wild Mallard, the body is grown longer and heavier, with a tendency to drop down in the rear, the wings have lost the power of flight which the wild ancestor possessed. The plumage, however, remains almost the same.

Both the drake and duck clothed in plumage attractive and pleasing to the eye, are as much fancier's fowls as any of the varieties of chickens, yet they are of much value as market birds. The only objection to them, aside from their slow maturing qualities, is that of dark pinfeathers. This should not stand against them any wore than it does against the many valuable varieties of chickens that have dark plumage and dark pinfeathers. To the farmer who intends raising ducks for market purposes they are to be recommended.

NEW POULTRY FARM STARTED

So important has the poultry in-dustry become that Uncle Sam has started a second experimental poultry farm on his own account. He wants to find out what are the best breeds and what is the best treatment and management to make them most profitable. He will not trust to the

blemish cure known, Sold by Graham Drug Co.

The last Legislature passed a law taxing all dogs in Chatham county one dollar apiece, making it a misdemeanor to not list them for taxation. The list taker in 13 townships reported 2,868 dogs, the whites having 1,877 and the negroes 991. The tax is divided between the road fund and the school fund.

A substitute in medicine is never for the benefit of the buyer. Never be persuaded to buy anything but Foley's Honey and Tar for coughs and colds, for children or for grown persons. It is prompt and effective. It comes in a yellow package, with been in a yellow package, with been hive on carton. It contains no opiates. Take no substitute for mand snatched away the mask.

The next day the stage rumbled away with but one occupant, Muchae hava profitable. He will not trust to the side the superintendent had strapped his pistol. Down through the canyon the stage of the superintendent had strapped his pistol. Down through the canyon the stage of the superintendent had strapped his pistol. Down through the canyon the stage of the superintendent had strapped his pistol. Down through the canyon the stage of the superintendent had strapped his pistol. Down through the canyon the stage of the superintendent had strapped his pistol. Down through the canyon the stage of the supervision, so that no mistakes will be made.

His new youltry farm its located at twas bend that the stage of the stage of

Culling Out Old Hone.

It is well to keep in mind that from the standpoint of egg production pulsets are more profitable than older bens. It is false economy to retain sons more than two years old unless for breeding or exhibition purposes. Get rid of the old stock in the late summer or early fall, retaining only the very best hens for breeding purposes. Plenty of room should be provided for the young philes to develop and this can be accomplished best by getting rid of the old stock which hows signs of deterioration.

Space for Hens.
Allow every hen from four to six feet of floor space; better six. Ten inches each of rogsting space is not too much. The roosts should be place at least eighteen inches appet.

Remarable Cure of Dysentery.

"I was attacked with dysentery about July 15th and used the doctor's medicine annot other remedies with no relief, only getting worse all the time. I was unable to do annything and my weight dropped from 145 to 125 pounds. I suffered for about two months when I was advised to try Chamberlain's Colle, Cholera and Diarrhoea Remedy, I used two bottles of it and it gave me permanent relief," writes S, W. Hill of Snnow Hill, N. C., For sale by all dealers.

Costly Treatment.

Costly Treatment.

Costly Treatment.

Distressing Kidney and Bladner Disease relieved in six hours by the "NEW GREAT SOUTH AMERICAN KIDNEY CURE." It is a great surprise on account of its exceeding promptness in relieving pain in bladder, kidneys and back, in male or female. Relieves resention of water almost immediately. If you want quick relief and now an all right." For sale by all dealers.

The Brilliant Stars of June Wm. Morris, a resident of Florence, Oregon, says: "For the last 14 years my kidneys and blader incapacitated me for all work. About eight months ago to try pills, and they have done what because of the medicines failed to do, and now I am feeling fine. I recommend Foley's Kidney and Blad.

Wm. Morris, a resident of Florence, Oregon, says: "For the last 14 years my kidneys and blader incapacitated me for all work. About eight months ago to work at the mother of the work of th

OBJECTIONABLE FORMS OF ADULTERATION

GRAHAM, N. C., THURSDAY, AUGUST 14, 1913.



Mixture of weed seeds commonly found in low-grade aleike clover seed; a mail-fruited false flax; a, cinquea, aleike clover; b, white clover; foil; t, two kinds of pepper-grass; u, catnip; v, timothy; x, chickweed; b, buckhorn; i, rattall plantain; k, der; 1, mouse-ear chick-weed; 2, tamb's-quarters; i, shepherd's-purse; m, may-weed; n, scentless camomile; 4, rough amaranth; 5, heal-all; 6, white campion; p, night-flower-liaby's-thumb.

s, white camplen; p, night-flower

(By F. H. HILLMAN.)
As a rule, successful seed adulteration is made possible by the similarly existing between the inferior seed and that of the crop seed with which this is used. It often happens, therefore, that the adulterant used is the seed to combination of pant very closely related to the adulterate seed bases his fail and the considerable worthless shriveled red considerable worthless shriveled red considerable worthless shriveled red considerable worthless shriveled red considerable worthless and treat and alfalfa seed. One of the commonest and most obtained or the absence of any examination of the seed offered for sale was made by all buyers guided by a knowledge of the various adulteration would soon cease.

The combination of seeds of standard farm crops commanding uniformly different prices in the seed market constitutes adulteration when the minor ture is sold at the price of the more expensive seed. This is illustrately of good seed to be ascured would constitute adulteration is the use of dead seed of the kind offered

RAISE LAMBS IN THE SOUTH

RAISE LAMBS IN THE SOUTH

RAISE LAMBS IN THE SOUTH

If the stock More Generally introduced Vacant Area Could Bs

Greatly increased. (By F. H. HILLMAN.)

As a rule, successful seed adulteration is made possible by the similarity existing between the inferior seed and that of the crop seed with which it is used. It often happens, therefore, that the adulterant used is the seed of some plant very closely related to the adulterated crop seed. 'The dealer who adulterates seed bases his faith in the success of the deception upon the very carcless examination made or the absence of any examination of the seed by the average purchaser, including the majority of retail dealers. If, before purchasing, a careful examination of the seed offered for sale was made by all buyers guided by a knowledge of the various adulterants used, seed adulteration would soon cease.

some sections it is stated, not more than 50 per cent of the total acres is under cultivation. Money is tied up in the whole amount, however. If sheep and other kinds of live stock sheep and other kinds of live stock were more generally introduced the usable area could be greatly increased, as these animals would make use of the present waste places and hill sides and help develop the pasture side of our farming operations. The sheep need not occupy one foot of the present cultivatable area; he would but be the means of putting more capital to work. Then in addition to the fact that sheep is probably the best animal known to put the waste areas to use, the south is admirably suited to sheep production. In any line of live stock production pastures must be made the base and

pastures must be made the base and the south can have permanent pas-tures about ten months in the year. The remaining two months can be



Then too, the climate of the south is

Then too, the climate of the south is so mild that the lambs can be born in mid-winter and suffer none from the cold, which permits the farmer to get the lambs upon the early spring market at the time when high prices are realized. There is a good demand for the early lamb. An excellent market can always be found for good fat stuff.

The farmer who is interested in more than one farm product suffers very much less in time of unfavorable seasons than the man who grows but the one crop, cotton. Even though it be too wet for the cotton to do its best, it may be, and probably will be, a very favorable season for the pastures and the man who has a good fock of sheep out on the pastures raising some good fat lambs will not worry so much about the unfavorable season for cotton, as he feels that, although the cotton may be a partial fallure, the sheep will bring him excellent returns.

There is yet another advantage in the sheep business. Spring is the time when the average farmer has not a cent coming in. This is the very time when the heavy expenditures must be made for machinery, crillizers, mules, harness, etc., and to btain these things the farmer usually

Cosffy Treatment.
"I was troubled with constipa-tion and indigestion and spent hundreds of dollars for medicines

RAISE LAMBS IN THE SOUTH

If Live Stock More Generally introduced Vacant Area Could Be Greatly increased.

(By D. T. GRAY.)

When one rides through parts of the south and sees the thousands of splendid scres lying idle, growing up in brush and fine grasses, one wonders why there are not more sheep produced in the south than there are. In some sections it is stated, not more than 50 per cent of the total acres is under exitivation. Money is tied un.

BOLL WEEVIL WAS BLESSING

After Five Years' Fight Country 16
More Prosperous Than Before
Insect Appeared.

Pive years ago, when the boll wee-vil arrived in Lincoln Parish, La., most of the people were almost crazed for they thought that the weevil

meant ruin.

But now, after five years of fighting the weevil, writes C. H. Littleton in the Southern Ruralist, we find the country around here more prosperous than before the weevil came.

The farmers now are very careful about selecting seed for their crops; they seem to realise that the first essential is good seed, then rapid cultivation. Some gather squares and burn them until July.

The farmers pay more attention to poultry and stock raising than before; they have better hogs, cows, poultry and horses than before. They have tried peanuts, Irish potatoes and contaloupes in carload lots, and after paying expenses almost all have found that with the weevil cotton naw bet. that with the weevil cotton pays bet-ter than peanuts, potatoes or canta-

loupes.

Peas, corn, cotton, sugar cane, sweet potatoes, are still the general crops. We all try to raise plenty of feedstuffs of all kinds. We raise plenty

reedstuffs of all kinds. We raise plenty of reedstuffs of all kinds. We raise plenty of vegetables for home consumption. Numbers of farmers in this community raise their own mules, and have a coit to sell sometimes, which is a great help.

To summarize: We raise all we can for home consumption, live more reconomically, and then try to raise better and cheaper cotton than before the boil weevil came. Almost everywhere you see evidence of prosperity in this parish, and a bank of \$10,000 capital has just begun operation in our little town of only five business houses. Seventy-five per cent of said capital is owned and controlled by farmers in this immediate section.

Streak of Cruelty.

A man who will allow his hogs to A man who will allow his hogs to lie in damp places exposed to the cold night winds has a streak of cruelty in him. Aside from the heartlessness of the thing, it is bad business policy, because a pile of. hogs will deterio-rate—those on top from the cold and those underneath from being half suffocated.

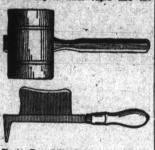
Comfort for Youngsters.

Take good care of the young things on the farm. Keep them comfortable and growing, and never permit them to stop growing. The secret of good development is to maintain a steady, thrifty growth with no back-set.

Wood of Previous Season Is Best for Purpose.

Should Be Taken Only From Very Best and Most Carafully Selected Par-ent Trees—How Operation is Performed.

(By C. A. REED.)
In its modifications cleft grafting has been longer employed than many other methods of propagation.
It is performed during the late winter months just as the buds begin to swell, or very early in the growing period. At that time the upwardflow of sap is most rapid and the





and there is less danger of crowding than when two scions are left. Propare the scion by sharpening its lower end with the grafting knife into the form of a wedge made thicker on the side which will be outermost



Whip Grafting. Later steps in the operation: a, Proper method of tying; b, Improper method of tying; o, one

when in position. Insert the wedge and of the scion in the cleft of the stock so that the inner bark of its thick side will be in close contact with

GRAFTING NUT TREES the inner bark of the stock. The scion should be pushed into the cleft until the cut surface of the stock is on a level with the base of the first bud.

Wood of Previous Season is Best. It will do no harm if it goes slightly descent. It will do no harm if it goes slightly deeper.

The operation of whip grafting is usually performed during the latter part of the dormant season, at any point in the trunk from immediately below the surface to several inches underground. For this method of propagation the stock and the scion should be very nearly the same size, preferably not more than three-fourths of an inch in diameter nor smaller than a lead pencil. With the knife held so as to make an upward incision, cut the stock entirely across at a long angle. At about one-third the distance from the upper end of the cut make an incision parallel with the grain. Cut the scion at as nearly the same angle as possible and make a similar incision in the cut surface one-third the distance from the upper end of the cut. Push the cut surface together in such a way that the season is sufficient to the cut surface together in such a way that the season is a surface together in such a way that the season is suited.

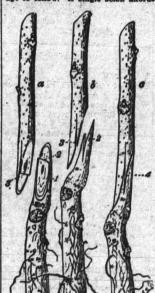
of the cut. Push the cut surfaces to-

of the cut. Push the cut surfaces together in such a way that the tongue of the scion made by the incision will be crowded into the groove made by the incision in the stock. Bind the two parts together and pack firmly with earth. When grafted by the whip-graft method the young trees will require littlesubsequent attention other than pruning and ordinary cultivation.

To make grafting wax mix together.

To make grafting wax mix togethe

thoroughly four parts (by weight) resin, two parts beeswax, and one part tallow. A harder wax for use in



More Animals Must Be Kept to Pro duce More Manure for Proper Bupply of Organic Matter.

(By R. G. DONEGHUE, North Dakota Agricultural College.) While all the causes of low yields of the small grains cannot be removed practically all that are of immediate measure by a well-planned system of crop rotation. When crops are grown in rotation and proper tillage methods are followed, they will suffer less from dry weather than when they are grown

e than the methods of tillage used in this respect, although both are important. In most rotations more roughage is produced than can be dis-posed of by the work stock on the form. Hence, more animals must be kept and more manure produced to return to the land to keep up the supply of organic matter. The organic matter in the soil may also be maintained by growing grasses and legumes (clover, alfalfa, peas) in the rotation.

be produced on a farm to keep up the organic matter, no system of cropping is complete unless it contains one of these crops. The legumes have the additional value of being able to increase the nitrogen content of the soil which they are grown.

Money From Hogs.

The Missouri experiment station has given out the results of an experi-ment lasting three years which shows large profits from feeding hogs on

ment lasting three years which shows large profits from feeding hogs on forage crops.

The average income per acre from clover forage was \$34.11, from rape and oats \$23.63, from corn and cowpeas \$29.08 and from blue-grass \$17.71.

The estimates are all made on the basis of 60 cents a bushel for the corn fed and six cents a bushel for the pork produced. The results are important as indicating what may be accomplished when the hogs them selves do all the harvesting.

Take Laxative Brome Quinine Tablets. All druggists refund the money if it fails to cure. E. W. Grove's cignature is on each box. 25c.

EGGS—Buff and White Orping-tons, S. C. White Leghorns and Golden Seabright Bantams—fine stock—\$2.50 per setting of 15.

B. N. TURNER, Graham, N. C.

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The Semi-Weekly Observer issued on Tuesday and Friday for \$1 per year gives the reader a full report of the week's news. The leading Semi-Cleft Grafting. Successive steps in the operation: a and b, views of the scion; c, cross section of the scion; thicker on one side; d, the scion in place and the stock securely tied to prevent the splitting; c, the union covered with grafting wax; f, outer wrapping securely held with string. Weekly of the State. Address all

Observer COMPANY.

CHARLOTTE, N. C.

warm weather is made of the follow-ing: Resin, four pounds; beeswax, one pound; raw linseed oil, one-half LIVES OF CHRISTIAN MINISTERS one pound; raw linseed oil, one-half to one plat,
To prepare either formula melt the ingredients together, pour into water, and pull. Rub the hands with oil or grease before using to prevent sticking. By using the second formula the proportion of oil will depend upon the season, a greater quantity being necessary in cooler weather.

For grafting cloth tear thin calico or cheap muslin into strips 12 to 18 inches wide, after which it is satusial 20c extra. Orders may be inches wide, after which it is saturated in melted wax, drained, and allowed to cool. When thoroughly saturated, remove from it, while still warm, the excess of hot wax. mail 20c extra. Orders may be

P. J. KERNODLE, 1012 E. Marshall St., Richmond, Va. ROTATION OF GREAT BENEFIT Orders may be left at this office.



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You Know What You Are Taking When you take Grove's Tas less Chill Tonic because the formula is plainly printed on ever bottle showing that it is Iron an Quinine in a tastless form. cure, No Pay. 50c.

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