Large and increasing circula ton in Atamance and adjoining

NO. BO. neatly and lowest price

unties-a point for advertisers. VOL. XXIV.

By resolving to buy Nelson's "custom fit" shoes for gents, Union "unexelled" shoes for ladies, "Messenger" shoes for boys and youths, Mundell's "Pansy" for children and

ry them. They; in fact, carry everything in shoes and

A few of their dry goods and notions are still left and eing sold AT COST

MODERN STONE ROADS. Modifications of Macadam's

terial. The writer says further:

Macadam's system which have since

be mentioned that of Thomas Hughes, who laid a foundation of gravel and

[From L. A. W. Bulletin.]

longer and was less productive of mud

of clean gravel or road metal screenings.

road was rolled to a uniform surface

Boads thus made were found to posse greater solidity and to be less produ-tive of dust and mud then ordina

macadam. They were consequently more durable, but after a time the sur

thickness might be used, but should not be rolled, as they then bind better with

be rolled, as they then bind better with the surface layer, while rolling would close up the interstices and impede the drainage. Upon the bed thus formed a coating of 13/2 inch metalling is apread, increasing from a thickness of two inches at the ourb to three inches or four inches

a hot mixture composed of two pounds of pitch to 30 gallons of tar, and a

proportion of dry, sharp sand and fine screened gravel, which should set firm and rough on cooling."

By requiring wagon owners to use tires wide enough to limit the pressure per unit of area between tires and road surface to an amount which ordinary roadmaking materials can resist, wagons will pack, harden and improve road-instead of destroying them, and by mak-ing the forward axle aborter than the rear one, by an amount equal to twice

ing the forward axle shorter than the rear one, by an amount equal to twice the width of the tires, the surface rolled will be again doubled. Good wagon reads are as important perhaps as good railroads, if not, in fact, more so, and when the public has constructed them individuals should not be allowed to destroy them, especially when it is a demonstrable fact that there is no need whatever for deing so. Tests have shown that the wide tires lesson draft as well as protect roads, and they should everywhere be required by law.—American

Ontarie Wheat Tests.

The seven varieties of winter which have given the highest averields per acre among 70 variety for five years on the experimental at the Ontario Agricultural

"Among the earlier modific

Julius Hines & Son,

PROFESSIONAL CARDS.

-> JACOB A. LONG, 4-Attorney-at-Law,

GRAHAM,

actices in the State and Federal courts. hee over White, Moore & Co.'s store, Main IOHN GRAY BYROM. W. P. BYNUR, Ju. BYNUM & BYNUM,

Attorneys and Counselors at La GREENSBORO, N. C. Practice regularly in the courts

DR. J. R. STOCK Dentist, GRAHAM, N. C.



WINE OF CARDU WOMEN used to think "female diseases" could only be treated after "local examinations" by physicians. Dread of such treatment kept thousands of modest women silent about their suffering. The introduction of has now demon-

MEETBEER . meofardu

E OF CARBU

ROAD MAINTENANCE.

OW FRENCH HIGHWAYS ARE KEPT IN REPAIR.

nstant Care the Price of Perfec Road Surfaces - Small Holes and The Stitch In Time.

Highway maintenance in France is carried out according to the old maxim, "A stitch in time saves nine," and the application of the principle demands laborers upon roads whose special occupation is to do the mending. A certain stretch of road, called a canton, is

stretch of road, called a canton, is placed in charge of a man called a cantonnier, who has the responsibility of keeping it in order.

During the season of thaws or of rain the cantonmer is expected to go, with broom and pickax in hand, all along his beat to sweep the puddles that may have accumulated and open all the outlets which may have become obstructed. have accumulated and open all the outlets which may have become obstructed.

In the fall roads on which trees grow must be cleared of fallen leaves. It is the cantonnier's duty to sweep them into piles and hanl them into some hollow which wants filling.

Wear and tear is inevitable, and a road, to be kept in first class order, must be patched with new material. Patching is done in two ways. The first consists in applying the principle of

consists in applying the principle of stitch in time—that is, to fill up the holes and ruts of small dimensions with Stones large enough to pass through a ring 2% inches in diameter were at first allowed by Macadam, but later he new materials, which are brought to said that "any stone which exceeds an inch in any of its dimensions is mis-chievous." Macadam did not lay founthe place in small quantities. The other method is called the cylindered coating. It consists in having the road wear itself away to an even but feeble thick-ness, and then have the road recondations either as did Telford. A writer in Industries and Iron says the modern practice differs in this respect, as also in the use of some sort of binding mastructed on the foundation and the remaining coating. When the first method is employed,

the cantonnier has access to piles of cut stones, which everybody has seen lying on the sides of roads. In winter and been adopted with varying success may autumn-that is, during the damp seasons, when the roads are in a softened state, he patches up flaws and holes. With a pickax he widens and deepens the hole to make it more receptive for the new stones, and picks the bottom until it becomes rough, in order that the new material will blend thoroughly with the old. He saves the debris, of which, with water, he makes a sort of

After he has filled the hole with tones, having been careful to put the larger ones in the middle and the a er around the edge, he finishes his work by putting on the paste. Formerly this patch was left in that rough state, trusting to the weight of vehicles to flatten the stones, but it was found that the horses' hoofs and wheels displaced the stones, and now the cantonnier with a pestle pounds and pulverizes then until they are sure to remain in place.

lime on which he placed an ordinary macadamized road. As the substratum The system of wholly reconstructing the upper coating of a road is becoming more and more in favor. It is naturally was less liable to work to the surface than soft soil, the road retained its form understood that the quality of what remains of the road must be the best and Another modification was that of Mr. that the foundation must be as good as Baylis, who first laid a three inch bed new. Besides, it must also be observed that the road has worn evenly on the of two inch cubes, which were allowed to become nearly consolidated by the traffic. Upon this he laid another three frequented parts-that is, that the cabtonniers have not permitted it to be damaged with boles and ruts and that, inch bed of similar cubes, covering the whole with a thin gravel binding. This was followed in his suburban practice, In roads for towns Mr. Baylis laid a six like a house on which a new coating of paint is to be applied, all the cavities

inch bed of granite cubes at one opera-The old road, in fact, must be made rough, so that the particles of the new coating may adhere to the old, "Another modification was that of Joseph Mitchell of Inverness, who introduced a system of concrete macadam. and after the surface is made rough it usual macadam size spread over the road to the required thickness. A strong grout of portland cement and sharp sand was then well raked in, and the s softened with thorough sprinkling.

When the old road, with the necessary work, has become receptive, the small broken stones are thrown upon it. The even spreading of the stones must be done with great care, for the smooth-ness of the read after it is cylindered depends upon the careful placing of the

This kind of repairing is always done in sections, so as to impede the circula-tion as little as possible. The length varies from 200 to 500 meters and from face was found to wear irregularly, owing principally to its rigidity and the difficulty of securing uniformity in the difficulty of securing uniformity in the admixture of the materials.

"A good suggestion for the founda-tion of a macadam road is a hed of alag or hard foundry refuse from six to eight inches thick, which does not choke, but always affords a natural drainage. We believe this foundation has been tried with a fair amount of success in some of our iron making districts. In place of slag a layer of stones of the same thickness might be used, but should not 80 to 100 meters when it is cylindere with a steam machine, for as no turning is necessary the work is accomplished more rapidly.

The smoothness of n. road depend

much upon the thorough sprinkling of the stones before the cylinder passes over them. While the cylinder is at work at one end laborers hurriedly rearrange displaced stones, sprinkle anew and throw sand and other adhering maerials in order that the road may be

terials in order that the road may be made perfect for use after subsequent passages of the cylinder.

Engineers have come to the conclusion that an entire new coating over a well kept old road is preferable to partial mending, for the following reasons:

The public is more satisfied with reconstruction than partial mending because the circulation is more from There.

adhering and resisting. The general sur-face is smoother. "Water runs down more readily. There is less trouble with the sweeping. There is less mud and

struction can be made plausible when it is proved that there is a difference in waste and debris; that there is a de-crease in manual labor; that the adher-ence is greater and consequently the du-

CLEANING CHICKENS.

How They Should Be Washed to Pit Them For Bating.
A correspondent of The National tockman calls attention to the necessity for thoroughly washing chickens to make them fit to eat. She (the corre spondent is, of course, a woman) says "We all know that chickens dust their feathers wherever and whenever they have the opportunity, in the road, in the ash beap, in the barnyard, and, more than that, we indulge them in it, because it keeps off the vermin. Would we expect to get our own bodies clean of ordinary accumulations with a shower of hard water? How, then, can we

expect to prepare the skin of the fowl fit for consumption under these circum-

"I never saw any one clean a chicker as you do,' said my mother when last abe visited me. Then I heard her say to my husband a few hours later that she could reliab my chicken because she was certain it was clean. This is the meth-od: The chicken is scalded in a clean dispan with clean well water. (Have setually seen people scald them in the mop pail and swill pail.) Then it is relieved of all pinfeathers, etc., and lieved of all pinfeathers, etc., and singed after the usual fashion. The dishpan is rinsed out and the fowl washed therein with a tepid suds of clean rainwater and soap powder, the skin being scrubbed thoroughly with a 5 cent vegetable brush. The brush will cleanse without breaking the skin. One who thinks the skin of a fowl does not need much cleaning should contrast one before and after this bath or take a good look at the bath water. Next, the fowl is well rinsed with cold, clean well water, which finishes the cleansing before dissecting and plumps

and firms the meat as well. "After the dissecting the pieces are washed through two or three waters or until all traces of blood have disappeared. This is not as much trouble as the description might cause a reader to think, and anyway we would rather eat one prepared in this way, if it took an extra hour. So will you after you have once tried it. No scum ever rises while cooking, and the meat is white

Chicken Chatter Sunflower seed is splendid for fowls during molt. It adds luster to the

Do not crowd the fowls in their winter quarters. It is better to give too uch rather than too little room.

Pullets are commencing to lay. Good, comfortable bouses and substantial feeding will keep them at it all through Use board floors in all your houses

Dirt floors are dangerous and cause many complaints that could be easily The litter on the floors of the house and scratching shed should be knee deep, and all grain should be scattered in it.

Don't be afraid of the grain being wast-ed. The fowls will find each tiny kernel. Fresh green bone is considered by many a perfect food for hens. Some farmers buy fresh meat all through the summer and have more or less fresh bone that could be profitably ground for the poultry if they had a mill. The er who drives his wagon to your

If the flock is kept confined, the food must include meat or scraps. Wheat and barley are good grain, but a variety should be given, and a good way to do this is to mix several kinds and let them pick out what they want. Hens are early risers and want to be fed as soon as they come down from the roost. See that they are well supplied with clean water and a box of ashes or dry earth to dust elves in. To keep off lice soak the rocets with kerosene, and with a garden syringe throw hot lime wash all over the nside of the building .- Feather.

Lay Two Hundred Eggs.

Can we produce bens that will lay 200 eggs per annum? Without a doubt. How? By scientific breeding, as for a good butter cow or a cow milker, as for a good trotting or high jumping borse. Experiments have been made to increase the number of rows of corn on the cob with success. The same method is applicable to poultry breeding. We will start with a ben that lays 120 eggs. Some of her chicks will lay 150 per year. From these we will pick out lay-ers, and so on until 200 or better are the result. At the same time it is just as essential to breed out males from prolific ayers as it is the females. In fact, it is more so. If we look after the breeding of the females only, we will introduce on the male side blood which is lacking ficiency and thus check every attempt in progress. It is just as essential that the male should be from a ben which laid 175 eggs and from a male that was bred from a hen that laid 150 eggs as it is that the ben was from one that laid 175 eggs and whose mother laid 150 eggs.—Poultry Herald.

Fitting Goese For Market. When young goalings are to be dressed for market, they are killed by cutting them in the roof of the mouth, severing the artery or by stunning them by hitting them a sharp, quick blow on the head. The picker uses a box in front of him about the height of the knees, boilding the hird with the left hand and classing the feet and wings together. He places the bend of the bird against the box and holds it in place with the knes. Pick the feathers from the body of the bird, then dampen the right hand and brush the body to remove the down. Leave about two inches of feathon the wings at the first joint. Lay the wings against the body of the bird and the a string around to hold in position. Pisce the birds, when picked, in cold water for an hour or so to plump them. If they are in too long, they are liable to blench and become water scaked.— Yenther.

Why Bonds Are Bad. are not properly graded and

BAKING

Makes the food more delicious and wholesome

A MOTHER'S ANGUISH FERM

HER SON DIDN'T KNOW HER, AND HE WAS STARVING.

and the Skeleton in One Pamily Closet That It Brought Into the Pull Light of Day.

She was a stately, comely old lady, but there was an unmistakable trace of sadness and melancholy upon her handsome features. She was well dressed, and within the ample folds of her black silk gown there were surely numbers of places where she might have found accommodation for a pocket, but in ac-cordance with the custom of her sex she carried her well filled pocketbook in her hand, offering temptation to every thief or starving wretch that chanc to come along the dimly lighted streets. She was old enough to have known bet-

As she turned down a side street, more gloomy than the avenue, a lank and ill clad youth suddenly darted out of a hallway, flashed at the old woman, and, without a word or look, anatche the purse which she so lightly held and ran at the top of his speed up the street. "Stop thief! Stop thief!" shouted the old lady, gesticulating wildly as she gathered up her skirts and attempted to follow in pursuit.

The cry was taken up by a crowd of newsboys and a few passersby, but, although the thief was never lost sight of, he was fleet of foot, and would probably have made good his escape had he not run right into the arms of a burly policeman at the corner of the next av-

The policeman shook the young fel low as a terrier might shake a rat and held him until the old lady came puffing up. She arrived at length, with her umbrella upraised with the evident intention of striking the man who had dared to take the pocketbook she had held so temptingly in her hand.

Suddenly and in that ridiculous attitude she paused and turned deathly pale. The crowd stared open mouthed. The policeman jerked the man by the collar, but that was not the sole reason that the fellow fell upon his knees. He turned as pale as the old lady as he shook himself free, and still kneeling. with hands uplifted, he gasped:

"Mother! I did not know you, andand-I was starving!" "John!" ejaculated the woman in ac cents of agony. "My boy! My poor son! This is the worst of all! Ob, this is hor-

The wretched man reached for her hands, but she drew them away and buried her face with them. While the crowd looked on in silence, the thief slowly reached down to his loose and door will also supply you plenty of tattered boot and, drawing out the bones at small cost.

pocketbook he had stolen, held it to-

"Come on!" said the policeman gruffly, gripping the man by the arm and at the same time seizing the purse.

Then to the woman be added:
"You must come to the police station along of us, ma'am, and enter a com Instantly the old lady drew herself

up indignantly and with haughty man-"What do you mean? You have made a great mistake, officer. This is net the man who took my pocketbook.

Kindly let him go.' "But—but 'e 'ad it! It's 'ere!"
bawled the bewildered representative of the law, pushing the purse toward the dignified old lady, "Nothing of the kind," said she. "I

never saw it before in all my life. Why don't you let the poor man go?"

"Because I 'as my duty to perform, was the surly reply. "E's your son, I guess, and you're a-acreening of 'im."
"My son!" said the old lady, sadly and almost tenderly. The young man made a step forward.

"My son!" she echoed, with assumption of soorn as she recoiled a foot or two. "My son! Absord!" Theu, adjusting a pair of gold rimmed glames on her nose, she stared the cul-prit calmly in the face and quietly said: "I knew this man once as a bright, brave, manly boy. I knew him as a ten-der, loving little child. I knew him as

an innocent, cooing baby."

A sob was heard, but it was not she "I do not know him now," she con-

tinued. "Give him the purse and let him go." When the stately old lady had miled majestically away, the big policeman gave his prisoner one powerful, hearty shake, then flung him from him.

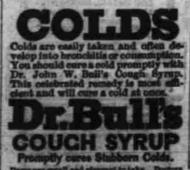
shake, then flung him from him.

The newsboys bunted around for mud fitted for politing purposes.

But the young man did not ron and thus afford good sport. He stood like one dazed for a few moments. Then he hurriedly opened the pocketbook and scattered the contents into the street.

Those newsboys had a gala time, and when the scramble was over the thief, the starving scamp, the prodigal son, was nowhere to be seen.—New York Telegram.

Meep Out of Ruts. Any one who can devise a method to ake drivers, especially with heavy ame, keep out of the rate which are tor to all who use the highways.

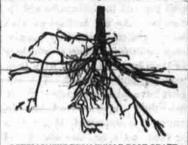




ROOT GRAFTING.

Professor E. E. Faville has given in and it will answer the need of many unfamiliar with this process, as to the value of which much diversity of opin-

ion exists. He says: Root grafting is usually practiced in-doors after the winter has set in. A good time to begin the operation is near the beginning of the new year. In root grafting the apricot or peach the stocks used are young trees grown one year from seed and are called "seedling stock." These are dug up in the autumn and stored in a cool cellar, in sandy loam, until ready for grafting. The scion



DEVELOPMENT FROM WHOLE ROOT GRAFT. growth and should contain two or more bealthy leaf buds. Scions are generally out in late autumn or during mild weather in early winter and are commonly stored in moist sawdust, moss or leaves in a cool cellar until needed for use. The scions should not be kept so moist as to cause a swelling of the buds nor so dry as to cause shriveling.

employed and is made as follows: The scion used is about six inches in length. The whole root is used for the stock, with the above fruits, cutting off about an inch from the end of the root. The scion and stock abould be about the same thickness. Both are cut off with a alanting cut, about an inch long. A slanting cut, about an inch long. A tongue is then formed ou each by cuting the wood longitudinally for a shor distance on the bevel already made, thus forming a tongue. In joining the ongue of the scion is well inserted into the split of the stock, pushing it well down with considerable force, fitting it so that the cambium of the scion wil coincide with the cambium of the

The parts are held together best by means of waxed cloths or bands, made by spreading melted wax over thin muslin, which is cut into narrow strips when dry. The wax for making waxed cloth is made of a mixture of four parts cloth is made of a mixture of four parts of rosin, two of tallow and one of bees wax. All of the parts about the union should be well covered with the waxed cloth or bands. The grafts are then packed in sand or sandy loam in a coo oellar until spring. The scions should be covered by the earth packing in such a way as to cover only the waxed cloth.

bud. In root grafting the operator should bear in mind that the roots should never become dry. advice to use only sharp knives, a good shoemaker's knife with a thin blade being best. The cut here given does not occur in Professor Faville's article, but is reproduced from a report of the Kansas station, as giving an idea of the root development of an apple tree from a whole root graft which was buried about five inches below the surface of the soil. The whitened portion of the root is the original stock. The other

Potato Crates. Potato crates are something every

While in the cornfleids they can be destroyed on the plants by applications of kerosene emulsion. Without vigilance and prompt action, however, only indifferent results are to be expected from any of these measures.

In regard to hibernation Professor Webster says: The chinch bug hibernates in the adult stage, and though there may be occasional exceptions, especially in the south, it has yet to be observed in very early spring in any oth-Threepenny fine nails are the right size. The side slats are 16½ inches. The bottom slats should be nailed to the under-side of the second side slat. The end slats are nailed on last, with their ends Bush with the outside of the side slats.

When empty, place one endwise inside of two others. They are handy in storing potatoes in the cellar, as they can be corded from floor to ceiling, and

The Vield of Sugar Came.

The information in the possession of the United States department of agriculture relative to the acreage in sugar cane is not sufficiently complete to warrant the establishment of an average yield per acre for the entire region, but the crop is Louisians is reported as being 9 per cont larger than that of last year and that of Florida as 2 per cent larger. Almost every other state within which there is any production of the true sugar cane likewise reports an increase over the crop of last year, according to the November crop circular.



the Kansas Farmer a very clear exposi-tion of the operation of root grafting,

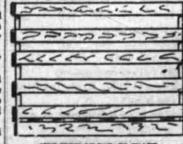


In root grafting the plum, cherry, peach, apricot and fruits of that class the whip graft or side graft is used. The whip graft is the method usually employed and is made as follows: The

In planting out in the spring place the grafts in the ground up to the top

roots formed from the scion.

farmer needs and which he can make for himself on rainy days or in the winter after the following plan given by Farm, Field and Fireside: Common laths are suitable for the lats. The corners should be hard wood.



so occupy only a small floor space.

DeWitt's Little Early Ric

## I wish to call the attention of insurers in Alamance of to the fact that the Burlington Insurance Agency, established in

1893 by the late firm of Tate & Albright, is still in the ring.

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Our own manufacturers have a large capacity and are increasing the

Greensboro Tobacco Association.

This is the highest average made by any market in pledmont

Our Warehouses are large, commodious and up-to date, whose eters stand without a peer as slesmen of the weed.

trade daily and must have tobacco.

We have the strongest corps of buyers in the world for the way

apacity.

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Try us with your next load and be convinced of our merit.

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ducational centre.

There is no insurance agency in North Carolina with better facilities for placing large lines of insurance, that can give lower rates or better indemnity. Only first-class companies, in every branch of the business, find a lodgement in my office. With a practical experience of more than ten years, I feel warranted in soliciting a share of the local patronage. I guarantee full satisfaction in every instance. Correspondence solicited upon all matters pertaining to insurance.

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**&&&&&&&&&&&&&&&&&&&** 

THE CHINCH BUG.

observed in very early spring in any of or than the adult stage, at least in a locality north of Mozico. I have o served pupe in central Illinois apprently in hibernation in company wi adults on Nov. 11, but there is

abroad in considerable numbers dur March, 1687, yet there was no indi tion of any young having wintered o

Paul Perry, of Columbus, Ga affered agony for thirty years, an then cured his Piles by using De-

injuries and skin diseases. Ithe magic. J. C. Simmons, the drug-

Witt's Witch Hazel Salve. It heals Cole and F

The chinch bug is one of the most de-

The chinch bug is one of the most de-structive insects with which the Ameri-can farmer has to contend. In conse-quence of constant requests for informa-tion about it the department of agricul-ture has had prepared a full and up to date account of the insect, its probable origin and diffusion, its labits and de-velopment, natural checks and remedial and preventive measures. The work has been admirably done by Professor F. M. Webster of Ohio, bulletin No. 18, on the chinch bug, being not only inter-esting from a scientific standpoint, but smineutly practical in its comprehen-Wheeler & Wilson Sewing Machine eminently practical in its comprehen sive and explicit advice in regard to pre Rotary Motion and Ball Boarings ventives and remedies, as is indicated by the following summary of the same: Easy Running, Quiet, Rapid In summing up the matter of remedial and preventive measures for the control of the chinch bug it may be stated that and Durable. and preventive measures for the control of the chinch bug it may be stated that the insects may be destroyed in their places of hibernation by the use of fire. They can, under favorable meteorological conditions, be destroyed in the fields if present in sufficient abundance during the breeding season by the use of the fungus Sporotrichium globuliferum if promptly and carefully applied. They can be destroyed while in the not of migrating from one field to another by tarred barriers or deep furrows supplemented by post holes and by being buried under the surface of the ground with the plow and barrow, or the latter method can be applied after the bugs have been massed upon plots of some kind of vegetation for which the bugs are known to have a special fondness, which decoys should be so arranged as to either attract the females and induce them to oviposis therein, or they should be arranged with the idea of intercepting an invasion from wheatfields into cornfields, and by turning these decoys under with a plow and immediately smoothing and packing the surface by harrow and roller, thus destroying them. While in the cornfields they can be destroyed on the plants by applications of kerosene emission. Without vigilance Purchasers says It runs as light as a feathe Great improvement over anyth so far." "It turns drudgery into "The magic Silent Sev All sizes and styles of sewing m chines for Cloth and Leather.

\$2.68 PANTS

J. M. HAYES, Agent.



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