From the Bulletin No. 8, Colorado State Agricultural Experiment Station soil in quantities manurial elements connected with them, requiring the claimed Sorgeant Ben Indl. as Carl Dun- the control of some tricky and dewe extract the following:

led alfala by the Spanish, and by the among farmers, but not at the hold-up, and are too exhausting to the French, lucerne, has been grown ex- experiment station, have it to be fifty soil. Success in clean cultivated crops, tensively and for many years in the per cent. better than red clover. The either of cotton or tobacco, is seldom Southwest under the name of Chilian, rocts being very large and long, not attained. or California clover.

that language, meaning fodder plant. plant. It was known by the Greeks and

time of the Conquest; thence into South America and from Chili into California in 1854, where it has been grown more successfully and in greater quantities than elsewhere. It found its way to Colorado early in the sixties, having been raised for the first time in the State in the Platte valley. near Denver.

It flourishes at all altitudes below 7,000 feet, and in all soils that will produce other good crops. Sandy and clay loams are best adapted to its habits. Soils underlaid with shale, or hard-pan, are not conducive to its successful growth, inasmuch as the roots of the plant must penetrate the subsoil until they find moisture. Where surface drainage is good, and the land not too wet or too alkaline, it readily secures a stand, and the first season makes a crop of one or two tons per acre-often without an irrigation in this arid climate.

It is the most tenacions of all forage plants, enduring more harsh treatment, more dry weather, heat and cold after making a stand, than any of the others. It is indeed, a "child of the sun," defying the hottest suns, the driest soils and the greatest variations of temperature—in fact it keeps fresh

some soils and under certain condition, it makes a growth of thirty to fortyfive inches a month, and in some local ities a cutting ever month in the summer season. The first cutting is readyabout the middle of June just before blooming-and is considered the best for working teams, inasmuch as it contains more fattening elements, and hence is a stronger food. The second crop is cut in July, and the third in September, and if the fourth is cut, it is ready in October. The second crop, and particularly the third, is better for milch cows and animals that do not work, inasmuch as it is more succulent, contains fewer charse t ams and is more easily masticated.

The feeding value, as seen in the tables given, is clearly demonstrated in practical stock-feeding. No other clovre grass or forage plant compares with it, or contains a greater per cent. of protein substances.

Horses grow fat on it alone; cattle make fat, flesh and milk, sheep thrive he must understand why he performs it, and even hogs, when pastured on it need no other food.

The preparation of the soil for sowing alfalfa is about the same as for clover, turnips or other small seed; if quite moist, good stands are secured on the raw sod merely by harrowing or drilling the seed. The conditions of the soil is everything in rapid and successful germination. Being a rapid grower, and very succulent, it requires a large amount of moisture to start it successfully and keep it growing until well rotted, as when once rooted it is

The amount of seed per acre accessary to secure a good stand of hay, is twenty to twenty-five pounds; for seed, twelve to sixteen pounds is sufficient. As the plant bears its seed so differently from red clover, thick seeding is detrimental to the propagation of a large yield, on account of its growing, not on the top like red clover, but upon the entire plant, from bottom to top. For hay, the seed on sandy soil should be sown alone; on cloddy, clayey soils wheat, oats or barley in small quantity can be sown with it for shade. Timothy and orchard grass, when sown, with alfalfa, serve to keep it from lodging, and when in sufficient quantities, they became a preventive of hoven in the feeding and pasturing of cattle and sheep. The seed should be sown with a drill, as it is much more evenly and uniformly distributed, and after drilling, a light harrowing crosswise So soon as all fear of frost is gone and the soil is moist and warm, sowabout April 2) to May 10. Even earlier sowing has proved very successful in some soils and seasons, especially where it is done in old wheat or oat stubble, without previous prepara-

CUTTING AND CURING.

the red clover. At that stage of its upon the good wife, which is very They are natural smagglers .-- Washgrowth the plant contains the great- trying upon her physical powers and ington Post. est amount of valuable feeding sub- causes the husband much anxious so-

When slightly wilted it should be relieved by living in the towns. Anraked into winrows, and then put into other is the condition of the roads and small cocks to be cared. If left to care highways, frequently so much neg- Bruises, Sores, Ulcers, Salt Rheum, Fever before raking, the stems become hard lected that they do not deserve the name Sores, Tette, Chapped Hands, Chilblams and dry, the leaves drop off, the color of roads—so washed, rough and unis lost, and much of the hay is reassightly. With these conditions, transinost important operation of all in and unsatisfactory, diminishing greatly

For Sale by Kluttz & Co.

In the experience of many farmers, and the greatest obstacle, is in clean alfalfa is the best renovator and the cultivated crops. There can be no genbest green crop for fertilizing soils of eral success in such crops. They are any thus far tried. It not only kills too expensive, too uncertain and The perennial plant known and cal- of any crop. Many experiments the close of each year, without any police station yesterlay.

Noted.

pursuits, and shall always lend a help-

ing hand to my fellow-agriculturists

result shows that there is a vast amount

growing evil among us, and that among

when in my power to do so.

only enrich, but make the soil porous | Our people are awaking somewhat Its botanical name, Medicago satica, and well suited, not only to its own upon these questions, as is evidenced from the Creek, Medike, is derived from growth, but the growth of any other by the great increase of the acreage in here. I learn some new tricks, und I clover and the grasses, which our June haf some chances to speculate." Just why affaifa has, when fed Crop Report shows to be one hundred | "Tell me about it," said the ser- is another Government on the face of Romans 2,000 years ago, and was used green or wet, a greater tendency to and forty-three per cent. during the geant, as he settled down in his chair. God's footstool where the poor man as a forage long before the Christian bloat cattle and sheep than other for- last year, which is very encouraging age, has not vet been fully or satis- and is along in the right line. Columella, Virgil and Cato speak of factorily explained. Whether it is due I have yet to see a farmer growing with an injured look. "If I what green you cannot get it on Broadway or it in their writings. When the Roman to the alkali of the soil absorbed by grain and the grasses and stock-raising

Empire flourished it furnished food the plant, or to its very succulent who was not succeeding and making for the war horse. Grecian cattle growth, or to its quality, remains yet money, and, as a general thing, happy cropped it upon the hillsides, and the to be demonstrated. It is a fact that and contented. My conclusions are Spanish cavalier fed his horse upon it. it is a dangerous pasture for cattle and these: To be permanently successful, as he maked slowly, "dot trick I The Romans brought it from Media sheep, unless the weather is very dry, our farmers must rely less upon clean should of what to wait until more ash 400 B. C., hence its generic name. or unless the stock are first fed with cultivated crops, grow more of the ten loafers what it my place, selswear- from every portion of the globe, is set-It was introduced into Mexico in the dry feed before being driven upon it. clover and grasses and small grain, and ing und spitting und hugging the ting his plant, putting down stakes raise stock sufficient to consume the stove, und deaput in a shtick of wood and clearing up for his future home Cur Shortcomings and Mismanagement bulk of what is produced on the farm, mit some powder in it und blow em and happiness. How long before this We should by all means endeavor to oop. You neafer saw such schumping howler, who has spent a lifetime at this My earliest recollections are con- have a better system of public roads, und running in your life. It whas belief, will come along and ask to nected with the farm. From boyhood and there can be no excuse for having enough to bill you talk laughing. A share the products of his toil and en-I have been a farmer, and my personal our private roads other than they stranger gifs me det trie's for two terprise?—Real Estate Journal. interests is greater in agriculture than should be. And, lastly, to add in home glasses of beer in anything else. I always expect to comforts, especially in our domestic have a lively interest in agricultural conveniences.

JOHN ROBINSON, Commissioner.

One of the commonest defects in the Colored Colonists for Vermont. tillers of the soil of our State is this: The commissioner of agriculture for There has been no class of people in Vermont reports that 200,000 acres of any single industry that has so little farming lands in that State which studied and applied so little intelligence were once profitably cultivated, are to the acquirement of an understand- now growing up into a wilderness, the ing of the fundamental principles upon people who once cultivated them havwhich it must be conducted. We farm ing emigrated or moved to the towns very much as our fathers did. They and cities, leaving desolation behind succeeded in their way, and made a them. This is a curious commentary living, and we are inclined very much on the familiar assertion of the advanto be content with the ways of our tages enjoyed by the farmers of New fathers. This is all wrong. The age England in consequence of the develin which we live is an age of progress. opment of protected manufactures in Unless we advance, there can be no that region, but the statement comes success. No man can farm successfully from too high authority to be disputed.

as he should who does not understand The interesting feature of the situathe principles underlying the science of tion, however, so far as the South is farming. You will pardon me if I concerned, is that the commissioner and green while all other plants dry up I think it one of the most important occupy the abandoned lands by offerthings which should be taught-that ing them for sale to actual settlers at "H'm! I get dot speculation for two Ind. there is not a single industry in the the rate of three to five dollars an acre. dollars in cash. Whas he wrong?" entire length and breath of our land This is an opportunity which the colwhose commonest principles are so lit gred emigration societies in North else? tle studied as those of farming. This Carolina should not fail to utilize. might be regarded as an offensive sen- There is room in Vermont evidently in der country for a million dollars?" wont on my leg, which troubled me so had timent. It is not so intended. I say for about 10,000 colored families, and it because I deem it most important when it is remembered that Senator lifty per cent, and make a heap of "purple color, with emptions so had that that men should understand it. Every- Edmunds will be on hand to extend thing connected with agricultive has welcome and equal rights and priviprogressed far in advance of the farmer leges to all comers, surely no additional himself. I can almost remember when inducement need be mentioned. the sickle gave place to the cradle, and The colored people say they are not

do well remember when the cradle gave wanted in North Carolina. Vermont "II'm, dot's so. On! I comember place to the reaper, to which has since is yearning for them. Let them go to now. I vian to gif my note for one Scap 25 cents. Sold by Jao, II Enniss. Vermont at once by all means. And year. Dot makes her all satisfactory, There is not a single branch of in- the white people of North Carolina dustry connected with farming that has ought to offer to pay the travelling exnot advanced with our enlightened age. penses of each colony in order to give ness, I gue at. While we farmers have seen this prog- a fair and early start; to a movement ress, and witnessed the results of the which promises so well for all concerningenuity that has enabled us to turn ed. - News and Courier. our labor to greater profit, we ourselves

Death to Flies and Mosquitoes.

have not progressed-have not advanced in the intelligent understanding of our important calling as we should. The mechanic must advance; door about my house, and yet there are grease. Dot pointer ent me two dolseldom any flies and never any mosqui- lar. his labor; he must understand how he toes about it. I learned the secret of produces results. How many of our successful warfare against these pests when living in the swamps of Louisi- and sell it back to the cit; for half a farmers understand the nature of the soil they cultivate, or the qualities they ana, where, summer or winter mosquifees swarm. For some years life was It was a wonder I down'think of dot extract from it by the growth of the various crops? Who understands the une identable, and no meal could be pefore!" qualities of the various fertilizers used, eaten in peace. But all at once there and who understand the kind of ferwas a change for the better, bars and steamboats this fall for \$20,000 apiece tilizers required to restore the soil in screens were often out of place, but and sell them next spring for double the parts in which it has been exthere was almost an immunity from the money.' insects. I was batching at the time, "Donder und blitzen, but you vas a I do not refer to book or theoretical and had just changed my colored boy. sharp man, sergeant! I doan' know farming, but to the plain common sense The new comer explained to me how you pefore. Shake my hand. How principles which should govern every to keep the "critters" away. He burnt much shall I pay you?" farmer. Every farmer should under- small pieces of gum camphor on the You can always have my advice free." stand his soil as the mechanic understands his machine, knowing what it is cook stove, and used a secret preparation he called "sudekillo." When I got lion dollars I gif you der best bank in capable of doing and why it does it. married and came to Missouri I im- Detroit for a present. Good-bye, ser-Throughout our agricultural districts parted the secret to my wife, and as geant, I see you quicker again ven I it is often mere haphazard, and the there is no patent on it that I know of I would advise all fellow sufferers to go of labor expended, which is simply a and do likewise. The gum camphor hindrance, because of a want of a com- alone is ample for the purpose, and mon understanding of that which he need only to be used two or three the Chinaman from the European. The owns and upon which he depends for times a day. - Interview in St. Louis Chinaman can write all day, work all his livelihood. There is still another Globe-Democrat. the better and more intelligent class.

How Chinaman "Sweat" Gold Coin.

It is the pregnant fact that there is a The Chinamen have become very growing disposition to leave the countroublesome offenders against the legal try and the farm and to congregate in | tender of the United States, but they | in life. There are no restless, naughty the towns and cities, leaving the farm are not expert conterfeiters. They are boys in China. They are all appallto run by proxy or otherwise, as the "sweaters," and the cheapness of Chi- ingly good, and will plot away in c tie mity be. This is wrong, and every nese labor, even in crime, is exemplified school without recesses or recreation interest demands that it should be corrected, for it must be acknowledged A Chinaman will put \$500 in good

that every other interest is largely de- in a gunny sack and twist and tumble to him so much waste labor. He can pendent upon the success of agriculture, and toss that sack full of money up sleep anywhere—amid rattling machinassists in an even stand, and hastens changes, which must first be known day long, and in the evening he will There is a reason and a cause for these and down and around and about all before the error may be corrected. I empty out the coin, burn the sack, and have given the subject much thought from the ashes carefully extract \$5 and consideration, but whether I have worth of gold dust which has been rubarrived at correct conclusions remains ded off the coin.

to be seen. My convictions are that The returns are small, but the risk there are several circumstances ex- is not great, since nobody but an existing which have had their influence pert could ever tell that anything had to bring about these unfortunate been done to the coins, and even the conditions, one of which is the great expert would have to weigh them to change which has taken place in the detect the difference.

home comforts of our Southern plan- The process is what is called "sweat- ball.-N. O Picayanc. Alfalfa should be cut just before to procure domestic help, and the work ly. The chief offense of Chinamen, ters. Often they find it very difficult ing," and the Chinese do it very cleverblooming, somewhat earlier than of the household devolves largely however, is against the custom laws.

Bucklen's Arnica Salve.

the comforts of rund life. Another, | 3:1y.

OLD MAN DUNDER.

Although Not a Political Success, He Is Still an American Cl. Izen. "Well! Well! But I thought you all noxious weeds, but puts into the have too much worry and vexation were in Gormany by this time!" ex- lazy and indolent man who is under found to be invaluable to the growth closest attention from the beginning to der entered the Woodbridge street "No, I down' go. Maypo dero whas

some flies on mo-mayre not." "But you were discouraged the last time you were here; you had tried polities and got loft. Perhaps you have struck something clse?

"Dot vhas it, und I shall shray right

"Come, go ahead. What now tricks

"You blow , Cale ders?"

"Dot vhas it. "But you ble w up the stove, too, an 1 to play the trick?" "Th? Does der stoof go, blow up,

"Of course." "H'm! I donn' think of dot pefore. Of course der stoaf vias blown oop mit

"What else?"

two shillings aplece." "Yes." "Und der price here what two dol-

"Exactle." "If I buys one million der profit vhas oafer a million und a haff dollars." "I see. You want agents here and in Germany, and there is the cost of

"Oh no; go right ahead. Any thing

"What if I buy one all der oranges

"What else?" "Vholl, I goes in der railreal paos-

dred mile; of rail out we get two million acres of lant. Dot land van worth twenty million dollar, and der | I haven't a mosquito bar nor screen | year. Here was der figures like some | home.

> "Splendid idea. Mr. Dander, why don't you buy the City Hall for \$100,000

vas a millionaire." - Detroit Free Press.

Chinese Have No Nerves.

The North China Herald says the quality of "nervelessness distinguishes day, stan I in one position all day, weave, beat gold, carve ivory, do infinitely tedious jobs for ever and ever. and discover no more signs of weariof any kind. The Chinaman can do ery, deafening uproar, squalling children and quarreling adults. He can sleep on the ground, on the floor, on a bed, on a chair, in any position. It would be easy to raise in China an army of a million men-nay, of ten millionstested by competitive examination as to their capacity to go to sleep across three wheelbarrows, head downward like a spider, their mouths wide open and a fly inside.

-A philosopher says: "Modesty is a maiden's necklace." O. my! O. my! Then it should be worn at a full-dress

ens the digestive organs, regulates the

ANTI-BILIOUS MEDICINE. In malarial districts their virtues are widely recognized, as they possess pec-nilar properties in freeing the system from that poison. Elegantly sugar coated. Bose small. Price, 25ct...

bouels, and are unequaled as an

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The Henry George theory that the Lord intended that the land should be free to all is as foolish as it is false and it only enjoys the sympathy of the ceitful mind, who ekes out a miserable existence by the promulgation of such plans and principles as are set forth by the unscrupulous theorists like George and McGlynn. There is at this present moment 219,000,600 acres of land in the United States held by the Government for the benefit of the poor men who have the enterprise and anibition to take and improve it; where "Maype you donn' like to hear from has this privilege? Lind in this some greenhorns" replied Mr. Dander country is as free as water and air, but ash grass and some cows feed on me, Fif h Avenue; some one has got there before you; you must go to the next nearest place. While the professional agitator is howling his hollow lies bout the land ownership, the energet-

Is Consumption Incurable.

Read the following: Mr. C. H. Morris, perhaps your see a Can you allord Newark, Ark., says:"Was with down Absto buy a new stove every time you want cess of Lungs, and friends and physicians pronounced me an Incurable Consumptive, Began taking Dr. King's New Discovery for Consumption am now on my third bottle, and able to oversee the work on my farm. It is the finest medi-

cine ever made. Jessie Middlewart, Decatur, Ohio. der loafees, and maybe der house whas says: "Had it not been for Dr. King's New Discovery for Consumption I would have died of Lung Troubles. Was given "Vhell, I figure on some canary up by doctors. Am now in best of birds. I can buy 'em in Sher.nany for health." Try it. Sample bottle free at T. F. Kluttz & Co. Drug Store.

Money is power, and the concentration of money is the concentration of power. The taking of the money from the hands of the people and the concentrating of it in the hands of a favored class by action of law is but transportation, the loss by death, and the transfer of power from the bands you must find a million buyers. Splen- of an oligarchy; it is a process of cendid scheine, Mr. Dunder! I suppose tralization, the final result of which is imperialism, National E-mornist

"Then you could alvan be priced I could not walk, leg bally swelled, of a "Extract of Flax (Papallar) Skin Cure, which I have done. My leg is now well Ly and I can walk two miles on it without any trouble." Signed, A. J. Hayward, Clarke's Flax Som makes the akin soft and prevents chapping. Skin Cure \$1.0b.

President Caract, of France, has taken such a Luncy to Americans that he is learning to play poker. American "In Mexico. If we build one hun-style. Buff lo Bill is laying for him

Be temperate in dist. Our first purincome of derivativat life millions a ents ate themselves out of house and

Having qualified as administrator with the will annexed of Ellen Goodman, de-"By Shorge! but dot was excellent! ceased, all persons having claims against the estate of the testatrix are hereby notified to present the same to the undersigned on or before the 15th day of Au-pulman species between Was; ington & Schstury bar of their recovery. August 9th, 1889.

J. L. GOODMAN, Adm'r with the will annexed.





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MORTH CAROLINA HIN THE SUPERIOR EOWAH COUNTY) E. Mauney, R. J. Holmes and E. A. Holmes, Plaintiffs,

Holmes W. Reid, Nancy J. Thayer and J. H. Thayer her husband, W. A. Reid, L. F. Reid, Minnie Harris, R. Jones Reid, Jesse Skeen, Priscilla S. Floyd, Jesse C. Smith, Elizabeth P. Pearce and her husband John Pearce, Nannie C. Sexton and her husband John T. Sexton, Mary M. Skeen, John C. Skeen, Charity L. Skeen, Mary Bean and her busband Moses L. Bean, Defendants,

Special Preceeding to sell land for Partition.

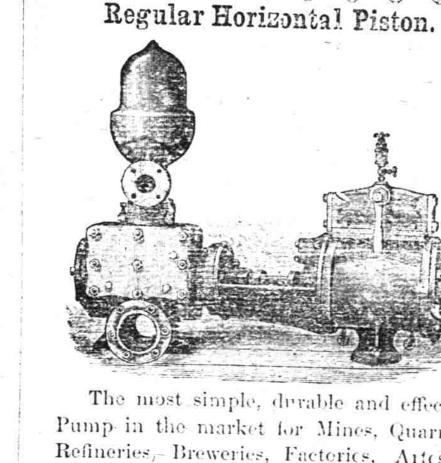
To Holmes W. Reid, nen-resident: You are hereby required to appear before me at my office in the town of Salislury, on Friday, the 10th day of Septemher, 1889, and answer or dentur to the complaint of the plaintiffs.

Dated August 6, 1889. JOHN M. HORAH, Cl'k Superior Court of Rowan Co.

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