In the states more valuable, but n je-AND GARDEN. REFERENCERE

Separate Coin and Clover Silos. F. H. King, of the Wisconsin strive to provide. Station, believes that it may be found best under some circumstances to make the corn and clover silage in best possible way. It must be free separate silos or separate compart- from mould, stain, odors or any other ments of the same silo. Such an ar- defects. If one has a fine timothy rangement would make it possible to field it will pay to devote considerable practice a definite alternation or time and labor to cutting and curing change of feed both for the sake of a it. In the end all the extra labor will change of diet and a more nearly bal- be paid for. anced ration.

But to do this a perfect system of grass that will not make prime timfeeding would have to be followed, othy hay, it is a question, sometimes, and it would be further necessary to what to do with it. If there are inarrange the two silos so that the comdications of a good market, it will pay bined feeding surface would equal to give as much attention to curing that of a single pit. The corn silo this hay as the best timothy, for the would have the larger capacity wheregrades approximating prime timothy ever corn can be produced to good adsell only for a few cents a hundredvantage; still a large amount of clover weight less. A good deal of the final should be produced annually in rotavaluation of this hay will depend upon tion, and this should be fed as a rule the cutting, curing and packing for in preference to simply turning it un- market. This more often determines der for green manure. the selling price of hay than the actual

Mice Proof Bee Hives.

In preparing chaff hives for winter, in the field it will pay best to use the we should be careful to make them land for something else. A run-down mice proof. Nothing suits the little rodents better than to get into a chaft these days of close competition .-- W. hive where they have the benefit of E. Farmer, in American Cultivator. the warmth of the bees. They are very damaging, and will eat up the entire stores of the colony in a short time, leaving the bees to starve. The entrance to the hive should be just three-eighths of an inch wide, no more, day, as they cannot be hitched near no less. If more than this, it will ad- trees for fear of ' winding themselves mit of mice, and if less, it will not admit all the bees in a satisfactory manner. Mice are the most destructive pests we have to contend with in connection with bees. They will render a lot of valuable comb honey worthless for market purposes in a very short time, if they gain access to it. They will also destroy empty combs, and especially those that contain more or less honey or pollen. By opening a chaff hive in winter, they may be readily detected by holes in the chaff, which show their burrowing places. If a thorough search fails to disclose them, they may be gotten rid of by poison.

A 319 Henhouse.

The chicken coop illustrated below HANDY ATTACHMENT TO HITCHING-POST. costs \$10 and is large enough for a work of iuch-by-iuch stuff, or laths, dozen fowls. The coops are built seven by ten feet, of boards costing \$6 over which a piece of cotton cloth or burlap can be tacked. It can be atper M. From ground tc eaves the distance or the length of boards is two tached to the hitching-post just high and a hali feet. The roof boards are enough to clear the animal's back. five feet long and are covered with The cow or calf will be grateful for its tarred paper. The doorway in front shade, and in the case of a calf will on the south side is twenty inches make a much better growth. The rewide by five feet high. This kind of volving piece of wood about the post coop does first rate for summer and about which the rope is tied is a device for preventing the animal from fairly well for winter use. There is one great objection to it. The snows winding the rope around its hitchingpost. -New York Tribune.



ly affects the best quality. This latter sells itself, and in any season it will find customers when low grades are a drug on the market. Consequently it is the only kind of hay In crying "Good Roads!" through the land that the farmer can conscientiously

Shade For Tethered Animals.

- unonation

Mr. Sugarier

Sinhy !!

The cycle shouts to beat the band, And now a friend has come to help it Because the motor's here to yelp it. But prime hay must consist of firstclass timothy, cured and kept in the Good Roads Educational Campaign.

About the only way to accomplish anything is to get at it and do it. The good roads movement has been practical in spots-in Massachusetts and New Jersey and in portions of other States, but, as a matter of fact, up to the present time the work has been But as there are many fields of largely "in the air." It is gratifying to note that the good roads workers of

the country are preparing to get their feet on the ground.

CALIFIC CONTRACTOR OF CONTRACTOR CONTRA

GOOD ROADS NOTES.

CHORONO CHORON

A Friend in Need.

On November 23, 1898, the Interstate Good Roads and Public Improvement Association was organized at St. Louis. The officers elected were directed to inaugurate an Interstate Campaign of Education by holding State and as many district conventions as possible, in the twenty-two States represented. Conventions are already called for a dozen cities in condition of the grass before cutting. Illinois. Reduced rates on all rail-But if the hay is indifferent and bad roads will be granted delegates who attend the conventions, manufacturers of improved road machinery will build hay field is of little real value in sample roads and give 'instruction in the best methods of using machinery. Premiums and other inducements will be offered, to make the conventions

instructive to the communities in Animals that are hitched out to which they will be called.

graze at the end of a rope rarely have While it will be the purpose of the shade to seek in the middle of the movement to induce all communities to ultimately secure the best of macadam roads, the present aim will be to up." The cut shows a light tramehave every section make the best use of whatever means may be at hand,

and thus gradually prepare the foundation for the better roads to come. The conventions are called for the purpose of organization, agitation and education, to improve existing meth-

ods. About \$4,000,000 are annually spent in Illinois for road purposes. In this sum was judiciously expended and the dirt roads were properly graded, tiled or drained and rolled, in

the near future every community would be practically benefited. The Office of Road Inquiry at Washington will co-operate in the work of making the conventions a success, and General Roy Stone, director; Mr. E. G. Harrison, expert, and, it is hoped,

Hon. James Wilson, Secretary of Agriculture, and other speakers of national reputation, will address the people, showing the governmental and commercial interests in this department of public service.

Better Roads For Motor Power.

The propelling power of the future, in raral districts as well as in the cities, will be electricity and compressed air. The horseless age is almost upon us. Great factories are

now preparing to turn out motor vehicles by the thousands and hun-Preparing Corn Ground For Wheat. dreds of thousands, and there is little The usual manner in which corn doubt that only a few years will elapse land is prepared for wheat is to have before they will be in general use cultivation cease at harvest, then wait until the corn is cut up, harrow the throughout the country. Not oaly ground over and then drill on the will motor and compressed air vehicles

Do Your Feet Ache and Burn? Bake into your shoes Allen's Foot-Ress, a powder for the feet. It makes Tight or New hors feel Easy. Cures Corns, Bun-ions, twollen, Hot, Callous, Aching and Sweating Feet. Bold by all Druggists, Gro-cers and Shoe Stores, 25c. Sample sent FREE. Address, Allen S. Olmsted, LeBoy, N. Y. N. Y.

A 89.000 Dinner.

The bill for the Bradley Martin dinner in New York for 86 persons footed un \$9,525, of which \$53 was olives, caviare, celery, radishes and bread, which shows that the Bradley Martins do not overlook the little luxuries of a dinner.

-Crops are withering in India, as the re-sult of the failure of the monsoon.

The Best Medicine for Headache. Lee's Headache and Neuralkia Remedy is the very best medicine for Headachet know of. It never fais at. I would not be without it. There is no bad after effect whatever. J. R. REID. McAdensvil e, N. C. July 24, 1890. All dealers sell it, 25c. Wholesale by EURWELL & DUNN Co., Charlotte, N. C.

--About the only cool thing that won't melt is a cold in the head.

Beauty Is Blood Leep.

Beauty is Blood Leep. Clean blood means a clean skin. No beauty without it. Cascarets, Candy Cathar-tic clean your blood and keep it clean, by stirring up the lazy liver and driving all im-purities from the body. Begin to-day to banish pimples, boils, blotches, blackheads, and that sickly bilious complexion by taking Cascarets, -beauty for ten cents. All drug-ists astisfaction guaranteed 100 255 515. gists, satisfaction guaranteed, 10c, 25c, 50c.

-- Cora Hill, an American variety singer at Berlin, has become insane.

A Doctor's Advice Free!

A bootor's Advice Free: About Tetterine, Dr. M. L. Tielder of Eclec-tic P. O., Elmore Co., Ala., says: "I know it to be a radical cure for tetter, salt theum, eczema and all ktaared diseas so of the skin and ecalp. I never prescribe anything else in all skin troubles." Send 50c in stamps for s box of it, postpaid, to the manufacturer. J. T. Shuptrine, Savaunah, Ga., if your druggist doesn't keepit.

-Heavy rains in the Northwest have broken the hot spell in that section.

Bon't Tobacco Spit and Smoke Tour Life Away. To guit tobacco easily and forever, be mag-netic, full of life, nerve and vigor, take No-To-Bac, the wonder worker, that makes weak men strong. All druggists, 50c er \$1. Cure guaran-teed. Booklet and sample free. Address Storling Remedy Co., Chicago or New York.

--- The successful planist must have his business at his finger ends.

In China as Well as Many Parts In China as well as Many Parts of America the mulberry is highly valued for curing constipation, headache and liver com-plaint. Wintersmith's "Mulberry Pills" con-taining the concentrated active pinciple of the mulberry is the best laxative and liver medicine yet known. To prove it a sample size box is mailed to any address on receipt of a 2 cent stamp to pay postage. Address Approx Perce & Co. Louisville Ver a 2 cent stamp to pay postage. A ARTHUR PETER & Co., Louisville, Ky.

-- A dog's tall is a whole lot like a teamster -- it always has a wag-on. Educato Your Bowels With Cascarets.

Candy Cathartic, cure constipation forever. 10c, 25c. If O. O. C. fail, druggists refund money.

--- Mrs. Emma Ness, of New York, com-mitted suicide with laudanum last week.

Mrs. Winslow's Soothing Syrup for children tething, softens the gums, reducing influma-tion, allays pain, cures wind colic lie a bottla

Fits permanently cured. No fits or nervous-ress after first day's use of Dr. Kline's Great Nerve Restorer. \$2trial bottle and treatise free Du. R. H. KLINE, Ltd., 501 Arch St. Phila. Pa.

--- The man with cork legs ought to be rather light on his feet.

To Cure Constipation Forever. Take Cascarets Candy Cathartic. 10c or 25c. & C. C. C. fall to cure, druggists refund monoy.

Feeding Bottles.





An Excellent Combination.

The pleasant method and beneficial ffects of the well known remedy Synup of FIGS, manufactured by the ALIFORNIA FIG SYRUP Co., illustrate the value of obtaining the liquid laxative principles of plants known to be medicinally laxative and presenting them in the form most refreshing to the taste and acceptable to the system. It is the one perfect strengthening laxaive, cleansing the system effectually. dispelling colds, headaches and fevers gently yet promptly and enabling one

Paris correspondence London Telegraph: Among the hospital patients of Dr. Lucan Championniers is a man seven feet four inches in height. He BRISTLE TWINE, BABBIT, &c., is 27 years old, and is still growing. He takes after his father, who was seven ENGINES. BOILERS AND PRESSES feet eight, whereas his mother was of short stature. At the age of 18 he Belting, Injectors, Pipes, Valves and Fattage.

ow middl

grown several inches, till, when at

21, he went to serve in the army he had

reached seven feet. He was the

youngest of twelve children, and, for-

tunately for them, he is the tallest of

Excepted.

them all by a foot or so.

C

was a youth h

SAWS, FIBS, FOR ANY MAKE OF GIN.

AUGUSTA, GA.

Its pupils have done well at the Uni-versities of Virginia, Cornel', Lehigh, ic-ton, and at the Massach setts 1 sti-of Technology, at Poston. Terms moder-For Catalogue, address, W. P. MASON, U. S. N. A., Principal.

Reckville, - Md.

FOR BOYS. ***

Address

neight, but LOMBARD IRON WORKS & SUPPLY CO.,

NULINI,

and the second A CHEAP CHICKEN COOP.

blow in in the winter (for the doors are made of lath) and fowls with large by so many farmers. the corn is ripe enough to cut up, combs like Leghorns or Minorcas freeze their combs and are not apt to nearly always makes it too late for lay well during the winter. However, wheat. Corn land, for some reason, a more substantial door can be does not push the young wheat plant placed on the building.-New England along as fast as some other land, Homestea:L

Thrifty Calves.

get a good root and top so it will be Beef cattle, to be profitable, must better able to stand the severe freezmake a quick growth and mature early. ing and thawing during the winter. In addition to this they must be of This large growth of root and top good quality, and, of course, a good cannot be obtained if you have to class of callle at the outset is essen- wait until the corn is cut up. There tial. An ill-bred beast, even when is a one-horse wheat drill, with five given good treatment, will not make hoes, invented, that entirely overthe growth and development necessary comes this difficulty, and often pays to the securing of the best quality of for itself three or four times over in beef. In addition to this must also sowing twenty acros of wheat. We be considered the question of cost, for | would not attempt to sow wheat after the better-bred animal will make a corn if we always had to wait until better use of the food supplied, so that the corn was cut. However, somea given weight can nearly always be times this can't be helped for a wind secured at a less cost with the better- | storm may blow the corn down so it bred animal than with the ordinary would be impossible to go through it beast, and as every item must be con- with a horse.

wheat.

sidered when the best profit is to be | We put a great deal of work on our realized, this and the better price it wheat land and consider it time well is possible to obtain must not be lost spent. 1 might say that we never saw sight of in securing well-bred animals. | anything else but corn land, and this But well-bred stock is only the start, is the way we do it: Our corn is kept for, no matter how good the breed, the cultivated all through July and August best results are not possible unless and not a weed is allowed to grow. aided by good feed and good care. It This trequent cultivation not only is very important to secure avigorous, helps to make a better corn crop, but thrifty growth from the start, and in keeps the ground clean and meliow the majority of cases the more fully and helps to conserve the moisture, this is done the better will be the re- which will be needed to help start the sults secured. If the calf is given a wheat. The last week in August we comgood start the first summer it is easy

to maintain a good growth on to ma- mence the final preparation of the ground for wheat. We use cultivaturity.

A stunted animal of any kind never tors with five teeth or shovels not less makes the growth and development than four inches wide. Our cultivathat it otherwise would. It is only by tors are set wide enough to reach shing the growth that early maturacross by going twice in a row. We ny is possible, and in nearly all cases go through both ways twice in a row the earlier the maturity the better the and then finish for the drill by going profits. With growing calves, as with once in a row with a twelve or fourteen tooth cultivator set wide enough pigs and lambs, the amount of the ration must be determined by the con- to complete a row at once through. dition of the animals. Some will re- This is merely to level the ground so quire more than others, and their conto work better with the drill. dition should determine how much We then have a complete shallow should be fed. It is much more seed bed that has been tumbled about economical to feed liberally and main- and thoroughly mixed together with tain a good growth than to feed a small these wide cultivator teetb. There is quantity and to secure little or no something about this thorough mixgain .- C. G. Freer-Thonger, in the ing of the soil that "tells" on the

London Farm and Home.

Hay and Forage.

making its growth. If some doubt Last year the demand for hay was the benefit of this, let them try it for so slack that many farmers neglected themselves. the hay fields last fall and even plowed

We want to sow our wheat from the some under for other crops; but the first to the tenth of September, and by unusually good market which has using the one horse drill, we can do prevailed for some time now has this, leaving us to cut our corn at our caused regret among those who too leisure. However, it is best to cut hastily did away with their hay crops. the corn as soon as it will do, and to Nevertheless the hay crop promises get the corn and fodder off the ground to be moderately fair this year, and in as soon as practicable for the benefit view of the good demand for it un- of the wheat. Taking off the corn usual attention should be given to the necessarily musses up the wheat, and process of cutting and curing it for makes it look for the time like much market. It is true that the Govern- injury was done. But soon the wheat ment buys large quantities of second will cover up all these little injuries grade hay for its uses, and this factor by its growth and at harvest time has been one of the most important in nothing will be noticed except where the market this year, but the Govern- the shock of corn stood, and this spot ment never pays the highest prices. will be grea ly reduced. Bidding for large quantities as it does, Wheat grown in this way can be it secures minimum prices for the grown more cheaply than in any other quality of hay supplied. way, and if done in the right manner

This takes from the market large we will not hear so much about corn

be used for pleasure conveyances, but they will be used for doing the work This is one of the reasons why corn land is not considered good for wheat Waiting until

of the farm and conveying the products to the markets and shipping points. The use of this kind of vehicles will

necessitate the making of better roads. They will prove an inestimable boou to the farmer. Their adventinto general use means a new era for him. hence it is very important that the They will do away with much of the wheat be sown quite early in order to drudgery of farm life and add in numerous ways to its pleasure and profit. They will greatly lessen the cost of transporting to market his products, thus enabling him to realize more for his labor, even at the same prices. The care and expense of keeping work animals will be a thing of the past. But unless the people of the country bestir themselves for better roads the cities will enjoy these luxuries for a generation before they can be made practical in the rural districts .- The State's Duty.

held at St. Louis in 1898 she was

elected Secretary of the State and In-

terstate Good Roads and Public Im-

provement Association. During the

year organized work had been started

in seventy-two counties of Missouri,

and sixty-six of these counties had

entered the work captained by Miss

Miss Harber is now traveling

through Illinois addressing the far-

mers and arranging for good reads

conventions throughout the State, to

be followed by a State convention to

The Anti-Rut Agitation.

Fills those who try it with disgust.

ing and in the right direction.

The good roads movement is mov-

Farmers everywhere are a unit for

good roads under a proper system of

Good roads benefit the whole State

and the whole State should pay for

good roads. This subject should be

brought to the front in every Legisla-

The Freeholders of Mercer County,

New Jersey, have adopted a resolu-

tion requiring the Road Supervisor to

employ in the repairs of roads only

those who will use wagons or carts

having wheels with tires not less than

The League of American Wheelmen

has issued an official declaration in

favor of State aid for building good

roads. It justly points out that tax-

able property is concentrating in

towns and cities, where distances are

short, leaving long stretches of roads

in the country districts which the

The Board of Freeholders of Tren-

ton, N. J., are making every effort to

encourage the use of broad tires, be-

lieving that such use will lessen the

wear and tear of public roads. Here.

after all specifications for bids for

constructing macadamized roads will

contain a proviso that the contractor

and one-half inches wide.

farmers' property cannot afford to im-

three and one-half inches wide.

A road that's filled with mud or dust

be held in Springfield.

dividing the expense.

Harber.

ture.

prove.

growing crop. It makes more plant

food available so the crop can use it in

Woman an Advocate of Good Roads.

Comforting Assurance. Mother-I'd just like to know who Miss Rella C. Harber is becoming known all over the country by her yourself to Daughter-Oh, he comes work in the interest of good roads. of a splendid family. "Does his fam-She is almost the only woman identiilv object to the match?" "Y-e-s." fied with the movement, and her cf "Then I guess he's all right."-New forts have been so successful in pro-York Weekly. ducing results that at the convention

during lifetime.

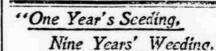
Hardly the Right Word.

the old Roman cemetery of St. Sepul-

chre, Canterbury, England, a feeding

bottle of bright red polished ware was

Codwallader-Funny that a woman can never throw anything straight. Jenkins (whose wife has red hair)-H'm, not funny exactly; rather providential, isn't it?



Reglected impurities in your blood will sow seeds of disease of which you may never get rid. If your blocd is even the there is safety; in delay there is danger. Iries." Be sure to get only Hood's, because

Hood's Sarsaparilla Never Disappoints

Possibilities of Language.

New York Tribune: A number cf commercial travelers were telling stories in an uptown restaurant last night, and this was vouched for by one who used to be a railroad conductor in eastern Pennsylvania: "My train had always reached Lebanon just after an express train, but the schedule was changed so as to bring my train into the station first. A voluble Pennsylvania Dutch woman was a regular passenger on market days, as my train stopped at her station, while the express whizzed by. The first evening that I ran my train in ahead of the express she was much astonished and delighted. She rushed up to me and exclaimed, in the high key and peculiar dialect of that region: 'Vy. you're early of late; you're first at last; you used to he behind. before!""

Most people are of opinion that feedafter an illness he grew four inches in manently. Its perfect freedom from every objectionable quality and subing bottles for babies must be an ina few days. A second illness produced vention of modern times. According stance, and its acting on the kidneys, liver and bowels, without weakening or irritating them, make it the ideal another rapid increase in his height. to Prof. J. N. Mosby, noted English an-After that he had several successive tiquary, however, this is not the case. attacks of a debilitating complaint. On laxative. This gentleman, who was lecturing rerecovery he invariably found he had

to overcome habitual constinution per-

In the process of manufacturing figs cently before an antiquarian society. are used, as they are pleasant to the taste, but the medicinal qualities of the stated that it was the custom among the Greeks for the nurses to carry a remedy are obtained from senns and other aromatic plants. by a method known to the CALIFORNIA FIG SYRUP sponge full of honey in a small pot to stop the children from crying. The Co. only. In order to get its beneficial professor went on to say that there are effects and to avoid imitations, please two Greek vases in the British Muremember the full name of the Company seum, dating from 700 B. C., which printed on the front of every package closely resemble the feeding bottles CALIFORNIA FIG SYRUP CO. used subsequently by the Romans. In

BAN FRANCISCO. CAL. LOUISVILLE, KY. NEW YORK, N. Y. For tale by all Druggists.—Price 50c, per bottle

The New Development of the South.

dug up in 1861, and Prof. Mosby came Columbia in South Carolina and to the conclusion that this bottle must have been burled with the little Roman Charotte in North Caroina are now comparing their condition as to manchild to whose wants it had ministered ufacturing prosperity in a tone of friendly rivally, and the amiable controversy is interesting generally because it indicates how great a change has occurred during recent years in this young man is you have engaged the subjects which command Southern interest

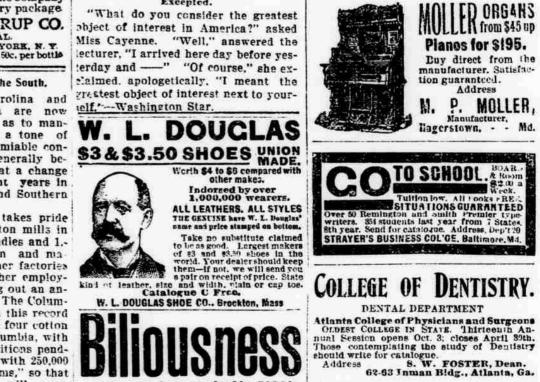
The Charlotte Observer takes pride in enumerating twelve cotton mills in that town, with 70,000 spindles and 1.-500 looms, besides our iron and ma chine shops and fifteen other factories of various kinds, all together employing 4.000 hands and turning out an annual product of \$6,000,000. The Columbia State po'; over against this record of the North corolina town four cotion mills now operating in Columbia, with 124,000 spindles. "The additions pending will give us five mills, with 250,000 spindles and over 6,000 looms," so that Columbia "within a year will more than treble Charlette's mill totals and will employ 4,500 hands." It acknowl-

edges, however, that Charlotte turns out a much greater variety of products in its mills and draws from that fact the lesson that "from this, Columbians least bit impure, do not celay, but take should learn the importance of diver-Hood's Sarsaparilla at once. In so doing sifying their manufacturing indus-

The South generally is learning the lesson of the advantages of diversifying industries, and with the learning will come a transformation in tone and character which will be beneficial to the whole Union and not to the Southern States alone. It will bring

the South more nearly into political accord with the North so far as concorrs questions of conomic polley and push into the background other questions so long provocative of discord. Incidentally the race and color question will be removed from accrimenious controversy and will settle itself. The South will need negro labor more than ever in its manufacturing competition with the North, and if negroes improve their opportunities they will be able to improve their condition steadily.

The unhappy era of difference in politics exaggerated by hostile sectional sentiment and contradictory views of self-interest on the part of the North and South, is happily passing away. With similar economical interests they will be impelled to get together in the common advocacy of an economic policy which promotes the prosperity of both .- New York Sun.







To cure, or money refunded by your merchant, so why not try it? Price 50c.

CUTLER'S

