American Highway Association.

The traffic on earth and grave roads has a constant tendency to de velop ruts, chuck holes, and depres The chief aim and purpose of road maintenance is to prevent and remedy this destructive action. To be suscessful and efficient, road maintenance must be systematically and con-Haphazard work is exten- America this year. give and unsatisfactory.

machine or graded is very efficient for ed States. placing it in shape. One must guard, however, against the all too common ed the farmers of the country that the practice of scraping the sod and other task of feeding the world will soon soil roads all vegetable or spongy ma-terial should be carefully excluded, mand for food. Such materials absorb moisture readsuch materials absorb moisture readily and furnish but little resistance the people of those countries must be against the wear. The road surface fed. They must not starve. And should be built up with the best material possible—material which will equal to the gigantic task. pack and consolidate under traffic And because this herculean task and which will be as nearly water falls upon the American farmer, it is

In general the road machine or greater of swifter results. grader should be used in the spring And herein lies the value of good of the year while the ground is moist and in such condition that it will work easily and at the same time pack well under passing traffic. Considerable skill and judgment is required to use the road grader to the best advantage. An unskilled and careless operator will sometimes actuleave the road in a worse condition than when he began work. will not decay nor absorb moisture so great crops we are asked to produce readily. Do not be guilty of the too Horses and mules must draw this n practice of leaving a windrew of clods or loose earth along the middle of your roads to impede traffic and absorb water at the first rain. Leave the roads smooth over the entire surface and traffic will spread and less likely to produce ruts. Always use the grader in such a way as to make the road better and not worse for the passing traffic.

When the road has been placed in good condition as to crown and smoothness the road drag is the best tool for maintaining it in good condi-Drag the road after each rain while the surface is still moist but not sticky. Use a light drag and move only a very little earth—just sufficient to fill the ruts and depressions and leave a slight surplus if the crown is Ride on the drag and shift your position according to the amount of earth necessary to be moved. If the rain has been of long duration it may be advisable to drag the road twice; first, very soon after the rain, and again when the clay is drying out of beginning to set.

Do not drng a dry road. Success ful dragging is dependent on a cer-tain amount of water or moisture in the road surface. Practically all clays and most soils, if not too sandy, Practically all puddle if worked when wet, and on drying out will set very hard, purchase of lands runs out this year, The drag in connection with truffic is and the Forest Commission will ask when properly used, leaves the road the work already started. Certain surface crowned and covered with a lands already or being surveyed will smooth layer of puddled and densely not be taken over unless more money smooth layer of puddled and densely packed soil. This layer is as nearly impervious to water as it is possible \$5,00,000 remaining unexpended of the to make it. Following rains find lit- \$5,000,000 appropriation originally water quickly runs off to the side of the dear after each rain leases the stand the next storm.

Therefore, to make your read

THE SHYSTER LAWYER

There are cores of ways in which a than \$00,000 neres. assistant, medical or other, may work, provements in the way of roads Through ambulance-chasing; through watching newspaper columns for suggestions of actionable libel; through

To The Public.

The manufacturers of Chamberlain's Colle, Ckolera and Diarrhea Remedy a word of gratitude with silage during the dry spell this summer.

To The Public.

The manufacture of manufacture and the cover harvest remove the covering and fill as usual. You'll never the difference. But better than all this, supplement your pastures with silage during the dry spell this summer.

Black Pig Is Preferred.

In the northern states color is of little importance, but in the south a large number of pork-growers prefer a black hog, as being leas susceptible to the heat and sure the cover manufacture of manufacture cipled lawyers can do to the public.

He blames two things: "Inhuman newspapers" that publish details of social transgressions, and "hypocritical callegialators" who pass hypocritical county is one of the new industries source.

The manufacture of macaroni by the Waldensians at Valdese in Burke county is one of the new industries source.

WHY BAVE GOOD ROADS

and construct him with the second

There are an abundance of recour why we should have good ronds, eve normal conditio

But there are urgent reasons why we should have them this year, when conditions are expected to far surpass even those of normal.

Our roads must be in condition for prompt harvesting of the great crops which the world is demanding of

Experts in all lines of business pro If the road is very rough and un- dict that 1915 will be the most pros even or the crown very low the road perous year in the history of the Unit-

President Wilson has publicly warr vegetable matter and refuse from devolve upon us, and he urges us to the sides and ditches on to the road, utilize every ounce of energy and ev-In general, on the clay and heavy ery foot of ground that the supply

Europe today is non-productive, yel

proof as possible and will wear uni-formly. imperative that no act of ours be left undone that may be productive of

country roads.

Tremendous crops may be grow and harvested, but they must be marketed in record time this year.

And without good roads this car not be done.

The time is opportune for the per ple of this community to take up this matter and see that prompt measures are taken to insure the best of roads not scrape sod and refuse into the in the country districts before the road. Good earth is far better as it time is at hand for the moving of the

Horses and mules must draw this produce to the shipping points, and this is a matter requiring both time and animal energy.

An animal possesses only a certain amount of energy, beyond which it may not be taxed, and when that energy is exhausted it ceases to be of the greatest value to its owner, and future movements are retarded be-cause of its lost vitality.

If the country roads are placed in the best possible condition during the spring and summer months, the fall movement of crops will be accomplish ed with greater case and less expens than heretofore. And every hour of time will be needed this fall if the farmers heed the call of the world and the warning of our president.

Let us be "up and be doing" here that we may contribute bountifully to our substance when humanity turns to us for bread.

PURCHASE OF LAND UNDER WEEKS LAW

Representatives of Forest Reserve Department have been over the large areas in Western North Carolina re cently purchased by the United State Government, and are highly pleased with the purchases made,

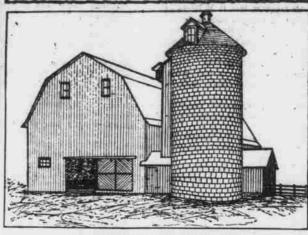
The appropriation for the further essentially a puddling machine which, for \$10,000,000 additional to carry on is provided, there being only about

of Secretaries Lane of the Interior tinued the read surface is not softened to any great death. The ground use Houston of the Department of Agriculture and a number of members of Compress is supported in its desire to smoorntions.

er to not it in proper shape in the spring of the year. Too keep your road smooth, use the road drug for much opposition among the native dislocally after each value. This will mountaineers to the Government Great interest in the purchases has one on earth or gravel road in the scheme to buy and control lands along pay to feed them. best shape in which it is possible to the streams in the mountainous sec-

nder the Weeks law amounts to more tract, with its beautiful scenery, imcell-bandled forests, contains 76,200 seres. It is proving a blessing to the people of the mountain section. The simple blackmail of the innocent, tak- Government will open it up next year ing advantage of unfortunate coinci- and it will be a vast, popular playand it will be a vast, popular play-ground for tourists and others.

WHOLE CROP HARVESTED BY USE OF SILO



A Good Silo Adds Beauty to the Farm Yard

(By W. J. FRASER Illinois) The digestive organs of animals that chew the cud are so formed as to require comparatively julcy and bulky food. The cow cannot, therefore, thrive on excusively dry food so well as can the horse. The nearest an ideal food that can be obtained for the dairy cow is good pasture; but, in many sections, for more than six months in the year green pasture is not available. The best substitutes to use during this period are corn silage and such roots as mangels and turnipa Corn yields an average of twice as much dry matter per acre as do root crops, and since the latter require much more labor, which in this country is relatively expensive, silage is

Making corn into sliage is a means of preserving the grain as well as the stalk in the best possible condition for feeding and without the expense of shelling and grinding. In feeding whole corn, either in the ear or shelled, many of the kernels are not digested. With silege, the grain being eaten with the roughage, nearly all the kernels are broken during mastica-tion, and, since they are somewhat soft, are practically all digested.

By the use of the ci'o the cora is removed from the field at a time when no injury is done the land by cutting it up while soft. As the corn is cut before the blades are dry enough to shatter, there is no waste from weathering and both stock and grain being in good condition, the whole crop is consumed by the stock, while with dry shock corn a large percentage of the leaves and butts of

the stalk is wasted.

It has been determined that one cubic foot of hay in the mow contains about 4.3 pounds of dry matter, and about 4.3 pounds of dry maker, and that a cubic foot of silage in a thirty-six foot silo contains about 8.9 pounds of dry matter. From this it is evi-dent that a cubic foot of space in a silo of proper depth will hold more than twice as much dry matter as the corresponding space in a mow. It is also true that on the average a larger amount of digestible feed can be obtained from an acre in the form of silage than in any other way at like expense. Making corn into silage is

t then both an economical and compact

method of storing feed.

Much damage has been done to the cause of silage by the extravagant claims of its over-enthusiastic friends. Although corn silage is not a complete and balanced ration in itself, it is so well relished that large quantities are feeding as well as in milk production but a steer cannot be finished on silage alone, any more than a cow can pro-duce her best yields of milk on such a ration. To obtain the most economi-

cal returns, some dry roughage should be fed in connection with silage, and a legume hay, as alfalfa, clover, or cowpeas, is the best for this purpose. particularly for young stock and cows Economical milk can be produced from these feeds without the addition of grain, if the cows are not giving more than two gallons of milk a day providing the corn was well cared and both the silage and the legume hay are of excellent quality. Cow-giving a larger yield must have grain

A pasture will carry much more stock during spring, early summer, and fall, than it will through the hot, dry weather of midnumner. By belp-ing the pasture out at this season with partial solling, the cattle not only have better feed during this critical period, but more stock can be carried on a given area than by pasturing alone. As land increases in value and farmas and increases in varieties of the ing becomes more intensive, there is greater need for soiling, and the most satisfactory method of providing a substitute is by means of the silo. It requires too much labor to cut green crops every day and haul them to the cows, and besides there is necessarily a great loss in being obliged to feed the crops before they are fully mature

and after they are over-ripe.

No crop furnishes more feed to the are than corn, and with the silo it can be utilized for soiling, thus permitting the whole crop to be harvested when at the right stage of matur ity and fed when needed, saving both feed and labor.

POTATOES IN COW'S RATION LEGUME TO FERTILIZE SOIL

As Valuable Succulent Food as Any

Potatoes are fully as valuable as a ucculent ford in ration for dairy ows as any of the roots, like man-els, turnips, etc. In food value as hown by their chemical analysis, shown by their chemical analysis, they are fully equal to any of them, being much richer in starch, equal in protein and also nearly equal in fat. This being the case, it is largely a question of palatability and digestibility. Cowe may not at first like pointoes as well as they do boots, but it is largely because they have not been elheated to eat them.

When potatoes are very chesp it will pay to feed them to cows, but usually they are worth too much for human frond to be used as live stock food. Beets or carrots, etc., are not

food. Reets or carrots, etc., are not usually figured as being worth more than four to five delling per ton for stock food; according to this, pota-toes must be as clemp as 15 cents to

KEEP SILAGE OVER SUMMER

Hot Wenther in Avarage Well-Built, Well-Filled Sile.

Don't worry! The extra supply of slage left over from the winter's feeding will not spoil during the summer in the average well built, well-ular to the average well built, well-filled silo. In case of doubt, cover what silage remains with straw, bny or barn sweepings, tramp down hard and dampen thoroughly.

There It No Excuse fo Man Who Cul tivates Poor Land in South-Yields Can Be Doubled.

It will pay to grow some legum after oats or wheat, or in the corn, or during the winter between crops of cotton and corn to plow under to fertilize the soil.

It will pay better to feed legumes

to good live stock and return the ma-nure to the sell than to plow the crops under direct for fertilizer, but on soils that will not now produce a profitable crop it may be the best thing to plow under at least one or two crops. It does not pay to culti-vate poor roll, and it only costs the seed and labor of seeding to grow a crop that will more than pay for this cest when plowed under. In the lagood live stock and return the ma content will more than pay for the cost when plowed under, in the in-second yield the first year and then speat the increase the year follow. In There is no excuse for the man-tho cultivates poor soils in the South-He can grow the same one crop a

Extra Supply Will Net Spell During STIMULATE A SLUGGISH JACK

Veterinarian of Oktahoma Experiment Gives Direction Handling Breeding Animal,

A breeder writes to Oklahoma A and M. college that be has a juck that is apparently in good health, but re-fuses to work. Dr. W. P. Shuler of fuses to work. the department of veterinary medicine of Oklahoma A and M college gives the following directions for handling a breeding animal of this kind:

"Provide sufficient vetol tablets for a ten-day course of treatment. These tablets contain yehimbine, a recently discovered drug having a powerful stimulating action on the sexual or-

Secure tablets which contain one grain each of this drug. dose. It should be administered three times daily in the food, or dissolved in a half-pint of water as a drench.

"This is a much safer drug to use than cantharides or 'Spanish fly,' and is surer is action."

Moselight Schools For Adult Illits rates

The month of November has been amounced in The Courier, by the State committee on Social Service as the period during which the moonlight schools shall be held throughout the State.

The has been decided to have meeting the position of the posi

writing and arithmetic, especially adapted for moonlight school work, have been perfected and will adapted for publication in pamphlet tatoes depends on the following prinform and for publication in the weekly newspapers of the State, so that the newspapers can be used as the actual text books in their respective counties.

Besides the whole educational consumed. Being a succulent feed, it forces of the State, including over tends to heavy milk production, and 5,000 school teachers, there are should be given an important place in the ration of dairy coves. It has proved an important factor in steer feeding as well as in milk cover. Federation of Women's Clubs with Mrs. Lingle of Davidson College at the head of a special committee of 100 of the leading women of the State, the Farmers' Union, the Junior Order United American Mechanic and other strong forces throughou the State.

The social service committee has decied to launch no other civic service movement this season and concentrat energies and effort on this moonligh school movement.

Biliousness and Constipation.

It is certainly surprising that any woman will endure the miscrable feelings caused by biliousness and constipation, when relief is so easily had and at so little expense. Mrs. Chas. Peck, Gates, N. Y., writes: "About a year ago I used two bottles of Chamberlain's Tablets and they cured me of biliousness and constipation and biliousness. For sale by all dealers.

KEEPING SWEET POTATOES

The keeping qualities of the swee potato depend upon the variety grown the type of soil in which it was grown and the methods of handling at dig ging time. Clay soils on which highly nitrogenous fertilizer has been used will produce rough cracked potatoes

held throughout the State.

It has been decided to have meetings of the county committees on social service with the teachers of the counties at each county seat a week or more before the time for the schools to begin, and then to have meetings of the local committees and the local teachers on the eve of the opening of the schools, these to round out the arrangements and stir revers a lot of needless handling and round out the arrangements and stir prevent a lot of needless handling and enthusiasm to the utmost. It will bruising. When the potatoes are be permissable to change the dates in ahaken off in heaps, or are picked and counties in which the county schools are not actually in progress during are badly bruised and skinned, and when in this state are in a very favorthe whole of November.

The 12 lessons each on reading, able condition to ret. Before being writing and arithmetic, especially placed in storage they should be allowed to dry out as much as possible." The successful keeping of sweet po-

ciples: 1. Harvest potatoes before they are

frosted. 2. Don't bruise them, handle as little as possible when digging.

3. Throw out all cracked and broken potatoes.

4. Dry out as much as possible before storing.

Keep dry.

6. Keep warm.

WINSTON-SALEM MAN SAVED FROM DEATH

E. Erwin Says Wonderful Remedy Brought Him Astoniahing Relief.

J. E. Erwin of Winston-Salem, N. C., was for a long time the victim of serious disorders of the stomach. He tried all kinds of treatment and has

tried all kinds of treatment and has many doctors.

One day he took a dose of Mayr's Wonderful Remedy and was astonished at the results. The help he sought had come. He wrote:

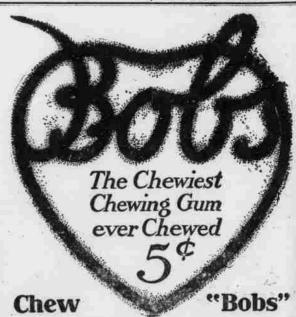
"I am satisfied through personal use of the life-saving powers of your Wonderful Remedy. You have saved my life. I could have lived but a few weeks more had it not been for your remedy. I am inclosing a list of friend aufferers who ought to have some of your remedy."

Worth Their Weight in Gold.

Worth Their Weight in Gold.

"I have used Chamberlain's Tablets and found them to be just as represented, a quick relief from headsches, dizzy spells and other symptoms denoting a torpid liver and a disordered condition of the digestive organs. They are worth their weight in gold, writes Miss Clara A. Driggs, Elbs. N. Y. Foc sale by all dealers.

Children Cry FOR FLETCHER'S CASTORIA



5c. the packet or two "Bobs" for a cent at all the better stands and stores.

A ND now Hearts are trumps in chewing gum!

"Bobs" made it hearts -raised the bid on the pep, the flavor and the chew-and put gier a grand slam. Lool for the candy-coated hewing gum hearts—"Jobs."

Everywhereit's "Bobs"