

### MAKING GOOD ROADS.

#### Increase of Automobiling Has Given Tremendous Impulse to Task.

The question of good road making in the United States within the last ten years on account of the bicycle and the automobile has greatly increased in importance, says the New York Herald. Not only have a great number of macadam roads been built of late, but other roads have been improved, as by the use of oil, so that they give good satisfaction and wear much better than formerly. The United States government has set itself the task of figuring the total roads of the country through the medium of the bureau of agriculture and up to date has figures as follows (the only statistics of the kind ever gathered in this country): Alabama, 20,089 miles; Arizona, 5,957 miles; Arkansas, 39,445 miles; Iowa, 102,448 miles; Maine, 25,528 miles; Maryland, 10,773 miles; New Hampshire, 15,116 miles; North Carolina, 49,763 miles; Oregon, 34,238 miles; Tennessee, 48,989 miles; Vermont, 51,512 miles; Washington, 31,992 miles—in all 409,206 miles of road thus measured.

The total roads in the country have not yet been figured, but it has been estimated that they will reach at least 2,000,000 miles. A number of the states, notably New York, Connecticut and Maine, have legislated to assist counties and towns within their own confines by offering to pay half the expense of roads made new or improved in a specified manner. New road building has been undertaken in consequence.

The prosperity of a country is, of course, dependent to a large degree upon its highways as feeders of the railroads, affording means for people to trade with each other and to do about. Unquestionably the automobilist's influence for good roads marks a new era whose future can only be guessed at, but which may change our methods of living and doing business as much as the railroad's have changed them in the last seventy-five years.

In the eastern states the tendency is to build hard macadam roads with moderate grades. To them such a road is ground is dug and placed to the required shape and then covered with layers of stone, the larger stones being at the bottom. When rolled properly such a road is very durable, and if the water courses are designed correctly to carry off the rains it will require small annual repairs. In some parts of the west earth roads have been improved by spraying with oil, which not only lays the dust, but forms a crust several inches thick that resists erosion.

### ROADS, BUT NOT LIBRARIES.

#### Indian Territory's Proposition to Carnegie to Build Highways.

A movement has been started at Muskogee, I. T., to interest Andrew Carnegie in the proposition of giving funds for the construction of Carnegie public roads in the new state instead of to public libraries, writes a Muskogee correspondent of the Kansas City Star. A Muskogee newspaper has published this proposition, together with a map showing a road ten miles in length leading from Muskogee to Indian university, Hyde Park, Fort Gibson and to the National cemetery beyond that place.

It is shown that this road could be built for \$100,000, including a wagon bridge across the Arkansas river. It would be graded, drained and macadamized and set its entire length with maple or elm trees at that price. It is shown that the amount of money that is now being given away by Carnegie would build 3,000 miles of such road each year and that the benefit to the public would be much greater than in cases where the money goes to public libraries. This is especially true in the new state, where it will be impossible to construct roads of any consequence for several years.

Maps showing this road were to be forwarded to Mr. Carnegie and the matter laid before him for his consideration. The scheme is an entirely original one and its reception by the great benefactor is problematical.

#### Toronto Autolists For Good Roads.

As the roads in the vicinity of Toronto are said to be among the worst in the Dominion of Canada, the Toronto Automobile club has started a movement to have them improved, says the Motor News. The club accordingly has decided to offer at least \$800 to municipalities for a road improving competition. There will be three prizes—\$500, \$200 and \$100 respectively—which will be paid to the municipalities which show the piece of roadway one mile long on which the greatest improvement has been made by July 1. Points governing the awards will be proper drainage, serviceable width, efficiency of crown, hardness, smoothness and permanency of construction.

No first prize will be awarded unless there are five entries, no second prize unless there are eight entries and no third prize unless there are ten entries. No prizes will be awarded unless the work is finished to a standard approved by A. W. Campbell, commissioner of highways for the province of Ontario, one representative from the York county council and one representative of the Toronto Automobile club.

**A Suggestion For Counties.**  
It has been suggested that the counties in each state having an inheritance tax law devote the receipts received from such source to the construction of a national highway.

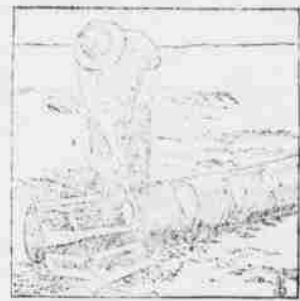
## FARM & GARDEN

### A GATEPOST.

#### Method of Squaring a Log—A Help to the Axman.

In squaring a gatepost the first operation consists in removing the bark from the log. In giving directions for the work American Cultivator says: For the sake of stability as large a butt as is possible is left on the gatepost. Only that portion, therefore, which is to stand above the ground is squared. The length of this portion is measured off and the log fixed so that it will remain steady while the ends are being marked. At the same time it is placed in such a position that the most may be made of the timber it contains. The ease and readiness with which this is done depend entirely upon the skill and judgment—largely the result of practice and experience—of the axman.

The squares or rectangles are now marked on the ends with the aid of the level and rule. The first line (a vertical one) is obtained by drawing a pencil along the face of the level when it is held plumb and as close to the edge as it is deemed advisable to go. The line of sight across this is obtained by drawing a fine line along the top of the same instrument when it is held level. The other lines necessary to complete the preparation are then obtained without difficulty by the same means. Another way of marking the first line on each end is with the aid of a plumb line. The other lines are then marked off in the same manner. It is to be remembered that when the log is to be squared it should be marked



SQUARING THE POST.

or twist in the squared log. Marking the first line on each end with the plumb line or level is an easy and satisfactory way of proceeding. This line having been marked, it is necessary to connect these marks with lines which will show the axman how deep to chop. These lines are marked or "struck" in a similar manner to that adopted by a carpenter for marking a line, a piece of string or sewing twine is used. Instead of coating the string with dry chalk, as the carpenter does, it is found better for the work in hand to use a liquid, such as whitewash.

Cuts, or kerfs, at intervals of nine to twelve inches are now chopped with a common ax almost to the lines "struck." The intervening blocks are then split off with the same ax, after which the edges are finally trimmed with the squaring ax.

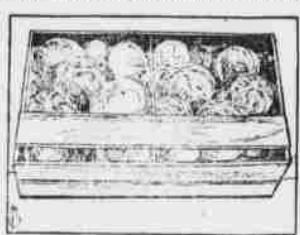
The partially squared log is now rolled over until the remaining marks on the ends are in a vertical position, lines connecting these marks are "struck" and the edges squared as the others were squared. The top is then rounded off with ax and adz. This completes the squaring. The post is finished and is ready for setting in the ground.

#### A Trellis For Blackberries.

The Rathburn and Eldorado blackberries should be grown in rows and be supported by a wire on each side. I think the best way for making a trellis for supporting blackberries is to have a stout post at each end of the row and have two wires running between the posts for the blackberries to grow upon. At a distance of fifteen to twenty feet the wires should be tied together with string, and where the rows are very long perhaps an occasional slender stake may be put in to keep the wires from drooping too low.—Farm and Fireside.

#### Cabbage For Northern Markets.

Cabbage for the northern market is grown in southern Florida quite extensively. The accompanying picture, from American Agriculturist, was taken



CABBAGE IN THE CRATE.

on March 14 at Palmetto, Fla. Cabbage is cut and trimmed, packed in crates as here shown and shipped to northern markets.

#### Cotton Production.

The situation throughout the world with regard to cotton production has continued to be a subject of investigation by the department of agriculture, and it is still impossible to find any tangible evidence of the prospective production of cotton in any country which will be a serious competitor of the present cotton of this country.

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To secure leaflet in the departments, or for further information, should be made before July 15th. The Fall term opens September 10, 1907.

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**EDITORS' MEETING.**  
Convention Held at Morehead City Last Week—Officers.

The session of The North Carolina Press Association held at Morehead City last week was one of the best in the history of the association. The papers were of keen interest to all and every member was enthusiastic in the work.

**ARCHIBALD JOHNSON, PRESIDENT.**

The election of officers of the association was held on the morning of the 18th, and resulted as follows:  
President—Archibald Johnson, of Thomasville.  
First vice-president—J. A. Thomas, of Louisville.  
Second vice-president—W. J. Jordan, of Snow Hill.  
Third vice-president—A. S. Carson, of Sparta.  
Secretary and treasurer—Jno. B. Sherrill, of Concord.  
Historian—T. G. Cobb, of Morehead City.  
Organizer—James H. Caine, of Asheville.  
Reporter—James A. Robinson, of Charlotte.  
Executive committee—Robt. M. Phillips, H. A. London, D. T. Edwards, W. C. Dowd and Josephus Daniels.

It was decided to hold the next meeting of the association in Charlotte, a cordial invitation being received from that city, and supported by general appeals from Mr. J. P. Caldwell and Mr. C. C. Moore. Resolutions to compliment among the members for holding an admirable meeting.

The president, Archibald Johnson, in a report of standing charges, reported a good and ably completed business session, and congratulating the members on the fact that they not only held their annual meeting but will raise the highest amount of dues possible. The president's report will be held in the afternoon of the 19th.

**What Important Service Does...**  
Lexington might be called the "good telephone" town, for its telephone service is available rates. While numerous other towns are having all sorts of phone troubles, Lexington is satisfied. The service is all that is needed or wanted, and the rates are \$1.25 per month for residences and \$2.25 for business houses. Local night service was put on, the rates were \$1 and \$2. Efficient operators give prompt response at any time, night or day, or on Sunday. The system is not owned by a trust.—Dispatch.

**Must Be In Contempt.**  
No public official in North Carolina can avoid being in contempt. If he is afraid of being held in contempt of Pritchard he is sure to win the contempt of every free and law-abiding citizen of North Carolina. This is a time when judges must win the contempt of the people or be in contempt of an inferior Federal judge's order.—News and Observer.

**A Mean Man**  
A Bangor woman, relates the News of that town, sat up till 1 o'clock the other night waiting for her husband to come home. At last weary and worn out with vigil, she went upstairs to retire, only to find her husband in bed fast asleep.  
Instead of going down town he had stolen upstairs and crawled into bed, which made his wife so mad she didn't speak to him for a week.

**Most Officers—Holders—Pay in Villages Service.**  
Catawba County News.

We see it stated that a man in Stanly county made an offer to Judge Adams of \$150 for a position as postmaster. It would be interesting to know where the idea of buying an office came from. Did the Stanley man think it out?

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is a soothing, healing balm containing no drugs having a narcotic effect. It **RELIEVES** quickly and soothes the congested membranes and thoroughly heals and cleanses. Valuable not only for **CATARH** but relieves colds, throat troubles, hay fever, "stopped-up" nose, etc. **We Guarantee Satisfaction.** Buy a 25 cent tube of Nosena from **ASHBORO DISPENSARY CO.**

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Address: **DR. D. M. McDONALD,**  
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