

USE OF TRACTOR IS NO SINECURE

Problems That Do Not Bother the Farmer Who Uses Horse-Drawn Implements.

ELIMINATE WASTE OF TIME

Necessary to Lay Out Fields So That High-Class Job Can Be Done—Short Turns Are Awkward—Advantages Summarized.

(Prepared by the United States Department of Agriculture.)

Plowing with tractors presents some problems that never bother the man who uses horse-drawn implements. It is necessary to lay out fields, so that the entire area with the minimum use of a horse-drawn plow in starting and finishing the work. The methods in general use are divided into two classes—those in which the plows are elevated and no plowing is done across the ends, and those in which the plows are left in the ground continuously. In most cases better plowing can be done when the plows are across the ends of the fields, and for this reason the methods of this class are more popular, but many farmers prefer the other methods, as they eliminate waste of time and labor.

Plowmen using tractors wish to reduce to a minimum the time spent in running with plows out of the ground. While it is necessary to do some traveling while the plows are idle, care should be taken not to do too much of it, as it reduces the number of acres which can be plowed in a day, making the tractor that much less efficient. Short turns, however, are backward for most tractors, and where such turns are necessary the operator often has more or less difficulty in getting the outfit in the correct position for starting into the new furrow at the right point. Some tractors turn more easily in one direction than others, and this should be taken into consideration in laying out the fields.

Advantages Summarized.
The advantages of plowing by the methods in which the plows are idle across the ends of the fields are that the short, awkward turns are eliminated, except in some cases at the beginning and ends of the lands, and usually less spaces will be left at the corners to be plowed with horses. The advantage of the other methods are that little or no time is lost in trav-



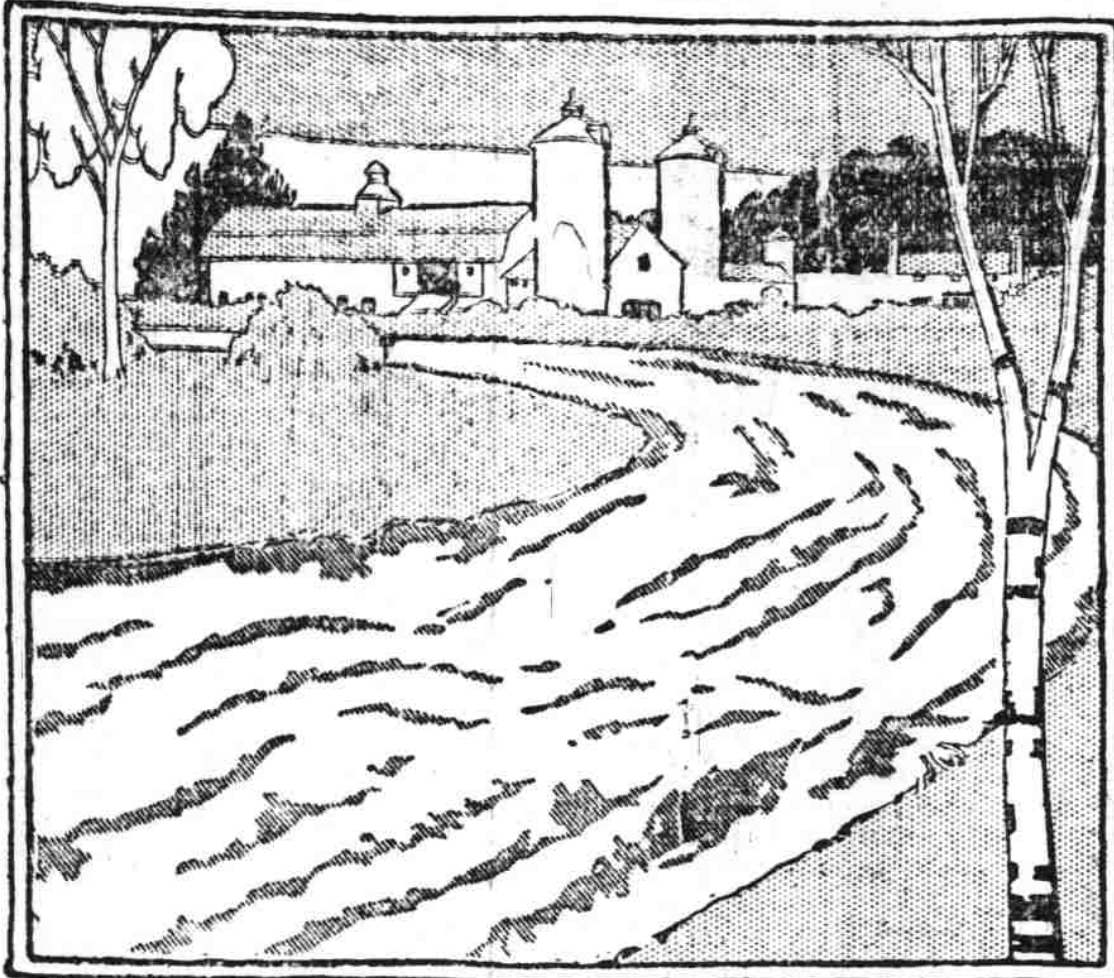
Plowing With Tractors Presents Problems That Never Trouble Man Who Uses Horse-Drawn Implements.

ing with the plows out of the ground, and that ordinarily the number of dead furrows and back furrows will be considerably less.

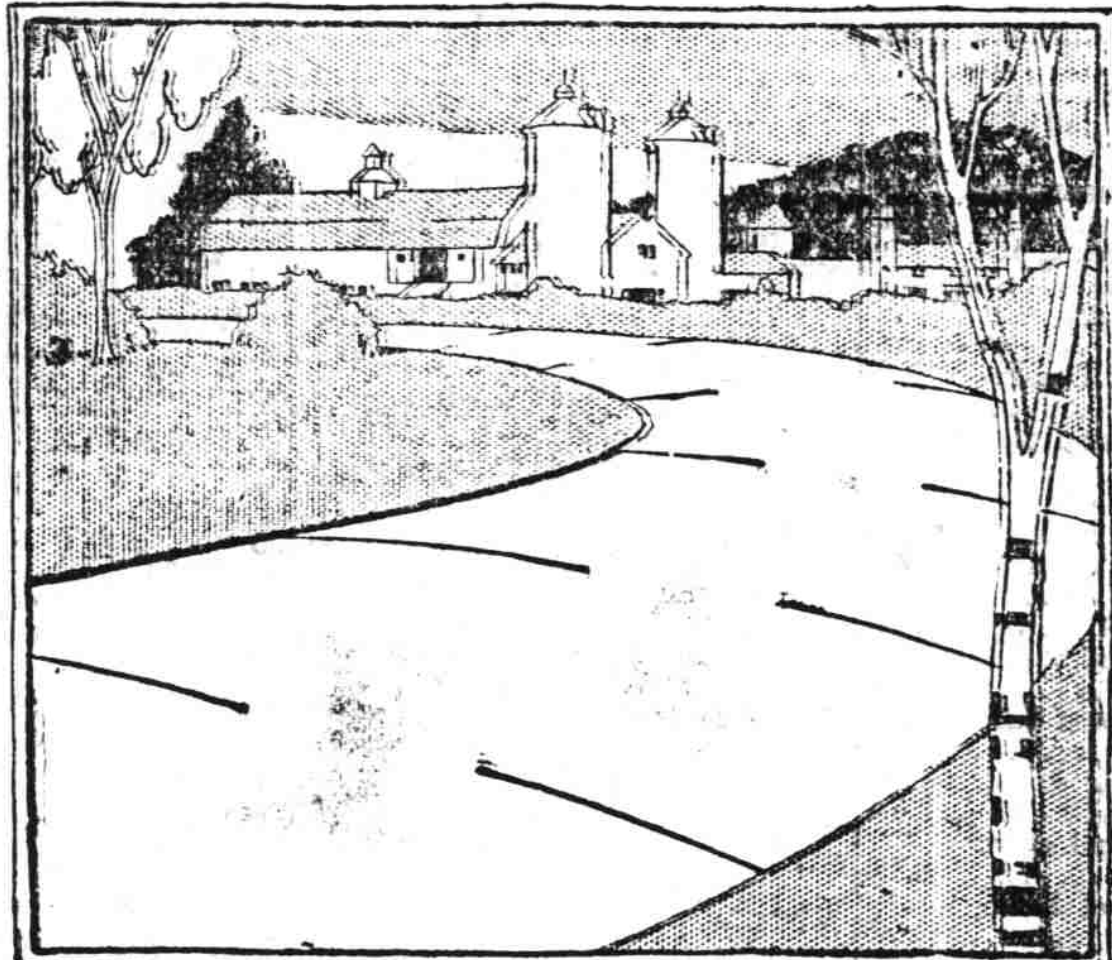
In using the first-named methods it is necessary to measure the lands in the center of the field accurately, leaving an equal area on all sides of the field in which to turn the outfit, and which can be plowed last by running the tractor completely around the field several times. If one end of the field is fenced the outfit can be pulled out into a road or lane, or an adjoining field, for turning. It may be preferable to plow up to the fence on the two sides as the body of the field is being plowed, and leave the headland only across the end of the field which is fenced. The width of the headland will depend largely on the turning radius of the tractor. With newly handled outfits it is not necessary to leave more than 15 or 20 feet.

Careful Plowing Saves Time.

If the field is to be finished up in the best manner, with no irregular, unplowed strips between the land or at the edges, it is essential that care be taken to have the headland of the same width clear around the field, to have the distances measured exactly when starting new lands, and to have the first furrows as nearly straight as possible. A little extra time taken in measuring off the necessary distances and setting plenty of stakes for guidance will nearly always be more than returned in saving time at the finish. If the tractor pulls three or more plows, cutting a total width of three or more feet, some effort should be made to have the width of the headlands an exact multiple of the total width of the plows, so that the last strip across the field will exactly cut out the land or finish it to the fence. This will do away with the necessity of making a trip across the field, probably over the plowed ground, to turn a narrow strip which has been left unplowed.



As It Is



As It Seems

The Road—In New Overland 4 on Three-Point Cantilever Springs

YOU expect a bad road to ride as it looks. It did, until the introduction of the Overland 4 Springbase.

Overland 4 does *not* change the road, but it *does* change the *manner* in which you can ride on it. It gives you comfort instead of dis-comfort. It gives you a smooth, sailing sensation instead of bouncing and swaying.

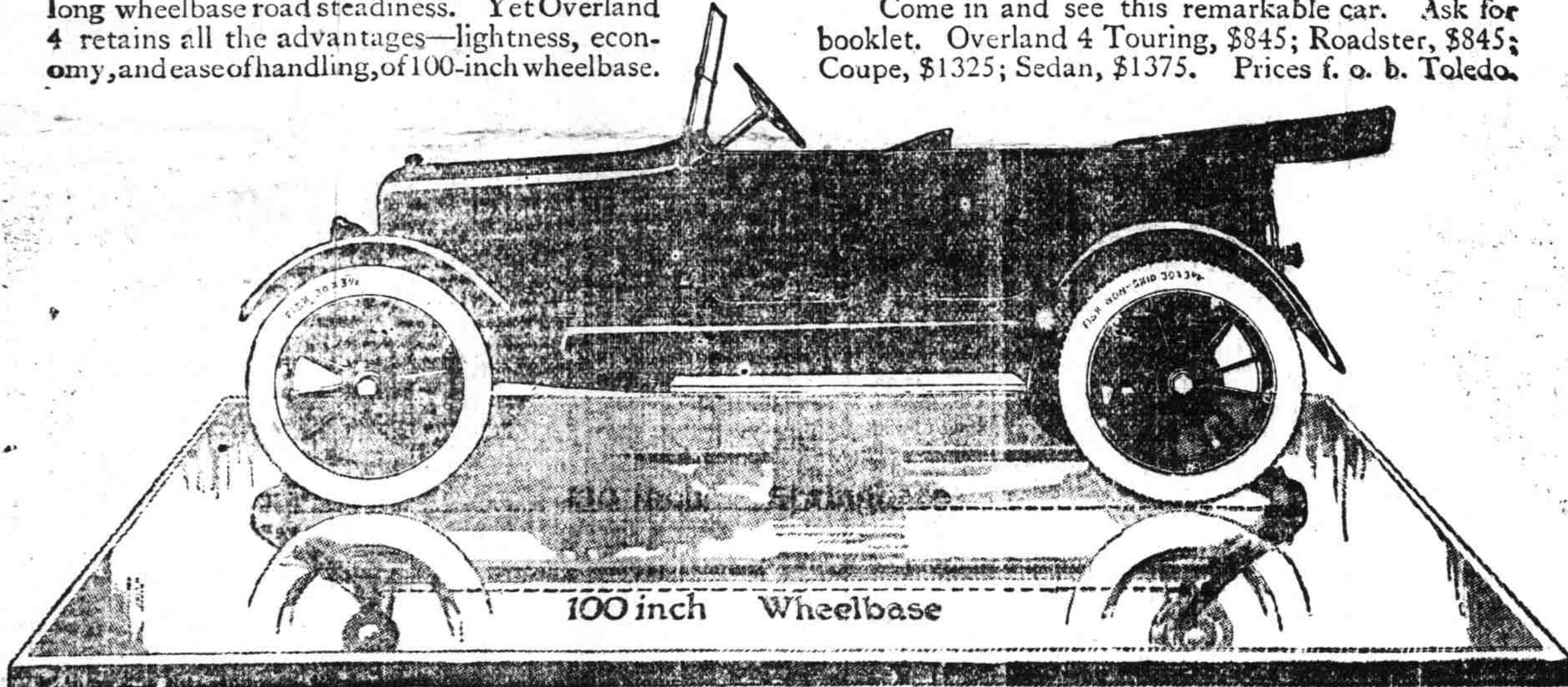
The Diagonal attachment of Three-Point Cantilever Springs at the ends of a 130-inch Springbase gives long wheelbase road steadiness. Yet Overland 4 retains all the advantages—lightness, economy, and ease of handling, of 100-inch wheelbase.

This means an altogether new standard of riding comfort, a noteworthy reduction in the wear and tear which lessens the efficiency of a car. The new springs give longer life to every part and thus minimize upkeep and replacement costs.

Tires wear longer because cushioned against hammering blows. Light weight means marked economy in gas, oil and running expense.

Overland 4's equipment is complete from Auto-Lite Starting and Lighting to Demountable Rims.

Come in and see this remarkable car. Ask for booklet. Overland 4 Touring, \$845; Roadster, \$845; Coupe, \$1325; Sedan, \$1375. Prices f. o. b. Toledo.



B. L. BALLENGER, Distributor, Tryon, North Carolina

Many Young Men and Women Offer Themselves For Christian Service

Southern Baptists Will Have Ample Working Force for New Program—Campaign Hopes to Strengthen Local Churches and Win 2,500,000 Lost to Christ During Next Five Years.



Group of Young Women Volunteers, Preparing Themselves for Special Christian Service at Baptist Women's Training School, Fort Worth, Texas.

The Seats of the Mighty.

A certain captain went calling upon the village belle. The old man kept a very vicious housedog, and upon the occasion of the officer's call the dog was untied. When the fearsome canine had finished with the captain the seat of the latter's trousers was missing. His brother officers, joshing him about his predicament, asked if the girl was worth risking his anatomy in that fashion. The captain replied: "Maybe not, but I have always been willing to give up my seat to any lady!"—*Index*

Have Eye for the Future.

Do for yourself what you admire seeing the other man do. He takes time to get ahead. His mind is his most precious treasure. No pains are too much to bestow upon it. You watch him grow and admire his pluck. You even speak the word that boosts him. Why not apply his principles to your own life? Make the hours count. Take detours now that you may ride an easy road later.—*Exchange*

Learned Her Lesson.

A friend of ours was a collector for a lodge. His little daughter was in the habit of accepting pennies from the members. Her mother chastised her and told her she must not accept pennies any more. So the next day, when one of the members offered her a penny, she said: "I can't take pennies; I can only take nickels and dimes."—*Exchange*

"Carpet-Bagger."

It is said that the term "carpet-bagger" was first applied to political adventurers in America. It was designed to describe a needy political adventurer who wanders over the country pandering to the prejudices of the ignorant in order to try to get into office. He was so called because he was regarded as having only enough property to fill a carpet bag.

North American Moose.

The best moose hunting in eastern North America is found in the Canadian province of New Brunswick. The best in the United States is in Maine. Moose are believed to be holding their own if not increasing. Ernest Thompson Seton, the naturalist, estimates that there are about a million moose in North America.

Next Morning the Loaves Had Two.

A baker of raisin bread whose product got shyer and shyer or raisins one day received this sarcastic letter: "Herewith I hasten to return a raisin which I found in a loaf bought on your premises this morning. Trusting that you have not been inconvenienced in any way by its temporary loss, I remain, etc."

Masculine Contempt.

Small Richard asked his sister to roll his sleeve up for him and as she didn't do it neatly he remarked: "Gee, and you expect to be a wife yet!"

Sea-Island Cotton.

Practically all of the sea-island cotton is produced in the states of Georgia, Florida and South Carolina, the finest coming from the chain of islands off the Carolina coast. It is well named sea-island cotton, as when grown away from the coast the fiber rapidly degenerates into upland cotton unless seed grown in the islands is obtained for planting successive crops.

To Start a Clock.

The stopping of a clock may be due to clogged wheels. Thoroughly saturate a piece of white cotton with kerosene oil and place it inside the clock case. Probably at the end of a week the cotton will be black with dust that has been loosened by the fumes of the oil and the clock will run as well as ever.

"Writ Sarkastic."

In answer to a question as to whether it is safe to allow a baby and dog to sleep together the health department of the Brooklyn Eagle says: "A child of that age is capable of harboring all sorts of microbes, and she might infect the dog with something, so it isn't very safe for the dog. A dog should have a separate bed with a change of sheets every night."

Make Bells.

The science of bell casting has been practiced in one English foundry for nearly 350 years.