

## FARM TRACTORS

All tractors are required to have a light attached on the upper left side of the vehicle capable of displaying a light visible five hundred feet to the front and five hundred feet to the rear. This light should be displayed during the period of one half hour after sunset to one half hour before sunrise and when there is not sufficient light for the tractor to be visible to other vehicles on the highway or road at a distance of two hundred feet ahead of the tractor.

[T.C.A. 55-9-401 (a)]

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## COTTON WAGONS

Cotton wagons are required to be equipped with a red tail lamp and a triangle shaped slow moving vehicle identification emblem placed on the lower left corner of the rear of the wagon. This emblem must consist of a yellow-orange, 12 inch reflective equilateral triangle with a 1 3/4 inch red retro-reflective border. The emblem should measure 14 inches high and 16 inches wide.

[T.C.A. 55-9-401 (b)]

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## SEMI-TRAILERS AND TRAILERS

Semi-trailers and full trailers, regardless of width, are required to have the following:\*\*

One of the following on each side:

- red tail lamps,
- red stop lamps,
- amber or red turn signals,
- red rear reflectors,
- amber side marker lamp - near the front,
- red side marker lamp - near the rear,
- amber side reflector - near the front,
- red side reflector - near the rear.

Trailers over eighty inches in width must have the following additional lighting:\*\*

- red rear clearance lamps,
- amber front clearance lamps,
- three red identification lamps mounted on the vertical centerline of the vehicle.

For trailers over thirty feet in length, at least one additional reflector should be placed at or near the center or approximately uniform spacing in the length of the vehicle on each side.\*\*

(\*\*Federal requirements: Part 393.11)

All trailers eighty inches or more in width are required to have retro-reflective sheeting or reflex reflectors in a red and white pattern. Sheeting or reflectors should be attached on the following areas of the trailers:

**Sides:** Retro-reflective sheeting strips or reflex reflector arrays should be applied to each side of the trailer or semi-trailer. Each strip or array shall be positioned horizontally beginning and ending as close to the front and rear as practicable. The strip or array does not need to be continuous but the sum of the length of all segments should be at least half of the length of the

trailer and spacing between the segments should be evenly distributed.

**Lower rear area:** Strips of retro-reflective sheeting or reflex reflectors should be positioned horizontally, extending across the full width of the trailer, beginning and ending as close to the extreme edges as possible.

**Upper rear area:** Two pairs of white strips of retro-reflective sheeting or reflex reflectors, each pair at least 12 inches long, must be positioned horizontally and vertically on the upper right and left rear corners of the body of the trailer.

(Federal requirements: Part 393.13)

Any trailer manufactured prior to December 1, 1993 must be equipped to meet these requirements.

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## IMPLEMENTS OF HUSBANDRY

All implements of husbandry with a width of ninety-six inches or more, which are towed behind a tractor or other motor vehicle, and conceals the lighting of the farm tractor, are required to have two red and/or amber flashing lights, one on each side, attached at the rear, or be accompanied by a rear escort utilizing its emergency flashers. This lighting is required during the period of time from one half hour before sunset until one half hour after sunrise.  
[T.C.A. 55-9-401 (d)]

## DEFINITIONS

**Farm Tractor** - every motor vehicle designed and used primarily as a farm implement for drawing plows, mowing machines, and other implements of husbandry.

**Implements of husbandry** - every vehicle which is designed for agricultural purposes and exclusively used by the owner thereof in the conduct of the owner's agricultural operations.

**Semi-trailer** - every vehicle with or without motive power, other than a pole trailer, designed for carrying persons or property and for being drawn by a motor vehicle and so constructed that some part of its weight and that its load rests upon or is carried by another vehicle.

**Trailer** - every trailer with or without motive power, other than a pole trailer, designed for carrying persons or property and for being drawn by a motor vehicle and so constructed that no part of its weight rests upon the towing vehicle.



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## Guide to Lighting Regulations for Farm Implements



## *How They Affect Your Operation*



Tennessee Farm Bureau Federation