

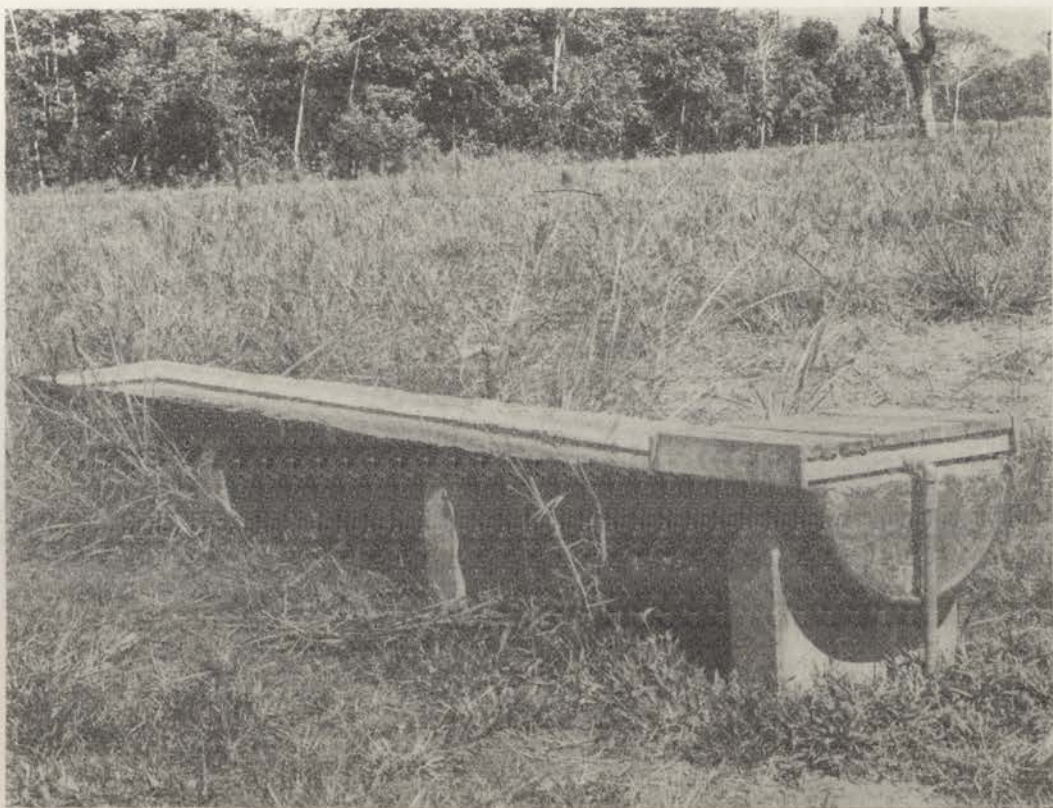
## A Cheap and Durable Cattle Trough

A cheap and durable cattle trough can be made out of a 44 gallon drum, cut vertically down the middle, away from the bung.

The two halves are then arranged so that the bung of the original drum can be used as a plug of the trough for cleaning. The bottom of the drum is removed and the two halves are welded together and placed on cement supports. Next the inside of the trough is lined with chicken wire and tied with wire passed through holes in the drum. Finally the trough is plastered with a 2/1 sand/cement mixture.

It is safer to remove the bung and plug the hole with paper before plastering. This avoids the danger of forgetting about it and plastering over it, or of getting plaster in the screw-thread. To make doubly sure that the latter problem does not arise, a layer of thick grease can be applied to the thread before the paper is pushed in.

Piped water is needed, and a ball cock may be used to maintain the level of water in the trough. It facilitates cleaning if the ball cock is at the opposite end of the trough to the bung.



*Plate I.—A trough made out of two drums*