## SHEEP FENCELI NE FEEDER , STEEL POSTS



The Canada Plan Service prepares detailed plans showing how to construct modern farm buildings, livestock housing systems, storages and equipment for Canadian Agriculture.
This leaflet gives the details for a farm building component or piece of farmstead equipment. To obtain another copy of this leaflet, contact your local provincial agricultural engineer or extension advisor.

## SHEEP FENCELINE FEEDER, STEEL POSTS

## PLAN N-4616 NEW 78:11

The back of this leaflet gives details for a combination feedlot perimeter fence and feed bunk. This is designed for feeding concentrates and chopped roughages from a self-unloading forage wagon, mixer truck or mobile feed mill.
This feed bunk is framed with galvanized pipe posts set into a raised concrete base. For accurate positioning of the posts in concrete, make a welding jig and preassemble the posts in pairs by welding them to short steel rebars. Then support the posts

(1)
between the concrete forms, wire the longitudinal rebars, and pour the concrete base.
For the feed fence and sloping bunk front, use either dressed 38 mm planking or rough-sawn full 25 mm boards. Fasten the boards to the pipe posts with galvanized U-bolts. To adjust for small or large sheep, slacken the U-bolts and slide the feed fence board up or down.
A $200 \times 75 \mathrm{~mm}$ concrete step and a sloping strip of pavement along the feed bunk gives firm dry footing for the sheep. Make the paving at least as wide as the tractor used for feedlot scraping and cleaning.

8. 200 mm , or adjust to suit
9. min. slope $1: 25$, width of slope equal or greater than tractor scraper
10. min . 50 mm concrete cover to reinforcing
11. 15 M rebars, 450 mm long (shop weld to pipe posts before installation)
12. 15M rebars (wired to cross reinforcing 11)
13. $38 \times 184 \mathrm{~mm}$ form planking
14. ALL DIMENSIONS IN THIS METRIC PLAN ARE IN MILLI METRES (mm) UNLESS OTHERWISE SPECIFIED

