

THE HOLLAND TRANSPLANTER, FURTHER MODIFICATIONS
OF THE -SHOE TO IMPROVE ROOT POSITION

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The March 1954 issue of Tree Planters' Notes carried an article on modifications developed at that time on the Holland transplant machine. However, further improvements are now necessary because: (1) The shoe did not complete the trench in time for the tree to be released and secured by the packing wheel, and (2) soil shifted in between the upper half of the shoe and the packing wheel. To correct these defects we found it necessary to add (fig. 1):

- A. To the depth of the shoe.
- B. About 3 inches to the length of the shoe.
- C. A strip close to the packing wheel.

As a result of these changes, planting will be well done if the roots are all pruned to about the same length, and if the trees are placed in the same and correct position in the rubber clips. The problem of bent roots should not occur.

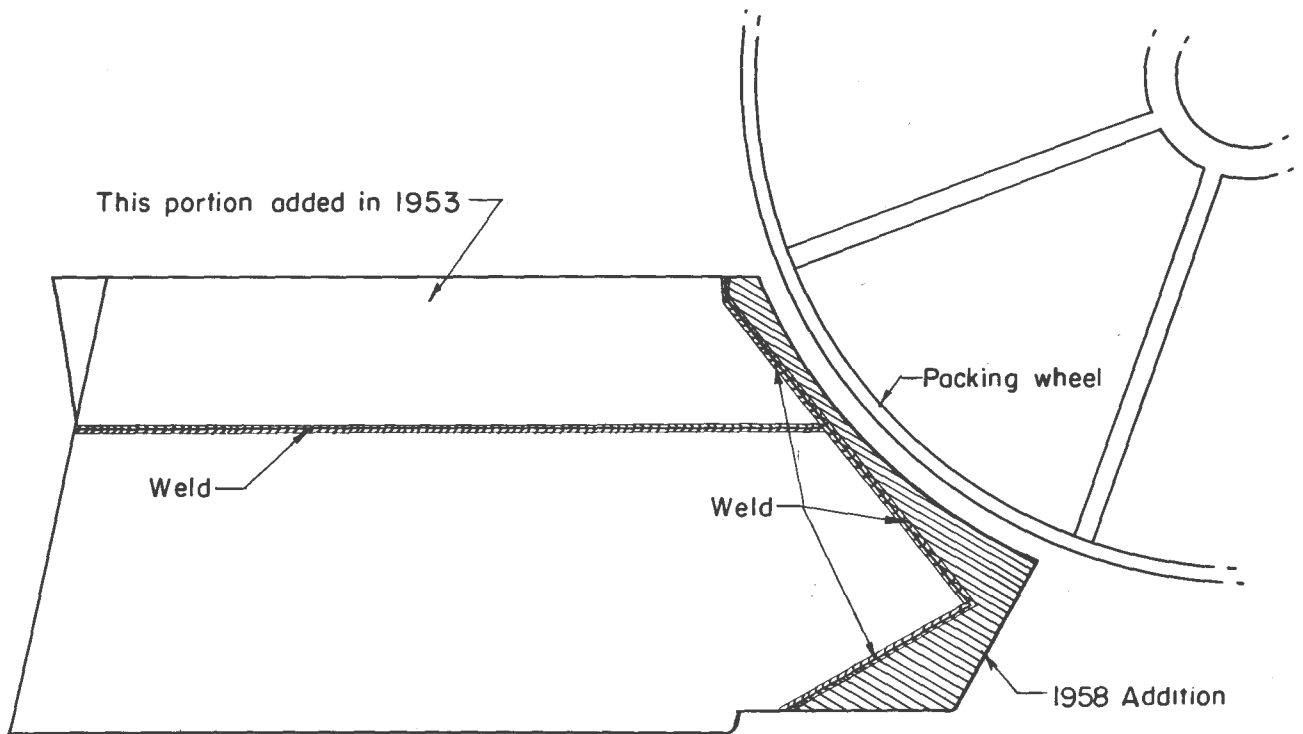


Figure 1.--Shoe modification for Holland transplanter.