A stool-ladder for the orchard

J. A. Mallett

Follow this and additional works at: https://researchlibrary.agric.wa.gov.au/journal_agriculture3

Recommended Citation
Available at: https://researchlibrary.agric.wa.gov.au/journal_agriculture3/vol4/iss4/5

This article is brought to you for free and open access by Research Library. It has been accepted for inclusion in Journal of the Department of Agriculture, Western Australia, Series 3 by an authorized administrator of Research Library. For more information, please contact jennifer.healthcote@agric.wa.gov.au, sandra.papenfus@agric.wa.gov.au, paul.orange@dpird.wa.gov.au.
A COMBINATION stool and step ladder—a utilitarian, heavy-duty model of a popular item of kitchen furniture—is proving a useful article of equipment in an Eastern Hills orchard.

Mr. R. C. Owen, M.L.A., of Pickering Brook uses these stools extensively when picking fruit, particularly in his stone-fruit orchard where the size of the trees does not warrant the frequent use of a full-sized orchard ladder.

When picking from the lower branches, the stool holds the picking box at a convenient height, leaving both hands free. For the higher branches, the step-ladder gives sufficient elevation for a medium-sized tree.

CONSTRUCTION

The stool stands about 30in. high and is made from pine timber for lightness.

Four pieces of 3\(\frac{1}{2}\) x \(\frac{3}{4}\)in. timber are nailed together in the form of a 10in. square box frame upon which the top of the stool is screwed. The sides and back
end of the box are sloped outward at the bottom to permit the legs to be splayed in order to give a firm base. The top edges are then planed level to take the top of the stool which is about 11in. square.

Alternatively the box could be made with perpendicular sides and the tops of the legs could be made slightly wedge-shaped to allow them to be attached at an angle.

The legs and the two steps are of 3½ x ¾in timber. The legs are bolted in position, the steps being housed in grooves cut on the inside faces of the legs.

Added strength and rigidity are given by three lengths of ¾in. round steel, threaded at each end and fitted with nuts and washers. These are 12in., 16in. and 20in. long, respectively, and go under the top and under the two steps.

Further bracing is provided by two stays 22in. long made from 2½ x ¾in timber. The ends of the stays are shaped so that they fit snugly against the inner faces of the two front legs and the outer edges of the single back leg.

When standing on the stool, care should be taken to distribute the weight evenly, and preferably towards the face of the stool where the two legs are attached. Stepping on the back corners is liable to make it tip sideways.—J.M.

DEEP FROZEN BOVINE SEMEN

A further consignment of 250 cc. of deep frozen Dairy Shorthorn bull semen contained in 1 cc. ampoules reached Perth by air from London on April 27.

This was imported from the Cambridge and District Cattle Breeders Ltd., of Great Britain, by Mr. M. J. Edwards, Veterinary Surgeon of Bunbury, for the artificial insemination of the dairy herd of Mr. H. Burge at Busselton.

The semen was packed in a thermos flask containing about 10 lb. of dry ice and arrived in good condition; a microscopic examination of one of the ampoules revealed the sperms to be actively motile.

As a precaution against foot and mouth disease it will be required to be held in quarantine for a period of 30 days from the date of collection and will not be released to the importer until a quarantine clearance has been received from the Ministry of Agriculture and Fisheries, Great Britain.

Until the semen is required for use it must be maintained at a temperature of minus 79° Centigrade and this will be effected by the addition of dry ice to the flask as required.
Skipper Bailey's announce the famous OLIVER range for 1955

OLIVER Model 100
Automatic Wire-Tie HAY-BALER

The machine for the larger holdings and for the baling contractor. The OLIVER Model 100 is fast, effective, economical and thoroughly reliable. It wastes no time and wastes no hay.

NEW OLIVER Model 50
Engine Powered Twine-Tie HAY-BALER

The Models 50 are neat, compact units simple to operate, easy to handle. They are capable of a fast, high output according to conditions and type of crop to be baled.

OLIVER Model 50
P.T.O Operated Twine-Tie HAY-BALER

The Model 50 Hay-Balers incorporate many of the features found in their bigger brother, the Model 100. They are in the medium capacity medium-price range for the farmer with the smaller holdings.

Skipper Bailey
MOTOR CO. LTD.

900 Hay Street, Perth
Cnr. Spencer & Stirling Streets, BUNBURY

USE THIS COUPON

Please send me details of OLIVER Hay-balers

Name
Address

Please mention the "Journal of Agriculture, W.A.,” when writing to advertisers
THE "I.P.A." CARRY-CABIN

SECTIONED ALL STEEL HUTMENT

IDEAL FOR THE MAN ON THE LAND AS LIVING QUARTERS — ENGINE ROOM — UTILITY BUILDING — STORES SHED — CAMPING QUARTERS — AND MANY OTHER PRACTICAL USES. ALL ENQUIRIES TO:

INDUSTRIAL PRODUCTS of AUSTRALIA PTY. LTD.

GENERAL HARDWARE MERCHANTS
PHONE: BF 2531 (Five Lines) . . . 7 SHERWOOD COURT, PERTH, W.A.

Please mention the "Journal of Agriculture, W.A.,” when writing to advertisers.