TIMBER REQUIRED FOR MOULDS.

Portion of Mould for which required.	Dimensions of Cross-section.	Number of Pieces required.	Length of each Piece.	Total Length.	Number of Superficial Feet.
(1.) For Mould shown in Fig. 4.					
	Inches.		Ft. in.	Ft.	
Bearers of base-board and brace (not necessarily dressed)	3 x 2	5	2 9	14	7
Long boards of mould	6 x 1½	5	6 0	40	30
End boards and blocks (off-cuts here will make stops for ends of brace)	6 x 1½	4	2 6	..	..
Tongued-and-grooved base-boards ..	6 x 1	6	7 0	42	21
Total superficial feet	..	..	..	..	58
(2.) For Mould shown in Fig. 7.					
Side boards and end blocks	6 x 1½	2	8	16	12
Base-board	10 x 1½	1	7	7	10¾
Total superficial feet	..	..	..	..	22¾
(3.) For Single Mould to make 8 in. by 8 in. Strainer or Gate Post.					
Side boards and end blocks	8 x 1½	2	20	20	20
Base-board	12 x 1½	1	9	9	13½
Total superficial feet	..	..	..	..	33½

In estimating quantities it will be seen that in the case of material for mould Fig. 4 standard sizes of timber have been allowed for: *e.g.*, instead of 5 in. by 1¼ in. for the long boards and ends of mould, 6 in. by 1½ in. is reckoned on. Tongued-and-grooved boards are not sold by the superficial foot, but by the "running" foot. This will affect the calculation of cost very slightly.

COST OF TAPERING POST AS MADE IN MOULD SHOWN IN FIG. 4.

Mould.

Dressed Oregon pine (first class) costs at the present time about £3 per 100 superficial feet.

	£ s. d.
58 sup. ft. at £3 per 100	1 14 10
Four iron brackets and bolts, with thumb-screw and wood screws ..	0 10 0
Cost of labour for making	0 10 0
Total cost of boxing	£2 14 10

Assuming that such a mould can be used one hundred times, the cost allocated to each post will be 54s. divided by 400, or just over 1½d. A mould well cared for and kept under cover when not in use will give considerably more service than the figure given. At Lincoln some moulds have been in use off and on for a period of twelve years.

Concrete-work.

It is here assumed that shingle costs the farmer 10s. per yard. Considering that such work as carting can be done when horses cannot