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**SECTION 56 – CLEARING RATES**

1203. The time required for clearing is reduced by:

- a. Good organization of available equipment and labour.
- b. Avoiding double handling.
- c. Minimizing non-productive traveling time.

1204. Figures given in Tables 12.2 and 12.3 may be used as a guide, but actual output may vary within 50 per cent either way, depending on local conditions.

**TABLE 12.2 – CLEARING RATES-HAND CLEARING**

Ser No	Area	Labour required (man-hours)		
		Light clearing	Medium clearing	Heavy clearing
(a)	(b)	(c)	(d)	(e)
1	30 ft strip, per 100 ft	8	25	120
2	40 ft strip, per 100 ft	12	30	165
3	50 ft strip, per 100 ft	15	40	205
4	Per acre*	125	350	1750

\*often taken as 5,000 sq yds in planning calculations.

**TABLE 12.3 – CLEARING RATES – USING EQUIPMENT**

Ser No	Task	Equipment	Clearing
(a)	(b)	(c)	(d)
1	Mowing (weed and grass only)	Size IV tractor with mower	2.0 acres per hr (10,000 sq yds)*
2	Clearing bush (no trees above 4-in diam)	Size IV tractor with dozer	(a) 50 ft strip: ½ to 1 mile per day (b) Large areas: ½ to 1 acre per hr (2500 to 500 sq yds)*
3	Medium clearing (with few trees)	Size II tractor with dozer	0.25 acres per hr (1,200 sq yds)*

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4	Tree felling- Bush and small strees (up to 4in diam)	Size IV tractor with dozer	0.25 acres per hr (1,200 sq yes)*
5	Medium trees (4 to 12 in diam)	Size II tractor with dozer	1 to 3 mins per tree
6	Large trees (12 to 30 in diam)	Ditto	5 to 40 mins per tree

\*An acre often taken as 5,000 sq yds plan in calculations.