

Activity: Harvest rates 1

Use the information in the two tables below to help calculate the answers to the questions that follow.

Base rates

Yield class	Total harvest site yield m ³ /ha	B Grade Sawlog \$/m ³	C Grade Sawlog \$/m ³	Pulpwood \$/m ³
G	50 – 100	\$98	\$103	\$92
F	101 – 150	\$100	\$105	\$94
E	151 – 200	\$102	\$107	\$96
D	201 - 300	\$104	\$113	\$98
C	301 – 400	\$106	\$118	\$100
B	400 – 800	\$108	\$123	\$102
A	801 ⁺	\$110	\$128	\$104

Rates add-on table

Harvest site factor	Class	Criteria	Add-on (\$/m3)	Application of add-on
Slope	1	0-10% of harvest site with slopes ≥ 20 degrees	\$0	All timber from harvest site
	2	11-40% of harvest site with slopes ≥ 20 degrees	\$0.75	All timber from harvest site
	3	41-100% of harvest site with slopes ≥ 20 degrees	\$4.00	All timber from harvest site
Rock	A	Up to 30% of harvest site has rock cover	\$0	
	B	Over 30% of harvest site has rock cover (including rocks above and below the surface that impact on harvest operations)	\$1.80	Only timber from the proportion of the site that is affected by rock

What would be the harvest rates per m^3 for the following yields of timber. For each question, show how you work out your answer.

1. B grade sawlogs from Yield Class C.
2. C grade sawlogs from Yield Class B, harvested on a slope (Class 2). Show how you worked out your answer.
3. Pulpwood from yield class D, harvested on a slope (Class 2), with some rock (Class A).
4. Yield Class F pulpwood, harvested on a Class 3 slope.
5. C grade sawlogs from Yield Class G, harvested on a flat ground with Class B rock.
6. B grade sawlogs from Yield Class A, harvested on a Class 3 slope with Class B rock.