

















Vegetation Type	Intensity	Minimum Water Depth	Footprint area	Using Drop Characteristics	Approximate dimensions	Flight speed	Flight Height
4.1.4.1.4.1.1.1	500kW/m	0.4mm	334m ^a	drop 3 (1-1.5mm)	27 X 12m	50kn	50ft
Australian Eucalypt	1000kW/m	0.63mm	334m ^a	drop 3 (1-1.5mm)	27 X 12m	50kn	50作
cocatypt	2000kW/m	1.2mm	185m ²	drop 1 (1.5-2mm)	23 X 8m	50kn	50ft
Australian Cured	500kW/m	0.19mm	334m#	drop 3 (1-1.5mm)	27 X 12m	50kn	50ft
	1000kW/m	0.35mm	334m ^a	drop 3 (1-1.5mm)	27 X 12m	50kn	50ft
grass	2000kW/m	0.65mm	334m [#]	drop 3 (1-1.5mm)	27 X 12m	50kn	50ft
e	500kW/m	1.32mm	185m²	drop 1 (1.5-2mm)	23 X 8m	50kn	50ft
Canadian	1000kW/m	2.64mm	64m²	drop 4 (3-3.5mm)	8 X 8m	speed 50kn 50kn 50kn 50kn 50kn 50kn 50kn 0kn 0kn	50ft
pine	2000kW/m	5.28mm	12m²	drop 4 (5.5-6mm)	3 X 4m	Okn	50ft
Table 7.	Drop depths	and dimens	sions in var intens	rious vegetation ty sities	pes with fire	s of diff	erent

	AREA IN SQUARE METRES						
	DROP 1	DROP 2	DROP 3	DROP 4	DROP 5		
WIND DIRECTION	SE	S/SE	8	5	s		
WIND SPEED	2.8km/hr	11.8km/hr	15.9km/hr	17.3km/hr	14.8km/h		
WIND SPEED DURING DROP	2.1km/hr	16.2km/hr	20.1km/hr	17.1km/hr	19.7km/h		
HELICOPTER	40kn	50kn	50kn	0kn	50kn		
HELICOPTER HEIGHT	50ft	50ft	50ft	50ft	50ft		
SUPPRESSANT	0.40%	0.20%	0.40%	0.20%	0%		
TOTAL AREA (m ²)	286m ³	289.5m ²	334m²	168m ²	311m ²		
FOOTPRINT D	EPTH (De	oth of wate	r in cups pl	laced within	the arid)		
0 - 1mm	in milese	pui oi waa	a in capa p	aces mittin	the griat		
1-1.5mm	286	289.5	334	168	311		
1.5 - 2mm	185	216	175	132	142		
2 - 2.5mm	99	132	18	97	72		
2.5 - 3mm	56	82		77	12		
3 - 3.5mm	31	58		64	76		
3.5 - 4mm	10	26		55			
4 - 4.5mm		0.5		41			
4.5 - 5mm		0,0		33			
5 - 5.5mm		-		22			
5.5 + 6mm				12			
				5			









