

Table 4. Management regimes used by the New Zealand Forest Industry in broom infested areas. Where text is in italics, the need for this treatment was assessed on a case by case basis. All other treatments were considered standard practice.

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Pan Pac: Gwavas Forest, Central Hawkes Bay												
Pre-plant	[Orange bar]											
Cover crop				[Green bar: Lotus+fog+trefoil]								
Plant trees					[Light green bar]							
Spot-spray							[Blue bar: Terb. + Hex.]					
Yr 2: Release	[Grey bar: Clopyralid + Picloram]										[Grey bar: Clopyralid + Picloram]	
Pan Pac: Kaweka Forest, Central Hawkes Bay												
Pre-plant		[Orange bar]										
Plant trees						[Light green bar: Rarely]						
PF Olsen: Central North Island												
Pre-Plant		[Orange bar]										
Plant trees					[Light green bar]							
Yr 2: Release											[Grey bar: Clopyralid, Picloram + Triclopyr]	
Kaingaroa: Central North Island												
Pre-plant		[Orange bar]										
Cover crops			[Green bar: Limited use]									
Plant trees					[Light green bar]							
Yr 1: Release								[Grey bar: Terb. + Hexazinone]				
Yr 2: Release								[Grey bar: Terb. + Hexazinone]				
Yr 3: Release								[Grey bar: ^a Release KT]				
Carter Holt Harvey: Kinleith, North Island												
Pre-plant		[Orange bar]										
Plant trees					[Light green bar]							
Spot Release							[Blue bar: Terb + Hex.]					
Yr 1: Release											[Grey bar: ^b Terb. + Hex.]	
Yr 2 or 3: Rel.										[Grey bar: ^c Clopyralid + Triclopyr + Picloram]		

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	
West Coast Timberlands: West coast of the South Island													
Pre-Plant	High weed load, higher rate		Standard rate										
Plant trees													
Spot Release									Terb. + Triclopyr + Picloram				
Yr 2 or 3: Rel.	Clopyralid, Triclopyr + Picloram		Clopyralid +extra L Triclopyr+Picloram									Clopyralid, Triclopyr + Picloram	
City Forests: Dunedin surrounds													
Pre-Plant													
Plant trees													
Spot Release								Terb + Hex.					
Yr 3 or 4: Rel.												Clopyralid + Triclopyr	
Wenita: Dunedin surrounds													
Pre-plant	For blocks logged in Feb. and high altitude blocks, weeds have long time to grow so double rate of pre-plant brew often required.												
Cover crop				100% Fog									
Plant trees													
Spot Release								Terb + Hex.					
Yr 2: Release	Clopyralid+Triclopyr		^d Clopyralid +Triclopyr									Clopyralid + Triclopyr	
Ernslaw One: Otago/Southland													
Pre-plant													
Plant trees													
Spot Release								Hex. + Atrazine (2nd appl)					
Yr 2, 3 or 4 Release	Clopyralid+Triclopyr (2nd appl)											Clopyralid + Triclopyr (2nd appl)	

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Weyerhaeuser: Nelson and Blenheim												
Pre-plant	[Orange bar]											
Plant trees						[Green bar]						
Spot Release		[Blue bar: <i>Terbuthylazine + Hexazinone</i>]							[Blue bar: <i>Terb. + Hexazinone</i>]			
Yr 2: Release										[Grey bar: Clopyralid, Triclopyr + Picloram]		
Carter Holt Harvey: Nelson Bay region												
Pre-plant		[Orange bar]										
Plant trees						[Green bar]						
Spot Release									[Blue bar: <i>Terb. + Hexazinone</i>]			
Yr 2: Release											[Grey bar: <i>Clopyralid, Triclopyr + Picloram</i>]	
Rayonier: Otago/Southland												
Pre-plant		[Orange bar]										
Plant trees						[Green bar]						
Spot Release									[Blue bar: <i>Terb + Hex</i>]			
Yr 1 Release										[Grey bar: <i>Terbuthylazine + Hexazinone</i>]		
Yr 2 or 3 Rel.										[Grey bar: <i>Salvage operation - Clopyralid + Triclopyr</i>]		
Rayonier: North Canterbury												
Pre-plant		[Orange bar]										
Plant trees						[Green bar]						
Yr 0: Release									[Grey bar: <i>Terb. + Hexazinone</i>]			
Yr 1 or 2: Release									[Grey bar: <i>Clopyralid+ Picloram + Triclopyr</i>]			

^a Release KT contains mix of Terbuthylazine + Hexazinone + Tordon Brushkiller (Picloram + Triclopyr) + Rapid Plus with oxyflurofen removed – this mix is only a small programme on approx. 5% of the spring release programme.

^b Used on sites where residual control is necessary – particularly those that had a broom infestation at the time of pre-plant operations.

^c Usually necessary in Year 2 or 3 at sites that did not receive a spot-spray application.

^d April application generally required only at high altitude sites with areas of native woody weeds.