

KILLARNEY NATIONAL PARK

Control Methods For Rhododendron (*Ponticum*) in Nature Conservation Sites

Direct Stump Treatment



TACKLING SERIOUS INFESTATION OF RHODODENDRON



LOW CUT 2 TO 4 CM REDUCES THE NUMBER OF GROWTH NODES ON STUMPS LEADING TO A BETTER KILL RATE.



DURING DRY WEATHER APPLY HERBICIDE SOLUTION IMMEDIATELY AFTER CUTTING. ADD DYE TO SOLUTION TO INDICATE TREATED STUMPS.



WET ALL VISIBLE AREAS OF CUT STUMP ESPECIALLY CAMBIUM AND BARK.



IN WET WEATHER STUMPS SHOULD BE CUT 15 TO 20 CM HIGH AND RE-CUT IN DRY WEATHER AND TREATED AS ABOVE.



SUCCESSFULLY TREATED STUMPS

VOLUME OF HERBICIDE USED IN DIRECT STUMP TREATMENT

CONCENTRATION H ₂ O: ROUNDUP	VOLUME HERBICIDE PER STUMP (ML)	NUMBER OF STUMPS TREATED PER 5L ROUNDUP	
5:1 (20%)	0.65	765	(AS RECOMMENDED BY MANUFACTURERS)
10:1 (10%)	0.30	1667	(Successfully trialled in KNP)

ADVANTAGES:

Single work phase (weather permitting) | Good kill rate | Low volume of herbicide solution used
No risk of herbicide drift | No soil disturbance | Effective all year round | No standing dead plants
Clean site for follow-up management | Site in recovery after initial work phase

DISADVANTAGES:

Dry weather required | Low cut necessary | Chain damage over stony ground | Not suitable for layering plants

CRITICAL SUCCESS FACTORS:

Dry weather | Low cut | Immediate treatment

This Method Is Recommended For Most Rhododendron Ponticum Situations

For further information contact Peter O'Toole at Killarney National Park :: Phone: 087 6781614.