

**Appendix G**  
**Herbicide Application Guidelines**  
**Near Water**

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**Table 1. Herbicide application buffer widths near water (perennial Streams and Wetlands, and Intermittent Streams and Roadside Ditches with flowing or standing water present) in feet by application methods**

Herbicide	Broadcast Spraying	Focused Spot Spraying <sup>b</sup>	Hand Selective <sup>c</sup>	Comments
<b>Labeled for Aquatic Use</b>				
Aquatic Glyphosate	100	<i>OHWM</i>	<i>OHWM</i>	Aqua Neat, Aquamaster, Glyphos Aquatic, Rodeo with no surfactants
Aquatic Imazapyr	100	<i>OHWM</i>	<i>OHWM</i>	
Aquatic Triclopyr-TEA	100	<i>OHWM</i>	<i>OHWM</i>	
aquatic 2,4-D	100	<i>OHWM</i>	<i>OHWM</i>	
Imazamox	100	<i>OHWM</i>	<i>OHWM</i>	
<b>Low Risk to Aquatic Organisms</b>				
Aminopyralid	100	waterline	waterline	
Dicamba	100	15	15	Using 1 lb/gal application rate with appropriate label restrictions
Fluroxypyr	100	50	15	
Imazapic	100	15	bankfull elevation	
Clopyralid	100	50	15	
Metsulfuron-methyl	100	50	bankfull elevation	
<b>Moderate Risk to Aquatic Organisms</b>				
Dicamba	100	50	15	Using 4 lb/gal application rate with appropriate label restrictions such as Banvel
Sulfometuron-methyl	100	50	15	
Chlorsulfuron	100	50	15	
<b>High Risk to Aquatic Organisms</b>				
Glyphosate	100	100	100	Roundup or other formulations with POEA
Picloram	100	50	50	

<sup>a</sup> Riparian ecosystems are transitional areas between terrestrial and aquatic ecosystems adjacent to streams, lakes, wetlands, springs and reservoirs. These areas exhibit vegetation, soils or physical characteristics reflective of free water at or near the surface. Riparian Conservation Areas (RCAs) are defined as those portions of watersheds where riparian-dependent resources receive primary emphasis, and management activities are subject to specific standards and guidelines. RCAs include traditional riparian corridors, wetlands, intermittent headwater streams, and other areas where proper ecological functioning is crucial to maintenance of the stream's water, sediment, woody debris, and nutrient delivery systems (USDA Forest Service and USDI Bureau of Land Management 1995). RCAs referred to in this document are delineated using guidance outlined in the Sawtooth and Boise Forest Plans.

<sup>b</sup> Focused Spot spraying – hand held nozzles attached to back pack tanks or vehicles and hand pumped sprayers to apply herbicide directly onto small patches or individual plants.

<sup>c</sup> Hand Selective – wicking, wiping, basal bark, hack & squirt, stem injections – all on individual plants