

**APIPP Herbicide Treatment Quick Reference Chart**

Product Name	Active Ingredient	NYS Use Category	Aquatic Labeling?	Labeled Invasive Species <small>(* = Supplemental or 2ee Labeling)</small>	Treatment Methods <small>(* = Supplemental or 2ee Labeling)</small>	Maximum Labeled Rate	Recommended Rate or Dilution	Oz. of Product used in 1 Gallon Solution with Water for Recommended Rate	Maximum Application Rate Per Acre Per Year	Non-ionic Surfactant Required in Foliar Spray?	
Aquamaster <small>(EPA #524-343)</small>	Glyphosate 53.8%	Restricted	Yes	Phragmites	Foliar Spray	0.75%	0.75%	1	8 quarts/acre	Yes	
					Stem Injection*	5mL/stem	50.00%	64			
				Japanese knotweed*	Foliar Spray*	2.00%	2.00%	2.65			
					Stem Injection*	5mL/stem	100.00%	Raw Product			
				Purple Loosestrife	Foliar Spray	1.50%	1.50%	2			
				Yellow Iris*	Stem Injection*	0.5mL/stem	100.00%	Raw Product			
Oriental Bittersweet*	Foliar Spray*	2.00%	2.00%	2.65							
Giant Hogweed*	Stem Injection*	5mL/stem	5.00%	6.4							
Rodeo <small>(EPA #62719-324)</small>	Glyphosate 53.8%	Restricted	Yes	Phragmites	Foliar Spray	0.75%	0.75%	1	8 quarts/acre	Yes	
					Stem Injection	5mL/stem	100.00%	Raw Product			
				Japanese knotweed	Foliar Spray	5.00%	5.00%	6.4			
				Purple Loosestrife	Foliar Spray	1.50%	1.50%	2			
				Garlic Mustard*	Foliar Spray*	2.00%	2.00%	2.65			
				Swallow-wort*	Foliar Spray*	8 quarts/acre	2.00%	2.65			
				Oriental Bittersweet*	Cut-Stump*	50.00%	50.00%	64			
					Foliar Spray*	2.00%	2.00%	2.65			
Giant Hogweed*	Foliar Spray*	1.5 - 3 pints/acre	2.00%	2.65							
Accord Concentrate <small>(EPA #62719-324)</small>	Glyphosate 53.8%	Restricted	Yes	Phragmites	Foliar Spray	0.75%	0.75%	1	8 quarts/acre	Yes	
					Stem Injection	5mL/stem	100.00%	Raw Product			
				Japanese knotweed	Foliar Spray	Not Specified	5.00%	6.4			
				Purple Loosestrife	Foliar Spray	1.50%	1.50%	2			
				Swallow-wort*	Foliar Spray*	2.00%	2.00%	2.65			
Oriental Bittersweet*	Foliar Spray*	Not Specified	2.00%	2.65							
RoundUp Custom <small>(EPA #524-343)</small>	Glyphosate 53.8%	Restricted	Yes	Phragmites	Foliar Spray	0.75%	0.75%	1	8 quarts/acre	Yes	
					Stem Injection	5mL/stem	50.00%	64			
				Japanese knotweed	Stem Injection	5mL/stem	100.00%	Raw Product			
				Purple Loosestrife	Foliar Spray	1.50%	1.50%	2			
				Yellow Iris	Stem Injection	0.5mL/stem	100.00%	Raw Product			
Giant Hogweed	Stem Injection	5mL/stem	5.00%	6.4							
RoundUp Pro <small>(EPA #524-475)</small>	Glyphosate 41%	General	No	Phragmites	Foliar Spray	2.00%	2.00%	2.65	10.6 quarts/acre	No	
					Stem Injection	6mL/stem	100.00%	Raw Product			
				Garlic Mustard	Foliar Spray	3.00%	3.00%	4			
				Swallow-wort*	Foliar Spray*	2.00%	2.00%	2.65			
Giant Hogweed	Stem Injection	6mL/stem	5.00%	6.4							
RoundUp ProMax <small>(EPA #524-579)</small>	Glyphosate 48.7%	General	No	Phragmites	Foliar Spray	1.50%	1.50%	2	7 quarts/acre	No	
					Stem Injection	5mL/stem	100.00%	Raw Product			
				Japanese knotweed	Foliar Spray	1.50%	1.50%	2			
				Swallow-wort*	Foliar Spray*	4.00%	2.00%	5			
				Oriental Bittersweet*	Foliar Spray*	1.50%	1.50%	2			
					Foliar Spray*	1.5 - 3.3 quarts/acre	2.00%	2.65			
Stem Injection*	5mL/stem	5.00%	6.4								
RoundUp Pro Concentrate <small>(EPA #524-529)</small>	Glyphosate 50.2%	General	No	Phragmites	Foliar Spray	1.60%	1.60%	2.1	8.5 quarts/acre	No	
					Stem Injection	5mL/stem	100.00%	Raw Product			
				Japanese knotweed	Foliar Spray	2.00%	2.00%	2.65			
				Oriental Bittersweet	Foliar Spray	2.00%	2.00%	2.65			
Giant Hogweed	Foliar Spray	1.6 - 4 quarts/acre	2.00%	2.65							
	Stem Injection	5mL/stem	5.00%	6.4							
Accord XRT II <small>(EPA #62719-556)</small>	Glyphosate 50.2%	General	No	Phragmites	Foliar Spray	1.50%	1.50%	2	7 quarts/acre	No	
					Stem Injection	5mL/stem	100.00%	Raw Product			
				Japanese knotweed	Foliar Spray	.75 - 3 quarts/acre	5.00%	6.4			
				Garlic Mustard	Foliar Spray	2.00%	2.00%	2.65			
				Swallow-wort*	Foliar Spray*	2.00%	2.00%	2.65			
				Oriental Bittersweet*	Foliar Spray*	1.50%	1.50%	2			
Giant Hogweed	Foliar Spray*	1.5 - 7.5 pints/acre	2.00%	2.65							
	Stem Injection	5mL/stem	5.00%	6.4							
Garlon 4 Ultra <small>(EPA #62719-527)</small>	Triclopyr 60.45%	Restricted	No	Purple Loosestrife	Foliar Spray	1-8 quarts/acre	2.00%	2.65	8 pints/acre	Yes	
					Swallow-wort*	Foliar Spray*	1-8 quarts/acre	2.00%			2.65
					Giant Hogweed*	Foliar Spray*	1-2 quarts/acre	2.00%			2.65
Arsenal Powerline <small>(EPA #241-431)</small>	Imazapyr 26.7%	General	No	Phragmites	Foliar Spray	4 - 6 pints/acre	0.50%	0.6	6 pints/acre	Yes	
					Stem Injection	4 - 6 pints/acre	0.50%	0.6			
				Japanese knotweed	Foliar Spray	4 - 6 pints/acre	0.50%	0.6			
Purple Loosestrife	Foliar Spray	3 - 4 pints/acre	0.50%	0.6							
Arsenal <small>(EPA# 241-346)</small>	Imazapyr 28.7%	General	No	Phragmites	Foliar Spray	3 - 4 pints/acre	0.50%	0.6	6 pints/acre	Yes	
					Stem Injection	3 - 4 pints/acre	0.50%	0.6			
				Japanese knotweed	Foliar Spray	3 - 4 pints/acre	0.50%	0.6			
Purple Loosestrife	Foliar Spray	3 - 4 pints/acre	0.50%	0.6							
Clearcast <small>(EPA #241-437-67690)</small>	Imazamox 12.1%	Restricted	Yes	Phragmites	Foliar Spray	2.00%	2.00%	2.65	1 gallon/acre	Yes	
					Stem Injection	64 - 128 oz./acre	5.00%	6.4			
				Purple Loosestrife	Foliar Spray	32 - 64 oz./acre	0.50%	0.6			
Japanese knotweed	Foliar Spray	64 - 128 oz./acre	5.00%	6.4							
				<b>Key</b>	Phragmites	Purple Loosestrife	Yellow Iris	Oriental Bittersweet			
					Japanese knotweed	Garlic Mustard	Swallow-wort	Giant Hogweed			