

Lane County, Department of Public Works.			
Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorp. sec. (5) a-e			
Product Name	AQUAMASTER	Active Ingredients	GLYPHOSATE 53.8%
Known Inerts	Water 46.2%	Other Additives	Can be mixed or combined
4(a)i : Substances classified as known , likely , or probable carcinogen by the US EPA			EPA Classification: E "Evidence of non-carcinogenicity for humans"
4(a)ii : Substances classified as a known, likely, or probable carcinogen by IARC			Class 4: "Probably Not Carcinogenic to Humans"
4(a)iii : Substances listed by the state of California (Prop 65 list) or the National Toxicology program as know, likely, or probable human carcinogens.			No Cal Prop 65: known, likely or probable human carcinogens.
4(b) : Product contains no reproductive toxicants (CA Prop 65 list).			No Cal Prop 65 listed reproductive toxicants.
4(c) : Product contains no ingredients listed by Illinois EPA as known or probable endocrine disruptors.			Contains no ingredients listed as possible Endocrine Disruptors.
4(d) : Product is not acutely toxic to humans: product is not labeled as DANGER or POISON (Toxicity Class I or II).			Toxicity Class IV: EPA signal word "Caution"
4(e) : Product contains no nervous system toxicants (ingredients that are cholinesterase inhibitors and/or listed as nuerotoxic by the Toxics Release Inventory).			No listed nervous system toxicants or Cholinesterase inhibitors
5(a) : Active ingredient has soil half-life of 30 days or less (<i>exception for minerals</i>)			Soil Half-life: Approx. 40 days
5(b) : Active ingredient has extremely low or very low mobility in soils			Extremely low
5(c) : Product is not found in US EPA of pesticide programs Registration Eligibility Decisions (RED's, IRED's, and TRED's) to exceed a level of concern for fish, Aquatic insects, aquatic and semi-aquatic plants, or wildlife.			Product is not found in EPA decision for RED's, IRED's or TRED's
5(d) : Active ingredients have not been detected in salmon waters at a level harmful to aquatic life			No. Readily soluble in water, low bioaccumulation factor
5(e) : Product is not labeled as toxic to fish, birds, bees, wildlife, or domestic animals.			EPA Classification: "Practically Non-Toxic"
Aquamaster is a post-emergent, systemic herbicide with no residual soil activity. It gives broad-spectrum control of many annual weeds, perennial weeds, woody brush and trees. EPA acute Toxicity rating of "E" or "Evidence of Non-carcinogenicity for Humans" the most favorable rating granted. There are no restrictions on the use of water from treated areas for irrigation, recreation, or domestic purposes when used according to label directions.			
1. Weed / Non-Preferred vegetation: Noxious weeds, invasive species, persistent vegetation, non-herbicide resistant species.			
2. Public Safety: Road visibility, guardrails, road signs, public health, road condition, road shoulder.			O
3. Woody Plant Material: Foliar, cut stump, encroachment, hazard, mechanical resilience.			
4. Road Structure: Drainage, road stability, erosion, integrity.		C	O
5. CIP: maintenance, pre-emergent, restoration.			O
Planned Use Area Colored / Shaded			

Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorp. sec. (5) a-e

Annual, Perennial Species	Annual, Perennial Species	Woody Brush and Trees
<i>Bluegrass, Annual</i>	<i>Beachgrass, European</i>	<i>Alder</i>
<i>Buttercup</i>	<i>Bentgrass</i>	<i>Ash</i>
<i>Crabgrass</i>	<i>Bermudagrass</i>	<i>Birch</i>
<i>Falsedandelion</i>	<i>Bindweed, Field</i>	<i>Blackberry</i>
<i>Knotweed</i>	<i>Bluegrass, Kentucky</i>	<i>Broom; French, Scotch, Spanish</i>
<i>Morningglory</i>	<i>Brackenfern</i>	<i>Elderberry</i>
<i>Mustard (Complex)</i>	<i>Canarygrass, Reed</i>	<i>Elm</i>
<i>Puncturevine</i>	<i>Fescue, Tall</i>	<i>Gorse</i>
<i>Purslane, common</i>	<i>Knapweed</i>	<i>Hawthorn</i>
<i>Ragweed, common</i>	<i>Loosestrife, purple</i>	<i>Locust, Black</i>
<i>Russian Thistle</i>	<i>Poison Hemlock</i>	<i>Poison Oak</i>
<i>Ryegrass</i>	<i>Ryegrass, Perennial</i>	<i>Rose, Multiflora</i>
<i>Sowthistle, Annual</i>	<i>Thistle, Canada</i>	<i>Salmonberry</i>
<i>Speedwell, Purslane</i>	<i>Velvetgrass</i>	<i>Thimbleberry</i>
<i>Spurge, Annual</i>	<i>Wheatgrass, Western</i>	<i>Vine Maple</i>
<i>Starthistle, Yellow</i>		<i>Willow</i>

Manufacturer Information & Contact Information

Manufacturer	Monsanto	EPA Reg. No.	524-343
Product Information Contact	1-800-332-3111	Emergency Contact	1-314-694-4000
	N/A		N/A
	N/A		N/A
	N/A		N/A

Lane County, Department of Public Works.			
Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorp. sec. (5) a-e			
Product Name	HABITAT	Active Ingredients	Isopropylamine Salt of Imazapyr 28.7%
Known Inerts	Total Inerts 71.3%	Other Additives	Can be mixed or combined
4(a)i : Substances classified as known , likely , or probable carcinogen by the US EPA			EPA Classification: "Not Likely to be Carcinogenic to Humans"
4(a)ii : Substances classified as a known, likely, or probable carcinogen by IARC			Class 4: "Probably Not Carcinogenic to Humans"
4(a)iii : Substances listed by the state of California (Prop 65 list) or the National Toxicology program as know, likely, or probable human carcinogens.			No Cal Prop 65: known, lkely or probable human carcinogens.
4(b) : Product contains no reproductive toxicants (CA Prop 65 list).			No Cal Prop 65 listed reproductive toxicants.
4(c) : Product contains no ingredients listed by Illinois EPA as known or probable endocrine disruptors.			Contains no ingredients listed as possible Endocrine Disruptors.
4(d) : Product is not acutely toxic to humans: product is not labeled as DANGER or POISON (Toxicity Class I or II).			Toxicity Class IV: EPA Signal word "Caution"
4(e) : Product contains no nervous system toxicants (ingredients that are cholinesterase inhibitors and/or listed as nuerotoxic by the Toxics Release Inventory).			No listed nervous system toxicants or Cholinesterase inhibitors
5(a) : Active ingredient has soil half-life of 30 days or less (<i>exception for minerals</i>)			Soil Half-Life: 60-120 days. Average 90 days
5(b) : Active ingredient has extremely low or very low mobility in soils			Low soil mobility, Microbial degradation in soils
5(c) : Product is not found in US EPA of pesticide programs Registration Eligibility Decisions (RED's, IRED's, and TRED's) to exceed a level of concern for fish, Aquatic insects, aquatic and semi-aquatic plants, or wildlife.			Product is not found in EPA decision for RED's, IRED's or TRED's
5(d) : Active ingredients have not been detected in salmon waters at a level harmful to aquatic life			Aquatic labeled herbicide. No Salmon Information detected.
5(e) : Product is not labeled as toxic to fish, birds, bees, wildlife, or domestic animals.			EPA Classification: "Practically Non-Toxic"
Habitat herbicide will control most annual and perennial grasses and broadleaf weeds in addition to many brush and vine species with some residual control of undesirable species that germinate above the waterline. Habitat herbicide also controls floating and emergent vegetation. Habitat may be applied to aquatic sites to control weeds and invasive species. Habitat herbicide is considered a true "low-Volume herbicide"			
1. Weed / Non-Preferred vegetation: Noxious weeds, invasive species, persistent vegetation, non-herbicide resistant species.			O
2. Public Safety: Road visibility, guardrails, road signs, public health, road condition, road shoulder.			O
3. Woody Plant Material: Foliar, cut stump, encroachment, hazard, mechanical resiliance.			
4. Road Structure: Drainage, road stability, erosion, integrity.		C	O
5. CIP: maintenance, pre-emergent, restoration.			O
		planned use area is shaded/ colored	

Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorp. sec. (5) a-e

Annual, Perennial Species	Grass, Sedge, Rush Species	Woody Brush and Trees
<i>Poison Hemlock</i>	<i>Reed Canary Grass</i>	<i>Willow</i>
<i>Purple Loosestrife</i>	<i>Crabgrass</i>	<i>Ash</i>
<i>Burdock</i>	<i>Annual Bluegrass</i>	<i>Bigleaf Maple</i>
<i>Bindweeds</i>	<i>Brome spp.</i>	<i>Black Locust</i>
<i>Common Chickweed</i>	<i>Fescue</i>	<i>Cherry</i>
<i>Fleabane</i>	<i>Foxtail</i>	<i>Dogwood</i>
<i>Miners lettuce</i>	<i>Kentucky Bluegrass</i>	<i>Hawthorn</i>
<i>Oxeye daisy</i>	<i>Orchardgrass</i>	<i>Honeylocust</i>
<i>Puncturevine</i>	<i>Morningglory</i>	<i>Oak</i>
<i>Russian Thistle</i>		<i>Poplar</i>
<i>Bull Thistle</i>		<i>Red Alder</i>
<i>Knotweeds</i>		<i>Poison Oak / IVY</i>
<i>Spurge, annual</i>		<i>Multiflora Rose</i>
<i>Yellow /starthistle</i>		
<i>Milkweed</i>		
<i>Nightshade</i>		

Manufacturer Information & Contact Information

Manufacturer	BASF Corporation	EPA Reg. No.	241-426
Product Information Contact	www.vmanswers.com	Emergency Contact	1-800-832-HELP
	N/A		N/A
	N/A		N/A
	N/A		N/A

**Lane County, Department of Public Works.
Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorp. sec. (5) a-e**

Product Name	GARLON 3A	Active Ingredients	TRICLOPYR 44.4%
Known Inerts	Ethanol, Triethylamine, EDTA 55.6%	Other Additives	Can be mixed or combined
4(a) i : Substances classified as known , likely , or probable carcinogen by the US EPA			EPA Classification: "Not Likely to be Carcinogenic to Humans"
4(a)ii : Substances classified as a known, likely, or probable carcinogen by IARC			Class 4: "Probably Not Carcinogenic to Humans".
4(a)iii : Substances listed by the state of California (Prop 65 list) or the National Toxicology program as know, likely, or probable human carcinogens.			No Cal Prop 65: known, likely or probable human carcinogens.
4(b) : Product contains no reproductive toxicants (CA Prop 65 list).			No Cal Prop 65 listed reproductive toxicants.
4(c) : Product contains no ingredients listed by Illinois EPA as known or probable endocrine disruptors.			Contains no ingredients listed as possible Endocrine Disruptors.
4(d) : Product is not acutely toxic to humans: product is not labeled as DANGER or POISON (Toxicity Class I or II).			Toxicity Class IV: EPA signal word "Caution"
4(e) : Product contains no nervous system toxicants (ingredients that are cholinesterase inhibitors and/or listed as nuerotoxic by the Toxics Release Inventory).			No listed nervous system toxicants or Cholinesterase Inhibitors
5(a) : Active ingredient has soil half-life of 30 days or less (<i>exception for minerals</i>)			Soil Half-Life: 30-120 days, Average 75 days.
5(b) : Active ingredient has extremely low or very low mobility in soils			Moderate mobility
5(c) : Product is not found in US EPA of pesticide programs Registration Eligibility Decisions (RED's, IRED's, and TRED's) to exceed a level of concern for fish, Aquatic insects, aquatic and semi-aquatic plants, or wildlife.			Product is not found in EPA decision for RED's, IRED's or TRED's
5(d) : Active ingredients have not been detected in salmon waters at a level harmful to aquatic life			Solubility in water: miscible. No Salmon Information detected
5(e) : Product is not labeled as toxic to fish, birds, bees, wildlife, or domestic animals.			Herbicide is slightly toxic to aquatic organisms on acute basis

Garlon 3A herbicide is recommended for the control of woody plants, broadleaf weeds and vines. Use rates vary from 2 qt. an acre to 8 qt. an acre depending on plant densities. Garlon 3A can be used for both direct and foliar applications, depending on site conditions and management objectives.

1. Weed / Non-Preferred vegetation: Noxious weeds, invasive species, persistent vegetation, non-herbicide resistant species.	B	O
2. Public Safety: Road visibility, guardrails, road signs, public health, road condition, road shoulder.	B	O
3. Woody Plant Material: Foliar, cut stump, encroachment, hazard, mechanical resilience.	B	O
4. Road Structure: Drainage, road stability, erosion, integrity.	B	C
5. CIP: maintenance, pre-emergent, restoration.	B	O
<i>planned use area is shaded/ colored</i>		

Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorpor. sec. (5) a-e

Annual, Perennial Species	Grass, Sedge, Rush Species	Woody Brush and Trees
<i>Bindweeds</i>		<i>Alder</i>
<i>Burdock</i>		<i>Ash</i>
<i>Canada Thistle</i>		<i>Birch</i>
<i>Chicory</i>		<i>Blackberry</i>
<i>Dandelion</i>		<i>Cherry</i>
<i>Plantain</i>		<i>Chinquapin</i>
<i>Purple Loosestrife</i>		<i>Choke Cherry</i>
<i>Tansy Ragwort</i>		<i>Cottonwood</i>
<i>Vetch</i>		<i>Hawthorn</i>
		<i>Douglas Fir</i>
		<i>Elderberry</i>
		<i>Locust</i>
		<i>Kudzu</i>
		<i>Maples</i>
		<i>Poison Oak</i>
		<i>Scotch Broom</i>

Manufacturer Information & Contact Information

Manufacturer	DOW Agrosciences	EPA Reg. No.	62719-37
Product Information Contact	1-800-258-1470	Emergency Contact	1-800-992-5994
000060-00-4		Ethylenediamine (Tetraacetic acid) 2.3%	
000064-17-5		Ethanol	
000121-44-8		Triethylamine 3%	



Lane County, Department of Public Works.			
Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorpor. sec. (5) a-e			
Product Name	MILESTONE	Active Ingredients	AMINOPYRALID 40.6%
Known Inerts	Total Inerts 59.4%	Other Additives	Can be mixed or combined
4(a) i : Substances classified as known , likely , or probable carcinogen by the US EPA			EPA Classification: "Not Likely to be Carcinogenic to Humans"
4(a)ii : Substances classified as a known, likely, or probable carcinogen by IARC			Class 4: "Probably Not Carcinogenic to Humans"
4(a)iii : Substances listed by the state of California (Prop 65 list) or the National Toxicology program as know, likely, or probable human carcinogens.			No Cal Prop 65: known, likely or probable human carcinogens.
4(b) : Product contains no reproductive toxicants (CA Prop 65 list).			No Cal Prop 65 listed reproductive toxicants.
4(c) : Product contains no ingredients listed by Illinois EPA as known or probable endocrine disruptors.			Contains no ingredients listed as possible Endocrine Disruptors.
4(d) : Product is not acutely toxic to humans: product is not labeled as DANGER or POISON (Toxicity Class I or II).			Toxicity Class IV: EPA signal word "Caution"
4(e) : Product contains no nervous system toxicants (ingredients that are cholinesterase inhibitors and/or listed as nuerotoxic by the Toxics Release Inventory).			No listed nervous system toxicants or Cholinesterase Inhibitors
5(a) : Active ingredient has soil half-life of 30 days or less (<i>exception for minerals</i>)			Soil Half-Life: Approx 34.5 Days.
5(b) : Active ingredient has extremely low or very low mobility in soils			Some potential (Koc 10.8 L/Kg)
5(c) : Product is not found in US EPA of pesticide programs Registration Eligibility Decisions (RED's, IRED's, and TRED's) to exceed a level of concern for fish, Aquatic insects, aquatic and semi-aquatic plants, or wildlife.			Product is not found in EPA decision for RED's, IRED's or TRED's
5(d) : Active ingredients have not been detected in salmon waters at a level harmful to aquatic life			No information detected
5(e) : Product is not labeled as toxic to fish, birds, bees, wildlife, or domestic animals.			EPA Classification: "Practically non-toxic"
<p>Milestone herbicide is a new liquid formulation herbicide designed and developed specifically to control noxious and invasive broadleaf species and other problem weeds. Milestone contains 2 pounds of active ingredient per gallon. Labeled weeds can be controlled at rates from 4 to 7 fluid ounces per acre. Milestone controls many weeds at rates substantially lower than currently registered herbicides.</p>			
1. Weed / Non-Preferred vegetation: Noxious weeds, invasive species, persistent vegetation, non-herbicide resistant species.			
2. Public Safety: Road visibility, guardrails, road signs, public health, road condition, road shoulder.		O	
3. Woody Plant Material: Foliar, cut stump, encroachment, hazard, mechanical resilience.		A	B
		C	O
4. Road Structure: Drainage, road stability, erosion, integrity.		O	
5. CIP: maintenance, pre-emergent, restoration.		O	
<i>planned use area is shaded/ colored</i>			

Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorpor. sec. (5) a-e

Annual, Perennial Species	Grass, Sedge, Rush Species	Woody Brush and Trees
<i>Common, Burdock</i>		
<i>Chicory</i>		
<i>Daisy, Oxeye</i>		
<i>Dock, Curly</i>		
<i>Fireweed</i>		
<i>Hawkweed, Orange</i>		
<i>Knapweed, Diffuse</i>		
<i>Knapweed, Russian</i>		
<i>Knapweed, Spotted</i>		
<i>Knapweed, Meadow</i>		
<i>Ragwort, Tansy</i>		
<i>Starthistle, Yellow</i>		
<i>Thistle, Bull</i>		
<i>Thistle, Canada</i>		
<i>Thistle, Musk</i>		
<i>Bindweed, Nightshade</i>		

Manufacturer Information & Contact Information

Manufacturer	Dow Agrosciences	EPA Reg. No.	62719-519
Product Information Contact	www.dowagro.com	Emergency Contact	1-800-992-5994
	N/A		N/A
	N/A		N/A
	N/A		N/A

Lane County, Department of Public Works.				
Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorp. sec. (5) a-e				
Product Name	OUST EXTRA	Active Ingredients	Sulfometuron Methyl 56.25% / Metsulfuron Methyl 15%	
Known Inerts	Total Inerts 28.75%	Other Additives	Can be mixed or combined	
4(a) i : Substances classified as known , likely , or probable carcinogen by the US EPA			EPA Classification: "Not Likely to be Carcinogenic to Humans"	
4(a)ii : Substances classified as a known, likely, or probable carcinogen by IARC			Class 4: "Probably Not Carcinogenic to Humans"	
4(a)iii : Substances listed by the state of California (Prop 65 list) or the National Toxicology program as know, likely, or probable human carcinogens.			No Cal Prop 65: known, likely or probable human carcinogens.	
4(b) : Product contains no reproductive toxicants (CA Prop 65 list).			No Cal Prop 65 listed reproductive toxicants.	
4(c) : Product contains no ingredients listed by Illinois EPA as known or probable endocrine disruptors.			Contains no Ingredients listed as possible Endocrine Disruptors.	
4(d) : Product is not acutely toxic to humans: product is not labeled as DANGER or POISON (Toxicity Class I or II).			Toxicity Class IV: EPA Signal word "Caution"	
4(e) : Product contains no nervous system toxicants (ingredients that are cholinesterase inhibitors and/or listed as nuerotoxic by the Toxics Release Inventory).			No listed nervous system toxicants or Chollnesterase inhibitors	
5(a) : Active ingredient has soil half-life of 30 days or less (<i>exception for minerals</i>)			Soil Half-Life: Approx 45 Days.	
5(b) : Active ingredient has extremely low or very low mobility in soils			Moderate mobility	
5(c) : Product is not found in US EPA of pesticide programs Registration Eligibility Decisions (RED's, IRED's, and TRED's) to exceed a level of concern for fish, Aquatic insects, aquatic and semi-aquatic plants, or wildlife.			Product is not found in EPA decision for RED's, IRED's or TRED's	
5(d) : Active ingredients have not been detected in salmon waters at a level harmful to aquatic life			Dispersable in Water. No found information on Salmon waters	
5(e) : Product is not labeled as toxic to fish, birds, bees, wildlife, or domestic animals.			EPA Classification: "Practically Non-Toxic to non-aquatic species". Toxic to aquatic species.	
<p>Oust Extra Herbicide controls many annual and perennial grasses and broadleaf weeds, It may also be used to control hardwoods and vines. Herbaceous weeds are controlled by both pre-emergence and post-emergence activity. Oust Extra is recommended to control weeds on un-improved turf and roadsides, where turf is well established as a ground cover. Applications may temporarily suppress grass growth and inhibit seed head production.</p>				
<p>1. Weed / Non-Preferred vegetation: Noxious weeds, invasive species, persistent vegetation, non-herbicide resistant species.</p>		B	C	O
<p>2. Public Safety: Road visibility, guardrails, road signs, public health, road condition, road shoulder.</p>		B	C	O
<p>3. Woody Plant Material: Foliar, cut stump, encroachment, hazard, mechanical resilience.</p>		B		O
<p>4. Road Structure: Drainage, road stability, erosion, integrity.</p>		B	C	O
<p>5. CIP: maintenance, pre-emergent, restoration.</p>		B		O
<i>planned use area is shaded/ colored</i>				

Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorp. sec. (5) a-e

Annual, Perennial Species	Annual, Perennial Species	Woody Brush and Trees
<i>Annual Bluegrass</i>	<i>Hairy Vetch</i>	<i>Blackberry</i>
<i>Chicory</i>	<i>Hop Clover</i>	<i>Gorse</i>
<i>Clover</i>	<i>Houndstongue</i>	<i>Honeysuckle</i>
<i>Common Chickweed</i>	<i>Oxeye daisy</i>	<i>Multiflora Rose</i>
<i>Common Groundsel</i>	<i>Poison Hemlock</i>	<i>Snowberry</i>
<i>Common Purslane</i>	<i>Prostrate knotweed</i>	<i>Ash</i>
<i>Common Ragweed</i>	<i>Reed Canarygrass</i>	<i>Cherry</i>
<i>Common Speedwell</i>	<i>Tansy Ragwort</i>	<i>Dogwood</i>
<i>Common Tansy</i>	<i>Teasel</i>	<i>Elms</i>
<i>Common Vetch</i>	<i>Thistle</i>	<i>Hawthorn</i>
<i>Common Yarrow</i>	<i>Wild Mustard</i>	<i>Persimmon</i>
<i>Crabgrass</i>		<i>Red Maple</i>
<i>Dandelion</i>		<i>Vaccinium</i>
<i>Fescue</i>		
<i>Fireweed</i>		
<i>Field Pennycress</i>		

Manufacturer Information & Contact Information

Manufacturer	DuPont	EPA Reg. No.	352-622
Product Information Contact	1-800-44-7515	Emergency Contact	1-800-441-3637
74223-64-6		Metsulfuron Methyl 15%	
N/A		N/A	