

Atrazine products which include and which do not include "terraced field" standpipe setback language on their labels

Minnesota Department of Agriculture, 1-7-09

Atrazine products differ in the label language they use to describe application setback requirements for tile-outletted fields with standpipes. Approximately 70% of atrazine products reference "terraced fields" on their labels and 30% do not.

When "terraced fields" are referenced on the label, then the application restrictions only apply to standpipes in fields which are terraced. If "terraced fields" is not referenced, then the application restrictions apply to all standpipes, whether they are in fields which are terraced or not.

The Minnesota Department of Agriculture (MDA) interprets references to "standpipes" on atrazine labels to include all surface tile inlets, including open inlets, slotted riser pipes, and rock inlets.

Examples of label language which reference and do not reference "terraced fields" are given below:

A) Tile-Outletted Terraced Fields Containing Standpipes (70% of labels use this language)

One of the following restrictions must be used in applying atrazine to tile-terraced fields containing standpipes:

1. Do not apply this product within 66 feet of standpipes in tile-outletted terraced fields.
2. Apply this product to the entire tile-outletted terraced field and immediately incorporate it to a depth of 2-3 inches in the entire field.
3. Apply this product to the entire tile-outletted terraced field under a no-till practice only when a high crop residue management practice is practiced. High crop residue management is described as a crop management practice where little or no crop residue is removed from the field during and after crop harvest.

B) Tile-Outletted Fields Containing Standpipes (30% of labels use this language)

One of the following restrictions must be used in applying this product to tile-outletted fields containing standpipes:

1. Do not apply this product within 66 feet of standpipes in tile-outletted fields.
2. Apply this product to the entire tile-outletted field and immediately incorporate it to a depth of 2-3 inches in the entire tile-outletted field.
3. Apply this product to the entire tile-outletted field under a no-till practice only when high crop residue management practices are used. High crop residue management is described as a crop management practice where little or no crop residue is removed from the field during or after crop harvest.

Voluntary Water Quality Best Management Practices (BMPs) developed by the Minnesota Department of Agriculture for atrazine recommends that application setbacks and vegetated buffers be adopted around all surface tile inlets, whether they are in fields which are terraced or not. The BMPs are available at: www.mda.state.mn.us/herbicidebmps.

A listing of atrazine products which include and which do not include "terraced field" standpipe setback language on their labels is given on the following pages:

Atrazine products which include and which do not include "terraced field" standpipe setback language on their labels

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Atrazine Product	Registrant	EPA Reg. No.	"Terraced" on label	"Terraced" not on label
Aatrex 4L	Syngenta	100-497	X	
Aatrex Nine-O	Syngenta	100-585	X	
Atrazine 4L	Albaugh	42750-45		X
Atrazine 4L	Drexel	19713-11	X	
Atrazine 4L	Helena	5905-470	X	
Atrazine 4L	Helena	100-497-5905	X	
Atrazine 4L	Loveland	34704-69	X	
Atrazine 4L	Makhteshim	66222-36	X	
Atrazine 4L	Sipcam	35915-4-60063	X	
Atrazine 4L	Tenkoz	42750-45-55467		X
Atrazine 4L	Tenkoz	66222-36-55467		X
Atrazine 4L	Tenkoz	100-497-55467	X	
Atrazine 4L	United Suppliers	33270-10	X	
Atrazine 4L	Van Diest	11773-1	X	
Atrazine 4L	Winfield Solutions	1381-158	X	
Atrazine 90	Drexel	19713-76	X	
Atrazine 90	Helena	100-585-5905	X	
Atrazine 90	Loveland	34704-622		X
Atrazine 90	Makhteshim	66222-37	X	
Atrazine 90	Sipcam	35915-3-60063	X	
Atrazine 90	Tenkoz	35915-3-55467	X	
Atrazine 90	Tenkoz	100-585-55467	X	
Atrazine 90	Universal	1386-660-72693		X
Atrazine 90	VanDiest	11773-13		X
Atrazine 90	Winfield Solutions	9779-253	X	
Axiom AT	Bayer	264-769	X	
Banvel-K + Atrazine	Arysta	66330-286	X	
Bicep II Magnum	Syngenta	100-817	X	
Bicep II Magnum FC	Syngenta	100-817	X	
Bicep Lite II Magnum	Syngenta	100-827	X	
Brawl II ATZ	Tenkoz	100-817-55467	X	
Brawn	Syngenta	100-1165	X	
Breakfree ATZ	Dupont	352-724		X
Breakfree ATZ Lite	Dupont	352-723		X
Brozine	Loveland	34704-892	X	
Buctril + Atrazine	Bayer	264-477	X	
Bullet	Monsanto	524-418	X	

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Atrazine Product	Registrant	EPA Reg. No.	"Terraced" on label	"Terraced" not on label
Cinch ATZ	Dupont	352-624	X	
Cinch ATZ	Dupont	100-817-352	X	
Cinch ATZ Lite	Dupont	100-827-352	X	
Cinch ATZ Lite	Dupont	352-623	X	
Confidence Xtra	Winfield Solutions	524-480	X	
Confidence Xtra 5.6	Winfield Solutions	524-485	X	
Degree Xtra	Monsanto	524-511	X	
Dicambazine	Albaugh	42750-41		X
Establish ATZ	Tenkoz	7969-192-55467	X	
Establish Lite	Tenkoz	7969-200-55467	X	
Expert	Syngenta	100-1161	X	
Fieldmaster	Monsanto	524-497	X	
Ful Time	Dow Agro	62719-371	X	
G-Max Lite	BASF	7969-200	X	
Guardman Max	BASF	7969-192	X	
Harness Xtra 5.6	Monsanto	524-485	X	
Harness Xtra	Monsanto	524-480	X	
Keystone	Dow Agro	62719-368	X	
Keystone LA	Dow Agro	62719-479	X	
Lariat	Monsanto	524-329	X	
Lexar	Syngenta	100-1201	X	
Lumax	Syngenta	100-1152	X	
Marksman	BASF	7969-136		X
Medal II AT	Syngenta	100-1165	X	
Overtime ATZ	Helena	62719-368-5905		X
Overtime ATZ Lite	Helena	62719-479-5905		X
Propel ATZ	Rosen's	7969-192-32938	X	
Propel ATZ Lite	Rosen's	7969-200-32938	X	
Rifle Plus	Loveland	34704-860		X
Shotgun	Loveland	34704-728		X
Stalwart Xtra	Sipcam	60063-23		X
Steadfast ATZ	Dupont	352-619	X	
Sterling Plus	Winfield Solutions	51036-307-9779	X	
Stratos Dicamba + Atrazine	Gharda	33658-16	X	
Tremor AT Lite	United Suppliers	33270-14		X
Volley ATZ	Tenkoz	55467-7	X	
Volley ATZ Lite	Tenkoz	55467-6	X	

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Reference to commercial products or trade names does not imply endorsement by MDA.
Product listing may not be current or all inclusive. Product labels are the final authority.
Contact 651-201-6292 for information.