

**Table 2. Herbicides with groundwater advisories related to permeable (coarse-textured) soils and shallow groundwater. List includes herbicides from 2010 and 2011 Corn and Soybean Herbicide Evaluations.**

Trade name	Chemical name(s) <sup>1</sup>
Aatrex, others	atrazine
Boundary	<b>S-metolachlor + metribuzin</b>
Cadet	fluthiacet
Camix	mesotrione + <b>S-metolachlor</b>
Capreno	thiencarbazone + <b>tembotrione</b>
Cobra/Phoenix	lactofen
Dual	S-metolachlor
FirstRate	cloransulam
Flexstar	fomesafen
Fusion	fenoxaprop + <b>fluazifop</b>
Gangster	flumioxazin + <b>cloransulam</b>
Halex GT	<b>S-metolachlor</b> + glyphosate + mesotrione
Hornet	flumetsulam + clopyralid
Laudis	tembotrione
Lumax	<b>S-metolachlor + atrazine</b> + mesotrione
Optill	<b>imazethypyr + saflufenacil</b>
Permit	halosulfuron
Prefix (S. MN)	<b>S-metolachlor + fomesafen</b>
Pursuit	imazethypyr
Sencor	metribuzin
Sharpen	saflufenacil
Ultra Blazer	acifluorfen

<sup>1</sup>Chemical names in **bold** in herbicide combinations trigger environmental advisory.

*Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by the University of Minnesota or Dakota County is implied. Information provided is not intended to replace actual local groundwater knowledge.*

For more information, visit [www.dakotacounty.us](http://www.dakotacounty.us) and search *agriculture*. Please contact Phyllis Bongard at University of Minnesota Extension-Dakota County at 651-480-7757 or by e-mail at [bonga028@umn.edu](mailto:bonga028@umn.edu).

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