

## SMALL GRAIN PRE-HARVEST WEED CONTROL

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs																									
Glyphosate <sup>9</sup> <b>For HRS, Durum and Winter Wheat and Feed Barley Only.</b>	Up to 0.75 lb ae <b>See Remarks.</b>	Annual and perennial grass and broadleaf weeds including Canada thistle.	Wheat and barley: Hard-dough stage, 30% or less grain moisture.  Allow a 7 day PHI.	<table border="0"> <tr> <td><u>lb ae/gal</u></td> <td><u>lb ai/gal</u></td> <td><u>0.38 ae</u></td> <td><u>0.57 ae</u></td> <td><u>0.75 ae</u></td> </tr> <tr> <td>3</td> <td>4</td> <td>= 16 fl oz</td> <td>24 fl oz</td> <td>32 fl oz</td> </tr> <tr> <td>4/4.17</td> <td>5.4/5.1</td> <td>= 12 fl oz</td> <td>18 fl oz</td> <td>24 fl oz</td> </tr> <tr> <td>4.5</td> <td>5.5</td> <td>= 11 fl oz</td> <td>16 fl oz</td> <td>22 fl oz</td> </tr> <tr> <td>5</td> <td>6.1</td> <td>= 10 fl oz</td> <td>15 fl oz</td> <td>20 fl oz</td> </tr> </table> <p>Do not apply more than 0.75 lb ae/season. <b>Do not apply on wheat or barley grown for seed because reduced germination/vigor may occur.</b> Apply 0.75 lb ae/A for Canada thistle control. May be applied with 2,4-D or dicamba for improved broadleaf weed control. Add AMS fertilizer at 8.5 lb/100 gal. Refer to label for adjuvant use and application information. A3-7 B2 B8</p>	<u>lb ae/gal</u>	<u>lb ai/gal</u>	<u>0.38 ae</u>	<u>0.57 ae</u>	<u>0.75 ae</u>	3	4	= 16 fl oz	24 fl oz	32 fl oz	4/4.17	5.4/5.1	= 12 fl oz	18 fl oz	24 fl oz	4.5	5.5	= 11 fl oz	16 fl oz	22 fl oz	5	6.1	= 10 fl oz	15 fl oz	20 fl oz
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2,4-D <sup>4</sup> ester <b>For HRS, Durum, and Winter Wheat, Barley, and Rye</b>	<b>1.5 to 3 pt 4EC/SL</b> (0.75 to 1.5 lb)	Broadleaf weeds.	Wheat and oat: Dough stage to harvest.  Allow a 14 day PHI.	Do not feed straw to livestock. Use only 2,4-D brands labeled for preharvest application. Drift to broadleaf crops is especially hazardous at this time. B3																									
Dicamba <sup>4</sup> + 2,4-D <sup>4</sup> <b>For HRS, Durum, and Winter Wheat Only</b>	<b>0.5 to 1 pt 4SL + 1 to 2 pt 4EC/SL</b> (0.25 to 0.5 lb + 0.5 to 1 lb)		Wheat: Hard-dough stage and green color is gone from the nodes (joints) of the stem.  Allow a 7 day PHI.	Do not feed treated straw to livestock. Drift to broadleaf crops is especially hazardous at this time. A3 A7 B6 C4																									
<b>Sharpen</b> (saflufenacil <sup>14</sup> ) <b>For HRS, Durum, and Winter Wheat Barley and Triticale Only</b>	<b>1 to 2 fl oz</b> (0.36 to 0.72 oz)	Annual broadleaf weeds.	Wheat: Hard-dough stage and grain with less than 30% moisture.  Allow a 3 day PHI.	<b>Do not apply Sharpen to cereals grown for seed because reduced germination/vigor may occur.</b> Apply with MSO adjuvant at 1.5 pt/A + AMS at 8.5 to 17 lbs/100 gal or 28% N at 1.25 to 2.5 gal/100 gal. Apply with glyphosate for additional weed control weed and desiccation. Sharpen has no grass activity. Refer to label for crop rotation intervals. <b>Caution: MRL's may change and growers/exporters are responsible for checking a reliable database to ensure an MRL is in effect prior to export.</b> B12																									
<b>Valor SX</b> <b>Valor EZ +</b> MSO adjuvant (flumioxazin <sup>14</sup> ) <b>For HRS, Durum, and Winter Wheat Only</b>	<b>2 oz WDG</b> <b>2 fl oz EZ +</b> 2 pt (1.02 oz)	Annual broadleaf weeds.	Wheat: Hard dough stage and grain with less than 30% moisture.  Allow 10 day PHI	Apply with MSO adjuvant at 2 pt/A. Spray grade nitrogen source (AMS at 2.5 lb/A or 28% or 32% nitrogen solution at 2-4 pt/A) may be added to spray mixture with MSO. Tank mix with glyphosate to increase control of emerged weeds and aid in harvest.																									