

# Publication 75, Guide to Weed Control 2008-2009

Ontario Ministry of Agriculture, Food and Rural Affairs

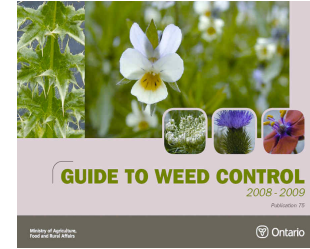


TABLE 9-2. ADDITIONAL WEED CONTROL RATINGS FOR CORN (FIELD, SEED AND SWEET)

| TRADE NAME                               | VOLUNTEER CROPS          |                   | GRASSES |             |                   | ANNUAL AND BIENNIAL BROADLEAVES |                   |                   |                   |                  |            |                    |                 |                      |           |             | PERENNIALS           |             |         |               |                |
|--|--------------------------|-------------------|---------|-------------|-------------------|---------------------------------|-------------------|-------------------|-------------------|------------------|------------|--------------------|-----------------|----------------------|-----------|-------------|----------------------|-------------|---------|---------------|----------------|
|  | adzuki beans (volunteer) | wheat (volunteer) | sandbur | stink grass | tufted love grass | bur-cucumber                    | biennial wormwood | chickweed, common | flower of an hour | lettuce, prickly | nipplewort | spreading atriplex | swamp smartweed | three seeded mercury | waterhemp | wild carrot | wood-sorrel (oxalis) | horsenettle | red top | vetch, tufted | wirestem muhly |
| <b>Soil Applied Grass Herbicides</b>     |                          |                   |         |             |                   |                                 |                   |                   |                   |                  |            |                    |                 |                      |           |             |                      |             |         |               |                |
| DUAL II MAGNUM                           | ?                        | ?                 | 5       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | ?                    | 6         | ?           | ?                    | ?           | ?       | ?             | ?              |
| FRONTIER                                 | ?                        | ?                 | 5       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | ?                    | 6         | ?           | ?                    | ?           | ?       | ?             | ?              |
| PROWL                                    | ?                        | 6                 | 6       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | ?                    | ?         | ?           | ?                    | ?           | ?       | ?             | ?              |
| <b>Soil Applied Broadleaf Herbicides</b> |                          |                   |         |             |                   |                                 |                   |                   |                   |                  |            |                    |                 |                      |           |             |                      |             |         |               |                |
| atrazine*                                | ?                        | 2                 | ?       | ?           | ?                 | 5                               | ?                 | 9                 | ?                 | ?                | ?          | ?                  | 2               | 9                    | 0         | ?           | 9                    | ?           | ?       | ?             | ?              |
| CALLISTO + atrazine                      | ?                        | 2                 | ?       | ?           | ?                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | 4               | 9                    | 9         | ?           | ?                    | ?           | 0       | ?             | 0              |
| MARKSMAN                                 | ?                        | 2                 | ?       | ?           | ?                 | 5                               | ?                 | 9                 | ?                 | ?                | ?          | 6                  | 3               | 9                    | 8         | ?           | 9                    | ?           | ?       | ?             | ?              |

| TRADE NAME   | VOLUNTEER CROPS          |                   | GRASSES |             |                   | ANNUAL AND BIENNIAL BROADLEAVES |                   |                   |                   |                  |            |                    |                 |                      |           |             |                      | PERENNIALS  |         |               |                |
|--|--------------------------|-------------------|---------|-------------|-------------------|---------------------------------|-------------------|-------------------|-------------------|------------------|------------|--------------------|-----------------|----------------------|-----------|-------------|----------------------|-------------|---------|---------------|----------------|
|  | adzuki beans (volunteer) | wheat (volunteer) | sandbur | stink grass | tufted love grass | bur-cucumber                    | biennial wormwood | chickweed, common | flower of an hour | lettuce, prickly | nipplewort | spreading atriplex | swamp smartweed | three seeded mercury | waterhemp | wild carrot | wood-sorrel (oxalis) | horsenettle | red top | vetch, tufted | wirestem muhly |
| <b>Soil Applied Grass and Broadleaf Herbicides</b> |                          |                   |         |             |                   |                                 |                   |                   |                   |                  |            |                    |                 |                      |           |             |                      |             |         |               |                |
| BATTALION <sup>1</sup>                             | ?                        | 8                 | 8       | ?           | ?                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | ?                    | ?         | ?           | ?                    | ?           | ?       | ?             | ?              |
| CONVERGE <sup>1</sup>                              | ?                        | 2                 | 6       | ?           | ?                 | 5                               | ?                 | 9                 | ?                 | ?                | ?          | 7                  | 4               | 9                    | 9         | ?           | 9                    | ?           | ?       | ?             | ?              |
| PRIMEXTRA II MAGNUM                                | ?                        | 2                 | 6       | ?           | ?                 | 5                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | ?                    | 9         | ?           | ?                    | ?           | ?       | ?             | ?              |
| <b>Postemergence Grass Herbicides</b>              |                          |                   |         |             |                   |                                 |                   |                   |                   |                  |            |                    |                 |                      |           |             |                      |             |         |               |                |
| ACCENT   | ?                        | 7 <sup>c</sup>    | 7       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | ?                    | ?         | ?           | ?                    | ?           | 8       | ?             | 6              |
| OPTION 2.25 OD                                     | ?                        | 7 <sup>c</sup>    | 9       | ?           | ?                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | ?                    | ?         | ?           | ?                    | ?           | 9       | ?             | 9              |
| ULTIM  | ?                        | 7 <sup>c</sup>    | 8       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | ?                    | ?         | ?           | ?                    | ?           | 9       | ?             | 6              |
| <b>Postemergence Broadleaf Herbicides</b>          |                          |                   |         |             |                   |                                 |                   |                   |                   |                  |            |                    |                 |                      |           |             |                      |             |         |               |                |
| atrazine* + oil                                    | ?                        | 2                 | ?       | ?           | ?                 | 5                               | 8                 | 9                 | 7                 | ?                | 9          | 2                  | 0               | 9                    | 0         | 2           | 9                    | ?           | ?       | ?             | ?              |
| BANVEL II, ORACLE                                  | ?                        | 0                 | ?       | ?           | ?                 | 2                               | 9                 | 9                 | 9                 | 8                | 9          | 7                  | 6               | 7                    | 9         | 6           | 9                    | ?           | ?       | 8             | ?              |
| CALLISTO + atrazine                                | 9                        | 2                 | ?       | ?           | ?                 | 4                               | ?                 | ?                 | ?                 | ?                | 6          | 5                  | ?               | 0                    | 9         | 8           | ?                    | ?           | 0       | 6             | 0              |
| DISTINCT   | ?                        | ?                 | ?       | ?           | ?                 | 2                               | 9                 | 9                 | 9                 | 8                | 9          | 7                  | 5               | 9                    | 9         | 8           | ?                    | 5           | ?       | 8             | ?              |
| LADDOK   | ?                        | ?                 | ?       | ?           | ?                 | 6                               | 8                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | ?                    | ?         | ?           | ?                    | ?           | ?       | ?             | ?              |
| MARKSMAN   | ?                        | ?                 | ?       | ?           | ?                 | 6                               | 9                 | 9                 | 9                 | 9                | 9          | 7                  | 3               | 9                    | 9         | 9           | ?                    | ?           | ?       | 8             | ?              |

| TRADE NAME  | VOLUNTEER CROPS          |                   | GRASSES |             |                   | ANNUAL AND BIENNIAL BROADLEAVES |                   |                   |                   |                  |            |                    |                 |                      |           |             | PERENNIALS           |             |         |               |                |
|---|--------------------------|-------------------|---------|-------------|-------------------|---------------------------------|-------------------|-------------------|-------------------|------------------|------------|--------------------|-----------------|----------------------|-----------|-------------|----------------------|-------------|---------|---------------|----------------|
|   | adzuki beans (volunteer) | wheat (volunteer) | sandbur | stink grass | tufted love grass | bur-cucumber                    | biennial wormwood | chickweed, common | flower of an hour | lettuce, prickly | nipplewort | spreading atriplex | swamp smartweed | three seeded mercury | waterhemp | wild carrot | wood-sorrel (oxalis) | horsenettle | red top | vetch, tufted | wirestem muhly |
| PARDNER + atrazine*   | ?                        | ?                 | ?       | ?           | ?                 | 8                               | 9                 | 9                 | 9                 | 8                | 9          | 9                  | 1               | 9                    | 9         | 7           | ?                    | ?           | ?       | ?             | ?              |
| PEAKPLUS <sup>1</sup>   | ?                        | ?                 | ?       | ?           | ?                 | 3                               | 8                 | 9                 | 8                 | 8                | 6          | 7                  | 6               | 8                    | 6         | 9           | ?                    | ?           | ?       | 7             | ?              |
| SHOTGUN   | ?                        | ?                 | ?       | ?           | ?                 | 6                               | 9                 | 9                 | 9                 | 8                | 9          | ?                  | 0               | 9                    | 9         | ?           | ?                    | ?           | ?       | ?             | ?              |
| SUMMIT  | ?                        | ?                 | 7/8     | ?           | ?                 | 5                               | 8                 | 9                 | 8                 | 9                | 8          | 6                  | 6               | 9                    | 6         | 9           | ?                    | ?           | ?       | 7             | ?              |
| <b>Postemergence Grass and Broadleaf Herbicides (Herbicide Tolerant Hybrids Only)</b> |                          |                   |         |             |                   |                                 |                   |                   |                   |                  |            |                    |                 |                      |           |             |                      |             |         |               |                |
| LIBERTY 200 SN <sup>2</sup>   | ?                        | ?                 | 7       | ?           | ?                 | 4                               | ?                 | ?                 | 7                 | ?                | ?          | ?                  | 1               | 6                    | ?         | ?           | ?                    | 7           | ?       | ?             | 8              |
| glyphosate <sup>3</sup>   | 9                        | 9                 | 9       | ?           | ?                 | 8                               | 8                 | 9                 | 9                 | 9                | ?          | 7/8                | 5               | 8                    | 9         | ?           | ?                    | 8           | ?       | 5             | 9              |
| <b>Postemergence Grass and Broadleaf Herbicide Tank-Mixes</b>                         |                          |                   |         |             |                   |                                 |                   |                   |                   |                  |            |                    |                 |                      |           |             |                      |             |         |               |                |
| ACCENT + CALLISTO + atrazine*   | 9                        | 7 <sup>c</sup>    | 8       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | 5               | ?                    | 9         | 8           | ?                    | ?           | ?       | ?             | ?              |
| BATTALION <sup>1</sup>  | ?                        | 8 <sup>b</sup>    | 8       | ?           | ?                 | ?                               | ?                 | ?                 | ?                 | 9                | ?          | ?                  | ?               | ?                    | ?         | ?           | ?                    | ?           | ?       | ?             | ?              |
| SUMMIT + ACCENT, SUMMIT EXTRA <sup>1</sup>  | ?                        | 7 <sup>c</sup>    | 8       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | 9                | ?          | ?                  | 6               | 9                    | ?         | ?           | ?                    | 8           | ?       | ?             | ?              |
| ULTIM + BANVEL II, ORACLE   | ?                        | 7 <sup>c</sup>    | 8       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | 7                    | ?         | ?           | ?                    | 7           | ?       | ?             | 6              |
| ULTIM + CALLISTO + atrazine*  | 9                        | 7 <sup>c</sup>    | 8       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | ?                    | 9         | 8           | ?                    | ?           | ?       | ?             | 6              |
| ULTIM + DISTINCT, ULTIM TOTAL <sup>1</sup>  | ?                        | 7 <sup>c</sup>    | 8       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | 9                | ?          | ?                  | 5               | 9                    | ?         | ?           | ?                    | 8           | ?       | ?             | 6              |

| TRADE NAME                    | VOLUNTEER CROPS          |                   | GRASSES |             |                   | ANNUAL AND BIENNIAL BROADLEAVES |                   |                   |                   |                  |            |                    |                 |                      |           |             | PERENNIALS           |             |         |               |                |
|-------------------------------|--------------------------|-------------------|---------|-------------|-------------------|---------------------------------|-------------------|-------------------|-------------------|------------------|------------|--------------------|-----------------|----------------------|-----------|-------------|----------------------|-------------|---------|---------------|----------------|
|                               | adzuki beans (volunteer) | wheat (volunteer) | sandbur | stink grass | tufted love grass | bur-cucumber                    | biennial wormwood | chickweed, common | flower of an hour | lettuce, prickly | nipplewort | spreading atriplex | swamp smartweed | three seeded mercury | waterhemp | wild carrot | wood-sorrel (oxalis) | horsenettle | red top | vetch, tufted | wirestem muhly |
| ULTIM + MARKSMAN              | ?                        | 7 <sup>c</sup>    | 8       | 9           | 9                 | 6                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | 5               | 9                    | ?         | ?           | ?                    | 7           | ?       | ?             | 6              |
| ULTIM + PEAKPLUS <sup>1</sup> | ?                        | 7 <sup>c</sup>    | 8       | 9           | 9                 | ?                               | ?                 | ?                 | ?                 | ?                | ?          | ?                  | ?               | 8                    | ?         | ?           | ?                    | 7           | ?       | ?             | 6              |

\* Various formulations available, see Table 4-1, page 21. See label for specific uses and rates.  
? Insufficient information available to make a rating.  
<sup>a</sup> Use the high rate of herbicide for optimum control.  
<sup>b</sup> To achieve this level of control, volunteer cereals must be sprayed prior to flag leaf.  
<sup>c</sup> Volunteer cereals are close to heading when these products are normally applied, earlier applications will improve control.  
**BOLD** numbers indicate the weed is listed on the product label for control or suppression.

<sup>1</sup> Indicates herbicides sold as a co-pack under this trade name.  
<sup>2</sup> Use only on selected varieties – see precautions for tolerant varieties on label.  
<sup>3</sup> For use on glufosinate ammonium (LIBERTY LINK) tolerant corn only.  
<sup>4</sup> For use on ROUNDUP READY corn (glyphosate tolerant) only. see Table 4-2, page 59 for a list of registered products.

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