

| SOYBEANS                                          |                                                              |                                        |                 |                    |               |                |                  |                 |                    |                |           |          |           |             |                      |                 |              |             |                 |                |                 |                  |                   |                |                  |           |                |           |                       |            |
|---------------------------------------------------|--------------------------------------------------------------|----------------------------------------|-----------------|--------------------|---------------|----------------|------------------|-----------------|--------------------|----------------|-----------|----------|-----------|-------------|----------------------|-----------------|--------------|-------------|-----------------|----------------|-----------------|------------------|-------------------|----------------|------------------|-----------|----------------|-----------|-----------------------|------------|
| 2025 HERBICIDE<br>(active ingredient, trade name) |                                                              | Page in Guide to Field Crop Protection | Herbicide Group | GRASSES            |               |                |                  |                 | ANNUAL BROADLEAVES |                |           |          |           |             |                      |                 |              |             |                 |                |                 |                  |                   | PERENNIALS     |                  |           |                |           |                       |            |
|                                                   |                                                              |                                        |                 | Barnyard Grass     | Green Foxtail | Yellow Foxtail | Volunteer Barley | Volunteer Wheat | Wild Oat           | Wild Buckwheat | Chickweed | Cleavers | Cocklebur | Hemp-nettle | Kochia <sup>13</sup> | Lamb's-quarters | Wild Mustard | Nightshades | Redroot Pigweed | Common Ragweed | Russian Thistle | Shepherd's Purse | Smartweed, Annual | Stinkweed      | Volunteer Canola | Waterhemp | Canada Thistle | Dandelion | Perennial Sow-thistle | Quackgrass |
| Glyphosate <sup>2,3</sup>                         |                                                              | 281                                    | 9               | *                  | *             | *              | *                | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                | *         | *              | *         | *                     | *          |
| Glyphosate + Dicamba                              | Roundup Xtend <sup>10</sup> (Pre or Post)                    | 423                                    | 4,9             | *                  | *             | *              | *                | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                | *         | *              | *         | *                     | *          |
| Glyphosate + 2,4-D choline                        | Enlist Duo <sup>15</sup>                                     | 221                                    | 4,9             | *                  | *             | *              | *                | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                | *         | *              | *         | *                     | *          |
| PRE-PLANT/PRE-EMERGENT                            |                                                              |                                        |                 | * residual control |               |                |                  |                 |                    |                |           |          |           |             |                      |                 |              |             |                 |                |                 |                  |                   |                |                  |           |                |           |                       |            |
| Sulfentrazone                                     | Authority 480 <sup>7</sup> / Authority Strike <sup>6,7</sup> | 449                                    | 14              |                    |               |                |                  |                 |                    | *              | S         |          | *         | *           |                      | *               | *            | S           | *               | *              | *               | *                | *                 | *              | *                |           |                |           |                       |            |
| Sulfentrazone + Pyroxasulfone                     | Authority Supreme <sup>7</sup>                               | 128                                    | 14,15           | *                  | *             | *              |                  | S               |                    | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                | *         |                | *         |                       |            |
| 2,4-D ester + Pyraflufen-ethyl                    | Blackhawk                                                    |                                        | 4,14            |                    |               |                |                  |                 | S                  | *              | *         | *        | *         | *           | S                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                |           | *              |           |                       |            |
| Carfentrazone                                     | Aim EC                                                       |                                        | 14              |                    |               |                |                  |                 |                    | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                |           |                |           |                       |            |
| Dicamba <sup>10,11</sup>                          | Engenia, Banvel, Xtendimax, Oracle, ... etc                  | 201                                    | 4               |                    |               |                |                  |                 |                    | *              | *         | *        | ✓         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | ✓ <sup>9</sup> | TG               |           | TG             |           |                       |            |
| Ethalfuralin <sup>6</sup>                         | Edge MicroActiv                                              | 229                                    | 3               | *                  | *             | *              | S                | S               | *                  | *              | S         | S        | *         | *           | S                    | *               | *            | S           | *               | S              | *               | *                | *                 | *              | ✓                |           |                |           |                       |            |
| Flumioxazin + Pyroxasulfone                       | Fierce brands <sup>6</sup>                                   | 243                                    | 14,15           | *                  | *             | *              |                  | S               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | S                 | *              | *                | *         | *              | *         | *                     | *          |
| Carfentrazone + Pyroxasulfone                     | Focus <sup>6</sup> (residual component)                      | 269                                    | 14,15           | *                  | *             | *              |                  | S               | S                  | *              | *         | *        | S         | S           | S                    | *               | *            | *           | *               | *              | *               | S                | *                 | *              | *                | *         | *              | *         | *                     | *          |
| Saflufenacil                                      | Heat brands                                                  |                                        | 14              |                    |               |                |                  |                 | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              |                  | TG        |                |           |                       |            |
| Saflufenacil + Pyroxasulfone                      | Heat Complete <sup>6</sup> (residual component)              | 298                                    | 14,15           | S                  | S             |                |                  | S               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | ✓ <sup>12</sup>   | *              | *                |           |                |           |                       |            |
| Metribuzin + Flumioxazin                          | IPCO Bifecta EZ                                              | 328                                    | 5, 14           | *                  | *             | *              |                  |                 | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | S                 | *              | *                | *         | *              | *         | *                     | *          |
| Metalochlor <sup>6</sup>                          | Dual II Magnum, Komodo, Metallica                            | 347                                    | 15              | *                  | *             | *              |                  |                 | *                  | *              | *         | *        | *         | *           | *                    | *               | S            | *           | *               | *              | *               | *                | *                 | *              |                  |           |                |           |                       |            |
| Metribuzin + Trifluralin EC (PPI) <sup>6</sup>    | Sencor, Tricor, Squadron, Buzzin + Treflan                   | 349                                    | 5               | *                  | *             | *              |                  | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | ✓ <sup>9</sup> |                  |           |                |           |                       |            |
| Tribenuron + Glyphosate                           | Express SG and Involve 50 WDG only                           | 471                                    | 2               |                    |               |                |                  |                 | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              |                  |           | *              |           |                       |            |
| Trifluralin <sup>6</sup>                          | Treflan, Bonanza, Rival                                      | 496                                    | 3               | *                  | *             | *              |                  | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | ✓ <sup>9</sup> |                  |           |                |           |                       |            |
| Flumioxazin                                       | Valtera, Chateau <sup>5</sup>                                | 504                                    | 14              | S                  |               |                |                  |                 | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                | *         | *              | *         | *                     | *          |
| Trifludimoxazin + Saflufenacil                    | Voraxor                                                      |                                        | 14              |                    |               |                |                  |                 | *                  | *              | *         | *        | S         | *           | *                    | *               | *            | *           | *               | S              | *               | *                | S                 | *              | *                |           |                |           |                       |            |
| Trifludimoxazin + Saflufenacil + Pyroxasulfone    | Voraxor Complete (residual component) <sup>6,7</sup>         | 520                                    | 14, 15          | *                  | *             | *              |                  | S               |                    |                |           | S        | *         | *           | *                    | S               | *            | *           | S               | *              | S               | *                | S                 | S              | S                |           |                |           |                       |            |
| Pyroxasulfone <sup>6</sup>                        | Zidua SC                                                     | 521                                    | 15              | *                  | *             | *              |                  | S               |                    |                |           | S        | S         |             | *                    | *               |              | *           | *               |                |                 |                  | *                 | *              |                  |           |                |           |                       |            |
| POST-EMERGENT                                     |                                                              |                                        |                 |                    |               |                |                  |                 |                    |                |           |          |           |             |                      |                 |              |             |                 |                |                 |                  |                   |                |                  |           |                |           |                       |            |
| Bentazon                                          | Basagran, Boa, Berserk, Benta Super, etc                     | 141                                    | 6               |                    |               |                |                  |                 |                    | *              | *         | *        |           | *           | *                    | *               | S            | *           | S               | *              | *               | *                | *                 | *              | *                | *         | *              | *         | *                     | *          |
| Clethodim                                         | Centurion, Select, Arrow, Patron ... etc                     | 178                                    | 1               | *                  | *             | *              | *                | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                |           |                |           |                       |            |
| Clethodim + Quizalofop                            | Select Plus                                                  | 427                                    | 1               | *                  | *             | *              | *                | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                |           |                |           |                       |            |
| Dicamba <sup>10,11</sup>                          | Engenia, Banvel, Xtendimax, Oracle, etc                      | 201                                    | 4               |                    |               |                |                  |                 |                    | *              | *         | *        | ✓         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | ✓ <sup>9</sup> | TG               |           | TG             |           |                       |            |
| Fomesafen + Glyphosate                            | Flexstar GT <sup>1,2</sup>                                   | 246                                    | 9,14            | *                  | *             | *              | *                | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | ✓ <sup>9</sup>   | *         | *              | *         | *                     | *          |
| Glufosinate 200 SN <sup>8</sup>                   | Liberty 200 SN, Vigor 200 SN                                 | 279                                    | 10              | *                  | *             | *              |                  | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | ✓              | S                | *         | *              | S         |                       |            |
| Bentazon + Acifluorfen                            | Hurricane                                                    | 300                                    | 6,14            |                    |               |                |                  |                 |                    | *              | *         | *        | *         | *           | S                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                |           |                |           |                       |            |
| Imazamox                                          | Solo ADV, Davai 80 SL                                        | 306                                    | 2               | *                  | *             | *              | *                | *               | *                  | S              | S         |          | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | ✓ <sup>4</sup> |                  |           |                |           |                       |            |
| Quizalofop + Imazamox                             | Solo Ultra Q, Davai Q Plus                                   | 316                                    | 1,2             | *                  | *             | *              | *                | ✓ <sup>5</sup>  | *                  | S              | S         |          | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | ✓ <sup>4</sup> |                  |           |                |           | S                     |            |
| Imazamox + Imazethapyr                            | Odyssey NXT, Duet, Quasar                                    | 312                                    | 2               | *                  | *             | *              | ✓ <sup>4</sup>   | *               | *                  | *              | *         | *        | *         | S           | *                    | *               | *            | *           | *               | *              | *               | *                | ✓ <sup>4</sup>    |                |                  |           |                |           |                       |            |
| Imazethapyr                                       | Pursuit, Phantom                                             | 317                                    | 2               | *                  | *             | *              | *                | *               | S                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | ✓ <sup>4</sup>    |                |                  |           |                |           |                       |            |
| Quizalofop + Bentazon                             | Boa IQ                                                       | 146                                    | 1,6             | *                  | *             | *              | *                | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | S            | *           | S               | *              | *               | *                | *                 | *              | *                | *         | *              | *         | *                     | *          |
| Quizalofop + Imazamox + Imazethapyr               | Odyssey Ultra Q                                              | 364                                    | 1,2             | *                  | *             | *              | *                | *               | S                  | *              | *         | S        | S         | *           | *                    | *               | *            | *           | *               | *              | *               | ✓ <sup>4</sup>   | *                 | *              | *                |           |                |           | S                     |            |
| Thifensulfuron                                    | Pinnacle, Volta                                              | 457                                    | 2               |                    |               |                |                  |                 |                    |                |           |          | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              |                  |           |                |           |                       |            |
| Sethoxydim                                        | Poast Ultra                                                  | 388                                    | 1               | *                  | *             | *              | *                | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                |           |                |           | *                     |            |
| Quizalofop                                        | Assure II, Yuma, Contender, Quiz, Idol, etc                  | 401                                    | 1               | *                  | *             | *              | *                | *               | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              | *                |           |                |           | *                     |            |
| Fomesafen <sup>1</sup> + Bentazon                 | Reflex + Basagran <sup>1</sup>                               | 408                                    | 6,14            |                    |               |                |                  |                 |                    | *              | *         | *        | *         | *           | *                    | S               | *            | *           | *               | *              | *               | *                | *                 | ✓              |                  |           |                |           |                       |            |
| Acifluorfen                                       | Ultra Blazer                                                 | 502                                    | 14              |                    |               |                |                  |                 | *                  | *              | *         | *        | *         | *           | *                    | *               | *            | *           | *               | *              | *               | *                | *                 | *              |                  | TG        |                |           |                       |            |
| Imazamox + Bentazon                               | Viper ADV, Python, Boa Pro, Benz                             | 309                                    | 2,6             | *                  | *             | *              | *                | ✓ <sup>4</sup>  | *                  | *              | *         | *        | *         | *           | *                    | S               | *            | *           | *               | *              | *               | *                | *                 | *              | *                |           |                |           |                       |            |

Refer to respective product labels for the most up-to-date information.

• - Control. S - Suppression. TG - Top growth control. ✓ - Control/suppression based on field trials.

#### Crop Stage

|                         |
|-------------------------|
| V1 through R1           |
| Up to R1 (early flower) |
| Up to R1                |

<sup>1</sup> For use in the Red River Valley of Manitoba only.

<sup>3</sup> Not all glyphosate products are registered for use on glyphosate tolerant soybeans.

<sup>4</sup> Will not control CLEARFIELD varieties.

<sup>5</sup> Apply in fall or spring prior to seeding or up to 3 days after seeding.

<sup>6</sup> Control of weeds emerging from seed (not controlled if emerged at application).

<sup>7</sup> For in season activity only.

<sup>8</sup> For use in Liberty tolerant soybeans only.

<sup>9</sup> Will not control glyphosate tolerant varieties.

<sup>10</sup> For use on RR Xtend soybean varieties only.

<sup>11</sup> Not all dicamba products are registered for use on RR Xtend soybeans.

<sup>12</sup> Including glyphosate resistant biotypes.

<sup>13</sup> Not including glyphosate resistant biotypes.

<sup>14</sup> Will not control LL varieties.

<sup>15</sup> For use on Enlist soybean varieties only.

<sup>16</sup> Use two applications for best control.

#### Crop Stage

|                            |
|----------------------------|
| All stages - no PHI listed |
| All stages - 75 day PHI    |
| All stages - 80 day PHI    |
| Up to R1                   |
| V1 to V2                   |
| Up to R1                   |
| V1 to V2                   |
| VE to V3                   |
| VE to V4                   |
| V1 to V3                   |
| Up to and including V3     |
| All stages - 80 day PHI    |
| V1 to V3                   |
| V1 up to flowering         |
| All stages - 80 day PHI    |
| All stages - 80 day PHI    |
| V1 to V2                   |
| V1 to V3                   |
| VE to V3                   |