

Application Window for Soybean Herbicides with Soil Residual Activity

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The application window table (below) was generated on November 10, 2021, based on information obtained from each of the product's label. For additional information on product use consult individual product labels and/or your local agronomist / industry representative.

When selecting a PRE herbicide program, it is important to consider the weed species history in the field, geographic restriction, soil properties, and plant back restrictions for intended crops following soybean in your crop rotation.

Inclusion of specific products does not constitute a recommendation or endorsement. **Always read, follow, and understand the pesticide label. The label is the law.**

Despite careful proof reading, there may be errors in this table. Should you find any information presented herein to be inaccurate, please contact:

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Additional Resources:

- [2022 Pest Management in Wisconsin Field Crops](#)
- [2020 Wisconsin Herbicide Mode of Action Chart](#)
- [2020 Wisconsin Weed Science Research Report](#)
- [Residual Control of Waterhemp with Pre-emergence Herbicides in Soybean](#)
- [Evaluating Efficacy of Pre-emergence Soybean Herbicides Using Field Treated Soil in Greenhouse Bioassay](#)
- [Post-emergence Corn & Soybean Herbicide Product Restrictions for Broadcast Applications](#)

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Cropping Systems Weed Science
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Herbicide Trade Name	Active Ingredient(s)	SOA Group ¹	Application Window
Prowl H2O	pendimethalin	3	Apply and incorporate ahead of planting
Treflan	trifluralin	3	
Valor SX	flumioxazin	14	Apply before or within 3 days of planting or Before soybean cracking / emergence (whichever occurs first)
Valor XLT	flumioxazin + chlorimuron-ethyl	14 & 2	
Enlite	flumioxazin + chlorimuron-ethyl + thifensulfuron-methyl	14 & 2 & 2	
Trivence	flumioxazin + chlorimuron-ethyl + metribuzin	14 & 2 & 5	
Surveil	flumioxazin + cloransulam-methyl	14 & 2	
Fierce	flumioxazin + pyroxasulfone	14 & 15	
Fierce XLT	flumioxazin + pyroxasulfone + chlorimuron-ethyl	14 & 15 & 2	
Fierce MTZ / Kyber	flumioxazin + pyroxasulfone + metribuzin	14 & 15 & 5	
Afforia	flumioxazin + thifensulfuron-methyl + tribenuron-methyl	14 & 2 & 2	
Spartan	sulfentrazone	14	
Authority First / Sonic	sulfentrazone + cloransulam-methyl	14 & 2	
Authority Assist	sulfentrazone + imazethapyr	14 & 2	
Authority MTZ	sulfentrazone + metribuzin	14 & 5	
Authority Supreme	sulfentrazone + pyroxasulfone	14 & 15	
Authority Elite / Broadaxe XC	sulfentrazone + S-metolachlor	14 & 15	
Classic ²	chlorimuron-ethyl	2	Before soybean cracking / emergence
Canopy DF	chlorimuron-ethyl + metribuzin	2 & 5	
Outlook ³	dimethenamid-P	15	
Tricor DF	metribuzin	5	
Boundary	metribuzin + S-metolachlor	5 & 15	
Sharpen ⁴	saflufenacil	14	
Verdict	saflufenacil + dimethenamid-P	14 & 15	
Zidua PRO	saflufenacil + imazethapyr + pyroxasulfone	14 & 2 & 15	
Prefix	fomesafen + S-metolachlor	14 & 15	Can be applied POST up to 75 days before harvest
Dual II Magnum	S-metolachlor	15	
Sequence	S-metolachlor + glyphosate	15 & 9	
Zidua	pyroxasulfone	15	Can be applied POST through sixth trifoliolate (V6)
Perpetuo	pyroxasulfone + flumiclorac	15 & 14	
Anthem Maxx	pyroxasulfone + fluthiacet-methyl	15 & 14	
Pursuit	imazethapyr	2	Can be applied POST up to first flowering (R1)
Warrant	acetochlor	15	Can be applied POST up to full bloom (R2)
Warrant Ultra	acetochlor + fomesafen	15 & 14	
FirstRate ⁵	cloransulam-methyl	2	

¹ Site of Action (SOA) Group for herbicide active ingredients.

² Classic can be applied POST after first trifoliolate (V1) but no later than 60 days before soybean maturity.

³ Outlook can be applied POST from first trifoliolate (V1) through fifth trifoliolate (V5).

⁴ Sharpen: 1-2 oz/ac requires 30 days preplant interval on course soils with 2% organic matter (OM) and 0 days on other soils. 1.5 oz/ac requires 30 days preplant interval on course soils with 2% OM and 14 days on other soils. 2 oz/ac requires 44 days preplant interval on course soils with 2% OM and 30 days preplant on other soils.

⁵ FirstRate: Optimum within 2 days of planting.