

## Pre-Seed and Pre-Emergent Weed Control in Soybeans

Herbicide	Herbicide Group	Application Timing*	Tank-Mix Options (on label or supported)	Primary Target	Recropping (year after)
<b>2,4-D Ester</b>	4	Seven days prior to seeding	None on label	Broadleaf weeds	None
<b>BlackHawk®</b> (2,4-D + pyraflufen-ethyl)	4 + 14	Prior to seeding or prior to emergence	glyphosate Valtera™ Fierce®	Broadleaf weeds	None
<b>Aim® EC/Revenge™</b> (carfentrazone)	14	Prior to seeding (**Tank-mix with Express® SG and glyphosate—apply minimum 24 hours prior to seeding)	glyphosate (required) Authority® 480 + glyphosate **Express® SG + glyphosate	Broadleaf weeds	None
<b>CleanStart®</b> (carfentrazone + glyphosate)	9 + 14	Prior to seeding	Aim® EC	Broadleaf and grassy weeds	None
<b>Focus®</b> (carfentrazone + pyroxasulfone)	14 + 15	Prior to seeding or up to three days after seeding Fall application as well (**Tank-mix with Express® SG and glyphosate—apply minimum 24 hours prior to seeding)	glyphosate **Express® SG + glyphosate	Broadleaf and grassy weeds	Crop restrictions on label
<b>Engenia®/Xtendimax®</b> (dicamba)	4 + 9	Prior to seeding or prior to emergence (Roundup Ready 2 Xtend® soybeans only)	glyphosate** Sencor®	Broadleaf weeds; Broadleaf and grassy weeds	Crop restrictions on label
<b>Roundup Xtend™</b> (dicamba + glyphosate)	4 + 9	Prior to seeding or prior to emergence (Roundup Ready 2 Xtend® soybeans only)	glyphosate Sencor®	Broadleaf weeds; Broadleaf and grassy weeds	Crop restrictions on label
<b>Edge® MicroActiv</b> (ethalfluralin)	3	Prior to seeding	None	Broadleaf and grassy weeds	Crop restrictions on label
<b>Valtera®/Valtera™ EZ</b> (flumioxazin)	14	Prior to seeding or prior to emergence	glyphosate BlackHawk®	Broadleaf weeds	None
<b>Fierce®/Fierce® EZ</b> (flumioxazin + pyroxasulfone)	14 + 15	Prior to seeding or prior to emergence	glyphosate BlackHawk®	Broadleaf and grassy weeds	None
<b>glyphosate</b>	9	Prior to seeding or prior to emergence	Assure® II Pursuit®	Broadleaf and grassy weeds	None
<b>Dual II Magnum®/Komodo™</b> (s-metolachlor)	15	Prior to seeding	Sencor® / Tricor 75DF glyphosate	Broadleaf and grassy weeds	None
<b>TieDown™</b> (s-metolachlor + metribuzin)	5 + 15	Prior to seeding or prior to emergence	glyphosate	Broadleaf and grassy weeds	Crop restrictions on label

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## Pre-Seed and Pre-Emergent Weed Control in Soybeans (continued)

Herbicide	Herbicide Group	Application Timing*	Tank-Mix Options (on label or supported)	Primary Target	Recropping (year after)
<b>Buzzin® 70 WDG/Meter 75 DF/Metrix® SC/Sencor® 75 DF/Sencor® Solupak 75 DF/Squadron® II/TriCor® 75 DF/TriCor® LQ</b> (metribuzin)	5	Prior to seeding	Treflan® EC (required)	Broadleaf weeds	Crop restrictions on label
<b>Zidua™</b> (pyroxasulfone)	15	Prior to seeding or prior to emergence	glyphosate	Grassy weeds	None
<b>Heat® Complete</b> (pyroxasulfone + saflufenacil)	14 + 15	Prior to seeding and post seeding within three days	glyphosate	Broadleaf and grassy weeds	None
<b>Authority® Supreme</b> (pyroxasulfone + sulfentrazone)	14 + 15	Prior to seeding or up to three days after seeding (**Tank-mix with Express® SG and glyphosate—apply minimum 24 hours prior to seeding)	Aim® EC + glyphosate glyphosate Express® SG + glyphosate	Broadleaf and grassy weeds	Crop restrictions on label
<b>Heat®</b> (saflufenacil)	14	Prior to seeding and post seeding within three days	glyphosate	Broadleaf weeds	None
<b>Authority® 480</b> (sulfentrazone)	14	Prior to seeding or up to three days after seeding (**Tank-mix with Express® SG and glyphosate—apply minimum 24 hours prior to seeding)	Aim® EC + glyphosate **Express® SG + glyphosate glyphosate	Broadleaf weeds	Crop restrictions on label
<b>Express® SG*/Involve® 50 WDG</b> (tribenuron)	2	Minimum 24 hours prior to seeding	glyphosate (required) Aim® EC + glyphosate Authority® 480 + glyphosate Authority Supreme® + glyphosate	Broadleaf weeds	None
<b>Bonanza®/Treflan®/Rival®</b> (trifluralin)	3	Prior to seeding	Sencor® (with Treflan® Liquid EC only)	Broadleaf and grassy weeds	Crop restrictions on label

\*There may be restrictions on label for rates, application timing, varieties, or soil types. Consult label or manufacturer for more detail. Always read and follow label directions. This information is only a guide, if label information differs, follow label instructions.

\*\*Tank mix options may not be supported or registered for all products where multiple herbicides are listed.

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