

## **Product Use Overview**



| Burn Down, Preplant, At-Planting—U.S. (excluding California) |

	Product	Crop	Key Problems / Uses	Use Recommendations
	Cobra® Herbicide	Soybeans	Black nightshade, cocklebur, Palmer amaranth*, pigweeds, ragweeds, waterhemp *Crop oil concentrate (COC) is required for control	Timing: preplant or preemergence. Labeled rate range: 8–12.5 fl oz/A (preplant); 12.5–19 fl oz/A (preemergence). Additives: COC is required for weed control at 8 fl oz/A and 10 fl oz/A. REI: 12 hours. PHI: 45 days.
	Fierce® EZ Herbicide	Field corn, soybeans	Annual nightshades, chickweed, common lambsquarters, common ragweed, cutleaf evening primrose, dandelion, henbit, morningglory, Palmer amaranth, pigweeds, velvetleaf, waterhemp	Field corn—Timing: 7–30 days prior to planting, depending on geography, planting bed and type of tillage. Labeled rate: 6 fl oz/A.  Soybeans—Timing: fall and spring burn down, preplant or preemergence. Preemergence applications must be made within 3 days after planting and prior to soybean emergence. Labeled rate range: 6–7.5 fl oz/A. REI: 12 hours.
	Fierce® MTZ Herbicide	Soybeans	Barnyardgrass, common ragweed, crabgrasses, foxtails, kochia, lambsquarters, marestail, morningglory, Palmer amaranth, panicums, velvetleaf, waterhemp	Timing: preemergence or a part of a preplant, burndown program. Preemergence applications must be made within 3 days after planting and prior to soybean emergence. Labeled rate range: 1–1.5 pt/A. REI: 12 hours.
	Fierce® XLT Soybean Herbicide	Soybeans	Annual grasses, annual nightshades, common lambsquarters, dandelion, marestail, Palmer amaranth, ragweed (common, giant), waterhemp, velvetleaf, winter annuals	Timing: fall and spring burn down, preplant or preemergence. Preemergence applications must be made within 3 days after planting and prior to soybean emergence. Labeled rate range: 3.75–5.25 fl oz/A. REI: 12 hours.
des	Mauler® Herbicide	Soybeans	Common ragweed, lambsquarters, morningglory, velvetleaf	Timing: preemergence or part of a preplant, burndown program. Labeled rate: 6 fl oz/A when tank mixed with Fierce EZ and Fierce XLT. REI: 12 hours.
Herbicides	Maverick® Corn Herbicide	Field corn	Annual grasses, black nightshade, cocklebur, lambsquarters, morningglory, Palmer amaranth, pigweeds, ragweeds, sunflower, velvetleaf, waterhemp	Timing: preplant incorporated, preemergence. Labeled rate range: 18–32 fl oz/A REI: 12 hours. PHI: 30 days for ears and forage, 60 days for stover.
	Perpetuo <sup>®</sup> Herbicide	Soybeans	Crabgrass, foxtails, lambsquarters, morningglory, Palmer amaranth, panicums, velvetleaf, waterhemp	Timing: spring burn down, preemergence. Labeled rate range: 6–10 fl oz/A. REI: 12 hours. PHI: 60 days.
	Resource® Herbicide	Field corn, soybeans	Morningglory (in soybeans), velvetleaf	Timing: burn down. Labeled rate range: 2–4 fl oz/A with glyphosate. REI: 12 hours. PHI: 60 days.
	Select Max <sup>®</sup> Herbicide with Inside Technology <sup>™</sup>	Soybeans	Annual and perennial grasses, volunteer corn	Timing: burn down, preplant. Refer to the <i>Select Max</i> label for rate recommendations. REI: 24 hours. PHI: 60 days.
	Valor® EZ Herbicide <sup>2</sup> Valor® SX Herbicide	Field corn, soybeans	Annual nightshade, Carolina geranium, chickweed, common ragweed, cutleaf evening primrose, dandelion, henbit, kochia, lambsquarters, marestail, morningglory, Palmer amaranth, pigweeds, purple deadnettle, waterhemp	<ul> <li>Field corn timing and rates:</li> <li>Fall burn down at 2-4 oz/A</li> <li>Spring burn down at 2 oz/A (7 days) to 3 oz/A (14-30 days) prior to planting no-till or minimum tillage field corn</li> <li>Soybeans timing and rates:</li> <li>Fall burn down at 2-4 oz/A</li> <li>Spring burn down, preplant or preemergence applications within 3 days after planting at 2-3 oz/A</li> <li>REI: 12 hours.</li> </ul>
	Valor® XLT Soybean Herbicide	Soybeans	Annual nightshade, chickweed, cocklebur, cutleaf evening primrose, dandelion, henbit, kochia, lambsquarters, marestail, morningglory, Palmer amaranth, pigweeds, purple deadnettle, ragweeds, sunflower, waterhemp	Timing: Fall and spring burn down, preplant or preemergence. Preemergence applications must be made with 3 days after planting.  Labeled rate range: 2.5–5 oz/A, depending on weeds, organic matter, soil texture and pH (see label).  REI: 12 hours.



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Insecticide	Asana® XL Insecticide	Field corn	Cutworms	Timing: preplant or at planting to R4. Labeled rate range: 2.9–9.6 fl oz/A, depending on target insects and insect pest pressure. REI: 12 hours. PHI: 21 days.  Asana XL is a restricted use pesticide.
Nematicide	Aveo® EZ Nematicide	Soybeans	Reniform nematode, root knot nematode, soybean cyst nematode	Timing: seed treatment prior to planting. Labeled rate: 0.1 fl oz/140,000 seeds. REI: 4 hours.
	INTEGO® Fungicide Soybeans	Soybeans	Seed rots (including seed borne Phomopsis, seed borne Sclerotinia, seed borne and soil borne Fusarium, Penicillium and Aspergillus), dampingoff and seedling blights, Pythium seed decay and seedling dieback, earlyseason Phytophthora sojae root rot, soil borne Fusarium and Rhizoctonia solani	Timing: seed treatment prior to planting. Labeled rate: 2.11 fl oz/cwt. REI: 24 hours.
Seed Treatments	INTEGO® SUITE Soybeans	Soybeans	Aphids, bean leaf beetle, grape colaspis, leafhoppers, pea leaf weevil, seed corn maggot, three cornered alfalfa hopper, thrips, white grubs, wireworm  Seed rots (including seed borne Phomopsis, seed borne Sclerotinia, seed borne and soil borne Fusarium, Penicillium and Aspergillus), dampingoff and seedling blights, Pythium seed decay and seedling dieback, earlyseason Phytophthora sojae root rot, soil borne Fusarium and Rhizoctonia solani	Timing: seed treatment prior to planting. Labeled rate: 3.37 fl oz/cwt.







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