

## **Product Use Overview**



| Burn Down, Preplant, At-Planting |

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). 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 with 3 days after planting.  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 with 3 days after planting. 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 with 3 days of planting. Labeled rate range: 3.75–5.25 fl oz/A. REI: 12 hours.
Mauler® Herbicide	Soybeans	Common ragweed, lambsquarters, morningglory, velvetleaf	Timing: preemergence or part of a preplant, burndown program. Labeled rate: 8 fl oz/A when tank mixed with <i>Fierce</i> EZ and <i>Fierce</i> XLT. REI: 12 hours.
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® Herbicide with Inside Technology™	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 Herbicide² 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	Field Corn—Timing: fall and spring burn down, 7–30 days prior to planting in no-till or minimum-till corn. Recommended rate: 2 fl oz/A.  Soybeans—Timing: fall and spring burn down, preplant or preemergence. Preemergence application must be made within 3 days after planting.  Recommended rate range: 2–4 fl oz/A.  REI: 12 hours.
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.
Seed Treatment	INTEGO® Fungicide Soybeans	Soybeans	Damping-off, Fusarium, early- season Phytophthora, Pythium, seedling blights, seed rots, Rhizoctonia	Timing: seed treatment prior to planting. Labeled rate: 2.11 fl oz/cwt. REI: 24 hours.
	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  Damping-off, Fusarium, early-season Phytophthora, Pythium, seedling blights, seed rots, Rhizoctonia	Timing: seed treatment prior to planting. Labeled rate: 3.37 fl oz/cwt.

EACH PRODUCT MAY NOT BE APPROVED IN ALL STATES AND MAY BE SUBJECT TO USE RESTRICTIONS IN SOME STATES. CONTACT VALENT OR YOUR LOCAL STATE AGENCY FOR MORE INFORMATION.

