

| Crop, Situation, and Active Chemical Per Broadcast Acre | Weeds Controlled | Formulated Material Per Broadcast Acre | Time of Application | Method of Application and Precautions |
|---|--|---|---|--|
| EDAMAME (edible vegetable bean) | | | | |
| Preplant Burndown | | | | |
| paraquat @ 0.47 to 0.94 lb/A | Annual broadleaf and grass weeds (existing vegetation). | Paraquat (2 or 3 lb/gal formulations) 32 to 64 oz/A or 1.88 to 3 pt/A in at least 20 gal water per acre for ground application. 5 to 10 gal for aerial application. Add 0.25% surfactant. | Use prior to planting on seedbeds that are not to be disturbed before planting. Use higher rate on weeds larger than 2 inches. | Good spray coverage is essential. |
| glyphosate @ 1 lb/A | Annual grasses and broadleaf weeds (existing vegetation). Weak on morningglories. | Glyphosate (4 lb/gal formulations) 2 pt/A. Use high rate on all but very small weeds. | Use prior to planting for vegetation knockdown. Can be tank mixed with Pursuit or Spartan Charge for improved control of some species and residual activity. | Best results when applied in lower spray volumes, i.e., 5 to 10 gpa. |
| Preplant Incorporated | | | | |
| trifluralin @ 0.5 to 1 lb/A | Annual grass weeds and johnsongrass from seed. | Treflan 4 EC 1 to 2 pt/A. | From 6 weeks prior to planting to time of planting. | See Treflan recommendations in Soybean section (p. 50 and 51). |
| S-metolachlor @ 0.95 to 1.6 lb/A | Red rice, annual grasses and yellow nutsedge. | Dual Magnum 7.62 EC 1 to 1.67 pt/A. | During final seedbed preparation (within 7 days of planting). Can be applied up to third trifoliolate. | See Dual Magnum recommendations in Soybean section (p. 50 and 51). |
| imazethapyr @ 0.063 lb/A | Yellow nutsedge, pitted, entire-leaf and ivyleaf morningglories, spotted spurge and smartweed. Suppression of annual grass, red rice and johnsongrass. | 4 oz/A. Pursuit 2EC | During final seedbed preparation up to 7 days before planting. Can be tank-mixed with Dual. Can also be tank-mixed with glyphosate for preplant burndown to improve nutsedge control. | Can give excellent residual control if rain occurs within 5 days. 40 month rotation to non Clearfield rice. |
| Preemergence | | | | |
| S-metolachlor @ 0.9 to 1.5 lb/A | Annual grasses, red rice, nutsedge and small-seeded broadleaves. | Dual Magnum 7.62 EC 1 to 1.67 pt/A. | At planting, up to third trifoliolate. | Rainfall needed for activation. |
| linuron @ 0.5 to 1.0 lb/A | Small-seeded broadleaf weeds. | Lorox 50 DF 1 to 2 lb/A. | Apply immediately after planting – before soybean emergence. | See supplementary label. |
| carfentrazone + sulfentrazone @ 0.008 to 0.02 + 0.075 to 0.175 lb/A | Small-seeded broadleaf weeds. | Spartan Charge 3.45 SL 3 to 7 oz/A. | Apply immediately after planting – before soybean emergence. | See AR 24C label. |
| clomazone @ 0.5 lb/A | Annual grass. See soybean and rice tables. | Command 3ME 1.3 pt/A. | Apply immediately after planting – before soybean emergence. | See soybean and rice tables. One application per year. |

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| EDAMAME (edible vegetable bean) [cont.] | | | | |
| Postmergence | | | | |
| imazamox @ 0.032 lb/A | Some grasses and broadleaf weeds. | Raptor 1 EC 4 oz/A. Add 0.25% v/v NIS. | Apply to 2" to 4" weeds. | See supplementary label. |
| imazethapyr @ 0.063 lb/A | Yellow nutsedge, pitted, entire-leaf and ivyleaf morningglories, spotted spurge and smartweed. Suppression of annual grass, red rice and johnsongrass. | Pursuit 2 EC 4 oz/A. Add a nonionic surfactant. | Within first 10 days after weed emergence. | Timing is extremely critical. Weeds must be very small. Can give excellent residual control if rain occurs within 5 days. 40-month rotation to non Clearfield rice. |
| clethodim @ 0.25 lb/A | Annual grasses, bermudagrass and johnsongrass. Red rice seedhead suppression. | Select 2E or Select Max 0.97 EC 8 or 16 oz/A. Add 1% crop oil concentrate + AMS. | Before annual grasses exceed 14 days after emergence. Johnsongrass - 12" to 24". Bermudagrass - 3" height or 6" runner length maximum. For red rice seedhead suppression, apply at internode elongation stage of red rice. | See comments (p. 57) for Poast Plus and Fusilade on cultivation and tank mixing. Performance comparable to Assure II for annual grasses and johnsongrass. |
| fomesafen @ 0.25 lb/A | Broadleaf weeds. | Reflex 2 EC 1 pt/A. | Up to three trifoliate. | Do not apply late – will burn pods and blooms. |