

Crop, Situation, and Active Chemical Per Broadcast Acre	Weeds Controlled	Formulated Material Per Broadcast Acre	Time of Application	Method of Application and Precautions
flumetsulam @ 0.05 to 0.066 lb/A	Horseweed and other broad-leaves.	Python 80 WDG 1 to 1.33 oz/A.	Prior to planting wheat-beans.	Contact and residual for horseweed. Good tank mix with glufosinate. Good option where horseweed is present less than 14 days prior to planting.
flumioxazin + chlorimuron/thifensulfuron	Residual horseweed control.	Envive or Enlite WDG 3.5 or 2.8 oz/A.	Prior to soybean emergence.	Use 2.8 oz/A Enlite on high pH soils.
saflufenacil @ 0.022 to 0.044 lb/A	Horseweed rapid burndown – regrowth will occur.	Sharpen 2.85 SC 1 to 2 oz/A.	Prior to soybean emergence. 30 days prior to plant depending on rate applied and soil type.	Tank mix with glyphosate, 1% MSO and 2% v/v of AMS or UAN for best activity. 30-day plant back on coarse soils.
saflufenacil + dimethenamid @ 0.022 to 0.044 + 0.2 to 0.4 lb/A	Horseweed burndown and residual control.	Verdict 5.57 EC 5 to 10 oz/A.	Prior to planting to preplant. 30 days prior to plant depending on rate applied and soil type.	Tank mix with glyphosate, 1% MSO and 2% v/v of AMS or UAN for best activity.
glyphosate + 2,4-D + rimsulfuron/thifensulfuron @ 1 + 1 + 0.25/0.25 lb/A	Henbit, grasses and broadleaves.	Glyphosate (4 lb/gal formulations) + 2,4-D + Leadoff 2 pt/A + 1.5 pt/A + 1.5 oz/A.	At least 30 days prior to planting. Recommend planting STS or BOLT soybeans to avoid risk of injury.	For horseweed, substitute dicamba 8 oz/A for 2,4-D. See label for specific plant-back intervals to soybean.
flumioxazin + thifensulfuron + tribenuron @ 0.063 + 0.008 + 0.008 lb/A	Residual horseweed control. No post horseweed activity. Post activity of winter annuals and smartweed.	Afforia 50.8 WDG 2.5 oz/A..	Prior to soybean emergence.	Apply to clean ground or tank-mix for post weed control. Rainfall at emergence may result in injury, mainly cosmetic.

RICE
For additional information on burndown herbicides see p. 23, WEED RESPONSE RATINGS FOR BURNDOWN HERBICIDES.

Preplant-Vegetation Knockdown

glyphosate @ 1.0 lb/A	Emerged weeds.	Glyphosate (4 lb/gal formulations) 32 oz/A.	Apply at least 7 days before seedbed preparation.	Field must be free of standing water.
saflufenacil @ 0.022-0.044 lb/A	Pigweed, mare's tail, morning-glory and small-seeded broad-leaves.	Sharpen 1 to 2 oz/A. Must use a minimum of 1 pt/A MSO + AMS.	Prior to planting. Timing to small weeds or prior to weed emergence.	Tank mix with glyphosate or paraquat. Use high water volumes for best coverage. See label for crop specific restrictions and limitations.
glyphosate + thifensulfuron + tribenuron @ 1.0 + 0.016 to 0.025 lb/A	Improved control of curly dock, smartweed, henbit and garlic.	Glyphosate (4 lb/gal formulations) + FirstShot 50 SG 32 oz/A + 0.5 to 0.8 oz/A.	Prior to planting.	Field must be free of standing water.
glyphosate + bensulfuron @ 1.0 + 0.023 lb/A	Improved control of yellow nutsedge, morningglory and hemp sesbania.	Glyphosate (4 lb/gal formulations) + Londax 60 DF 32 oz/A + 0.5 oz/A.	Apply at least 7 days before seedbed preparation or planting.	Field must be free of standing water.

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Preplant-Vegetation Knockdown [cont.]				
glyphosate + clomazone @ 1.0 lb + 0.3-0.6 lb/A	Emerged weeds plus residual grass.	Glyphosate (4 lb/gal formulations) 32 oz + Command 3 ME 0.8-1.6 pt/A Medium (Silt Loam) 0.8-1.1 pt/A Fine (Clay) 1.3-1.6 pt/A Research has shown very little difference in grass control among rates within each soil type. Note: On thin soils, especially those that have been leveled, consider rates as low as 0.5 pt/A.	Up to 14 days prior to planting.	Field must be free of standing water. Antagonism has been documented with this tank mix. Always use full rate of glyphosate.
glyphosate + halosulfuron @ 1.0 lb + 0.065 lb/A	Emerged weeds plus enhanced sedge control. Will suppress other broadleaves.	Glyphosate (4 lb/gal formulations) + Permit 75 WG 32 oz/A + 1 oz/A.	Up to 14 days prior to planting.	Field must be free of standing water. Avoid glyphosate drift to corn. pH must be less than 8.0.
paraquat @ 0.625 lb/A	Emerged weeds.	Paraquat (2 or 3 lb/gal formulations) 40 or 26 oz/A. Add 0.25% v/v non-ionic surfactant.	Use high rate on weeds larger than 2 inches.	Provides rapid desiccation of existing vegetation. Paraquat is sensitive to off-target movement; therefore, drift control is necessary. Refer to label for precautions and tank-mix instructions.
2,4-D amine @ 0.5 to 1 lb/A	Emerged broadleaf weeds.	2,4-D Various formulations 1 to 2 pt/A. Add 0.25% v/v nonionic surfactant.	See label for plant-back intervals.	Some plants are sensitive to off-target movement. Therefore, avoid drift. May be tank-mixed with Roundup.