

Crop, Situation, and Active Chemical Per Broadcast Acre	Weeds Controlled	Formulated Material Per Broadcast Acre	Time of Application	Method of Application and Precautions
PEANUTS—Preplant				
pendimethalin @ 0.75 to 1 lb/A	Annual grass and small seeded broadleaf weeds.	Prowl 3.3 EC 1.8 to 2.4 pt/A. or Prowl H₂O 3.8 CS 1.8 to 2.4 pt/A.	Incorporate in top 1" to 2" of final seedbed.	May be tank mixed with Vernam for nutsedge control. See label for details.
Preplant or preemergence				
metolachlor @ 0.9 to 1.8 lb/A	Most small-seeded annuals, yellow nutsedge.	Dual Magnum 7.62 EC 1 to 2 pt/A.	Preplant within 7 days before planting and incorporate 1 1/2 to 2 inches deep or immediately after planting with or without soil incorporation.	If incorporating after planting, do not disturb seed. Incorporation may be helpful under dry soil conditions. Can be applied post up to 90 days prior to harvest.
dimethenamid @ 0.56 to 0.98 lb/A	Small-seeded annuals.	Outlook 6 EC 12 to 21 oz/A.	Preplant within 7 days before planting and incorporate 1 1/2 to 2 inches deep or immediately after planting with or without soil incorporation.	If incorporating after planting, do not disturb seed. Incorporation may be helpful under dry soil conditions. Can be applied post up to 90 days prior to harvest.
diclosulam @ 0.024 lb/A	Copperleaf, eclipta, cocklebur, morningglories, other small-seeded broadleaf weeds and yellow nutsedge.	Strongarm 84 DG 0.45 oz/A.	Preplant incorporated or pre-emergence.	See label for rotation restrictions and precautions.
flumioxazin @ 0.063 to 0.096 lb/A	Pigweed , eclipta, copperleaf, morningglory.	Valor 51 WDG 2 to 3 oz/A.	Preemerge immediately after planting.	Do not apply after cracking. Do not irrigate while peanuts are cracking.
imazethapyr @ 0.063 lb/A	Nutsedge suppression plus broadleaves.	Pursuit 70 DG 1.44 oz/A.	Shallow incorporation through at-crack.	May be tank mixed with Dual.
Postemergence				
2,4-DB @ 0.2 lb/A	Common cocklebur, morning-glory.	Butyrac, Butoxone 0.8 pt/A of 2 lb/gal, 2,4-DB or 1 pt/A of 1.75 lb/gal 2,4-DB.	Overtop. 2 to 12 weeks after planting.	See label for description. Cutoff is 12 weeks after planting. Late season use results in yield loss. Do not apply if peanuts are drought stressed.
bentazon @ 0.75 to 1 lb/A	Common cocklebur, prickly sida, spurred anoda, velvetleaf, smartweed, common ragweed. Refer to soybean rating table.	Basagran 4L 1.5 to 2 pt/A.	Overtop to small weeds.	Do not apply to peanuts in stress condition. See label for details.
acifluorfen @ 0.375 to 0.5 lb/A	Pigweed, morningglory, prostrate spurge, hophornbeam, copperleaf, and many other broadleaf weeds. Refer to soybean rating table.	Ultra Blazer 2L 1.5 to 2 pt/A. For most weeds use 2 pt rate. Refer to label.	Overtop when weeds are in 2- to 4-leaf stage.	Do not apply within 75 days of harvest. Refer to label for other restrictions and precautions.

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bentazon + acifluorfen @ 0.5 + 0.25 lb/A	See Basagran and Ultra Blazer comments above. Refer to soybean rating table.	Storm 4L 1.5 pt/A. Add 1 pt/A crop oil concentrate.	Over top to small weeds.	See Basagran and Ultra Blazer comments above.
paraquat @ 0.13 lb/A	Most annual grasses and broadleaf weeds.	Firestorm/Parazone 3 SL 5.5 oz/A + surfactant (page 3). May be repeated 28 days after first application.	At planting or prior to crop emergence.	Some crop injury may occur in the form of browning and leaf crinkling but will recover and develop normally. The addition of Basagran to paraquat may reduce peanut foliar burn. The Gramoxone 2 SL rate for peanuts is 8-12 oz/A.
imazethapyr @ 0.063 lb/A	Morningglory, common cocklebur, spotted spurge, yellow and purple nutsedge, velvetleaf, ragweeds, pigweeds, smartweed and nightshades.	Pursuit 70 DG 4 oz/A 2SL or 1.44 oz/A 70 DG. Add a surfactant.	At cracking or early postemergence to small weeds.	Refer to label for crop rotation restrictions. Weed control with Pursuit will be slow.
sethoxydim @ 0.2 to 0.3 lb/A	Annual grasses and johnsongrass.	Poast Plus 1E 1 to 1.5 pt/A. Add 1 qt/A crop oil concentrate. Use 1 pt rate for small annual grasses.	Before annual grasses exceed 14 days after emergence. johnsongrass - 15" to 20"	See comments for Poast Plus in soybean section. Do not apply more than 2.5 pt/A per year.
clethodim @ 0.125 to 0.156 lb/A	Annual grasses and johnsongrass.	Select 2 EC 8 to 10 oz/A. Add 1% crop oil concentrate.	Before annual grasses exceed 14 days after emergence. johnsongrass - 15" to 20"	See comments for Select in soybeans.
imazapic @ 0.063 lb/A	Most broadleaf and grass weeds, nutsedge, and johnsongrass.	Cadre 70 DG 1.44 oz/A. Add a nonionic surfactant or crop oil concentrate.	Early postemergence to small weeds.	See label for details, precautions and plant-back intervals.
lactofen @ 0.195 lb/A	Most broadleaf weeds.	Cobra 2 EC 12.5 oz/A + 1% v/v crop oil concentrate.	After 6-leaf stage. 45 days prior to harvest.	Rain-free period is 30 minutes.
Harvest Aid				
carfentrazone @ 0.031 lb/A	Morningglory desiccation.	Aim 2 EC 2 oz/A + 1% v/v crop oil concentrate.	7 days prior to harvest.	Do not feed peanut hay only. One application per season. 6 to 8 hours required prior to rain or irrigation for digging.
ALS-Resistant Pigweed Programs*				
Program 1				
Prowl preplant incorporated, followed by Valor, followed by Cobra or Ultra Blazer + 2,4-DB on 3" or smaller pigweed.				
Program 2				
Prowl preplant incorporated, followed by paraquat + Storm + Dual at cracking, followed by Cobra or Ultra Blazer + Dual Magnum on 3" or smaller pigweed.				
*ALS peanut herbicides include Cadre, Pursuit and Strongarm.				