

Soybean Herbicide

Compatibility with Fertilizers as Application Carriers

Herbicide	Fertilizer	
	Fluid	Dry
Assure II	N	N
Broadstrike + Dual or Treflan	Y	Y
Canopy	Y	Y
Dual Magnum	Y	Y
FirstRate	Y	Y
Glyphosate	N	N
Gramoxone	Y	N
Ignite	N	N
Outlook	Y	Y
Prowl	Y	Y
Pursuit	Y	N
Python	Y	Y
Scepter	Y	N
Select	N	N
Sencor	Y	Y
Synchrony XP	N	N
Treflan/Trilin/trifluralin	Y	Y
Turbo	Y	Y
Valor	Y	Y

Y = Yes, N = No

There are many specific fertilizer incompatibilities and restrictions with most herbicides. Be sure to read the herbicide label for specific mixing or impregnation instructions. Compatibility agents are required for many mixes. A typical compatibility test procedure for mixing herbicides in fluid fertilizers is given on page 4. NOTE: Compatibility with dry fertilizer is listed here from a labeling standpoint. The University of Arkansas only recommends herbicide application on dry fertilizer as a third alternative to spraying in water or in liquid fertilizer.

Rainfall-free Periods for Postemergence Herbicides

Herbicide	Time Before Rainfall
2,4-DB	NA*
Assure II	1 hr
Basagran	8 hrs
Classic	4 hrs
Cobra	30 min
FirstRate	2 hrs
Fusilade, Fusion	1 hr
Glyphosate	6 hrs
Gramoxone	30 min
Ignite	4 hrs
Poast/Poast Plus	1 hr
Pursuit	1 hr
Python	4 hrs
Reflex, Flexstar, Typhoon	4 hrs
Resource	1 hr
Scepter	2 hrs
Select	1 hr
Storm	8 hrs
Synchrony XP	4 hrs
Touchdown	4 hrs.
Ultra Blazer	6 hrs
Valor	1 hr

These are intervals that must occur between application and the first rainfall event in order for no loss in herbicide activity to occur.

Soybean Postemergence Herbicide

Preharvest Application Intervals (PHI)

Herbicide	PHI
2,4-DB	60 days
Assure II	80 days
Basagran	No restrictions
Classic	60 days
Cobra	90 days
FirstRate	65 days
Fusilade DX	1st bloom
Glyphosate	After flowering
Ignite	70 days
Poast/Poast Plus	90 days
Pursuit	85 days
Python	85 days
Reflex, Flexstar, Typhoon	1st bloom
Resource	60 days
Scepter	90 days
Select	60 days
Storm	50 days
Synchrony XP	60 days
Ultra Blazer	50 days
Valor	60 days

These intervals are the number of days that must be allowed between herbicide application and harvest. Applications made after these interval restrictions could cause illegal herbicide residues to be present in the harvested grain.