

TABLE 2K – Labeled Tank Mixes With Postemergence Grass Herbicides in Soybeans*

BROADLEAF HERBICIDES	GRASS HERBICIDES											
	Assure II		Fusilade DX		Fusion		Poast		Poast Plus		Select/Arrow	
Basagran	-	Y ¹	-	Y	-	Y	Y	Y ^{2,9}	Y	Y ^{3,9}	-	Y ⁴
Classic	-	Y ¹	-	Y ⁷	-	Y ¹⁰	-	Y	-	Y	-	Y ⁴
Cobra	Y	Y	Y	Y	-	Y	-	Y	-	Y	Y	Y
FirstRate	Y	Y ^{4,11,13}	-	-	Y	Y ^{4,10,11}	-	Y	Y	Y	Y	-
Flexstar	Y	-	Y	-	Y	Y	Y	Y	Y	Y	Y	Y
Harmony GT	Y	Y ^{1,5}	-	-	-	Y ¹⁰	-	-	N	-	-	-
Pursuit	-	Y ⁶	-	Y ^{6,7}	-	Y ⁷	-	Y ^{6,9}	-	Y ^{6,9}	-	Y ⁶
Raptor	Y	- ⁶	Y	- ⁶	Y	Y ⁶	-	Y ^{6,9}	Y	Y ^{6,9}	Y	Y ⁶
Reflex	Y	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Resource	Y	-	Y	-	Y	-	Y	Y	Y	Y	Y	Y
Scepter	-	-	-	-	-	Y ¹⁰	-	-	-	-	-	-
Synchrony STS	Y	Y ^{1,5}	-	-	Y	Y ⁷	-	Y	Y	Y	Y	Y ⁴
Ultra Blazer ⁸	Y	- ^{11,12}	Y	Y	Y	Y ¹¹	Y	Y ^{2,11}	Y	Y ¹¹	Y	Y

* **Y = yes, can be mixed; N = no, cannot be mixed; - = not listed on label.** In the columns, the first letter is based on the broadleaf herbicide label, while the second letter is based on the grass herbicide label. (For example "Y -" means that the tank mix is listed on the broadleaf herbicide label but is not listed on the grass herbicide label.)

TANK MIXES: Tank mixing saves time and application cost but is only labeled for some herbicides and for a limited number of grass species. Consult pesticide labels for further information and always read and follow label directions.

SEQUENTIAL HERBICIDE APPLICATIONS: If a decision is made to make a sequential application (two trips across the field) the basic rule is that a postemergence grass herbicide should be applied 1 day prior to postemergence broadleaf herbicide(s) application. If a broadleaf herbicide is applied first, delay the application of *Assure II*, *Fusilade DX*, *Fusion*, *Poast*, *Poast Plus*, or *Select* until the grasses are actively growing again, which may be 7 days or more. Sequential applications require additional time and application costs.

- ¹ Do not tank mix if target grass is barnyardgrass, yellow foxtail, or quackgrass.
- ² Apply *Poast* at 24 oz/A when tank mixing with *Basagran*. Do not tank mix if target species is quackgrass. Do not tank mix with *Blazer* if target grass is volunteer corn.
- ³ Apply *Poast Plus* at 36 oz/A when target grass is barnyardgrass or yellow foxtail. Do not tank mix if target grass is quackgrass. Available as a prepackaged mixture of *Rezult* (*Basagran* + *Poast Plus*).
- ⁴ Grass antagonism may occur.
- ⁵ Increase *Assure II* rate to 8 oz/A if target grass is fall panicum, green foxtail, or volunteer cereals. Reduce *Assure II* rate to 5 oz/A if target grasses are 4 in. giant foxtail and 6 in. volunteer corn.
- ⁶ GRASS ANTAGONISM WILL OCCUR. NOT RECOMMENDED.
- ⁷ Tank mix only if volunteer corn or shattercane are target species.
- ⁸ For *Ultra Blazer* tank mixes, grass herbicide labels refer to *Blazer* and not *Ultra Blazer*.
- ⁹ Do not use MSO with any tank mix combinations except *Basagran*, *Pursuit*, or *Raptor*.
- ¹⁰ If the grass population consists mainly of yellow foxtail and barnyardgrass and conditions are less than optimal, a sequential application is recommended to provide satisfactory control.
- ¹¹ Sequential application is recommended.
- ¹² If tank mixed with *Assure II*, include 0.25% NIS; if tank mixed with other grass herbicides, include 1 pt COC.
- ¹³ Do not tank mix if target species is fall panicum.