

POST RESIDUAL HERBICIDE OPTIONS IN SOYBEAN

The best weed management practice in soybeans is to use overlapping residual herbicide applications starting with a preplant or pre-emergent residual herbicide followed by a timely post emergent (POST) application combined with a residual herbicide to extend weed control until canopy closure. The herbicides in the table below offer POST options to provide additional residual activity which is especially important for control of waterhemp and Palmer amaranth that can emerge throughout the growing season.



Waterhemp emergence in August

Many of these herbicides rely on Group 15 SOA to extend residual control and to control pigweed species resistant to PPO or Group 14 SOA. However, Group 15 herbicides do not have POST activity so any weeds present at time of application will need to be controlled by either another component in the premix or the addition of an effective tank mix partner. With the recent development of resistance/tolerance of some pigweed populations to Group 15 chemistry, it may be wise to rotate chemistry within this group and to use the highest labeled rates to delay the further selection of tolerant biotypes.

Product*	SOA	Rate	Timing	Comments
Soil Residual Only				
Dual II Magnum/ Brawl II	15	1.0-1.33 pt/A	VE-V3	Application made with COC or UAN may cause temporary leaf burn or stunting. 2.6 pt/yr maximum
Dual Magnum / EverpreX / Brawl	15	1.0-1.33 pt/A	90-day PHI	Application made with COC or UAN may cause temporary leaf burn or stunting. 2.6 pt/yr maximum
Outlook	15	12-21 fl oz/A	VE-V5	Check label for soil type restrictions and rates. 24 fl oz/yr maximum.
Warrant	15	1.25-2.0 qt/A	VE-R2	V2-V3 optimum timing. 4 qt/yr maximum
Zidua SC	15	1.75-5.75 fl oz/A	VE – V6	May cause some stunting or leaf burn. See label for use rates and maximum yearly amounts based on soil type.
Soil Residual Herbicides with Post-Emergent Activity				
Anthem Maxx	14,15	2.0 - 5.7 fl oz/A	Through V6	Check label for soil type restrictions and rates. Use Stake or Savvy @ 2 qt/100 gal or Prefer 90 NIS @ 1 qt/100 gal
Perpetuo	14,15	6-10 fl oz/A	Up to V6	Apply once per year. See label for maximum use rates. Use Stake or Savvy @ 2 qt/100 gal
Prefix	14,15	2 - 2.33 pt/A	90-day PHI	Check label for regional guidelines for maximum use rates. Use Prefer 90 NIS @ 1 qt/100 gal. Do not use COC.
Pummel	2,15	2 pt/A	Through V5	Fomesafen can be added to increase pigweed and ragweed species control. Check label restrictions for maximum annual use rates.
Sequence	9, 15	2.25 – 3.5 pt/A	90-day PHI	For use in glyphosate tolerant soybeans. Check label for soil type restrictions and rates.
Tavium	4, 15	56.5 fl. oz/A	Through V4 45-day PHI	For use on dicamba tolerant soybeans only. Use Veracity Elite II @ 5 pt/100
Torment	2,14	0.75-1.0 pt/A	Weeds <3"	This product is less effective for residual control of waterhemp or Palmer amaranth. Add Stake or Savvy @ 2qt/100 gal or Prefer 90 NIS @ 1 qt/100 gal plus UAN or AMS. See label for regional restriction pertaining to maximum fomesafen rates.
Warrant Ultra	14,15	48-70 fl oz/A	VE-R2 45-day PHI	Check label for regional guidelines for maximum use rates. Use Stake or Savvy @ 2 qt/100 gal or Prefer 90 NIS @ 1 qt/100 gal

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ALWAYS READ AND FOLLOW LABEL DIRECTIONS.

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