

Crop, Situation, and Active Chemical Per Broadcast Acre	Weeds Controlled	Formulated Material Per Broadcast Acre	Time of Application	Method of Application and Precautions
SOYBEANS Preemergence and Early Postemergence - Roundup Ready Xtend and XtendFlex – Soybean				
dicamba @ 0.5 to 1.0 lb/A	Most annual broadleaf weeds including Palmer amaranth.	Engenia or Xtendimax 12.8 or 22 oz/A.	Roundup Ready Xtend or XtendFlex varieties only. Prior to or at planting or prior to the cutoff date, whichever comes first. Check websites for legal tank-mixtures.	Check Arkansas State Plant Board website (www.aad.arkansas.gov) for additional restrictions. Residual control of dicamba is lost rapidly following a rainfall. University research has shown a tank-mix with glyphosate reduces spray pH and increases volatility potential. Additional research has shown antagonism between dicamba and Group 1, ACCase inhibiting herbicides when tank-mixed.
dicamba + S-metolachlor @ 0.5 + 1.0 lb/A.	Most annual broadleaf weeds, including Palmer amaranth, and residual control of grasses.	Tavium 56.5 oz/A.	Roundup Ready Xtend or XtendFlex varieties only. Prior to or at planting through V4 or prior to the cutoff date, whichever comes first. Check websites for legal tank-mixtures.	See comments above.

SOYBEANS Postemergence
Postemergence – All Cultural Systems
Soybean Growth Stages for Applying Postemergence Herbicides

Illustrations courtesy of Chris Meux, University of Arkansas System Division of Agriculture, Research and Extension



VC
Fully developed leaves at unifoliate nodes



V1
Fully developed trifoliate leaf at the node above the unifoliate nodes.



V2
Two fully developed trifoliate leaves above the unifoliate nodes.