

Application Cut-Off Timings for Common Herbicides

The table below provides the application cut-off timing for common herbicides used across 7 field crops in Arkansas determined from herbicide labels in 2021. Trade names of herbicides are primarily used throughout. Trade names and labels are subject to change; always read and follow the latest label instructions. A blank space indicates the herbicide is not labeled for use in that respective crop, and PHI is the abbreviation for pre-harvest interval. *The timings presented in the table do not represent University of Arkansas System Division of Agriculture recommendations; they are simply the application cut-off timings per the herbicide label. Remember, herbicides are always more effective when applied timely and earlier in the season on small, actively growing weeds.*

Please check the MP44 Recommended Chemicals for Weed and Brush Control for the latest research-supported recommendations.

CUT-OFF TIMINGS							
HERBICIDE	COTTON	FIELD CORN	GRAIN SORGHUM	PEANUT	RICE	SOYBEAN	WHEAT
Accent Q		20" or V6					
Acuron		12"					
Afforia	2.5 oz/A - 30 days prior to planting >2.5 oz/A - 60 days prior to planting	Minimum/No-Till - 14 days prior to planting Conventional Till - 28 days prior to planting	30 days prior to planting	45 days prior to planting	2.5 oz/A - 30 days prior to planting >2.5 oz/A - 60 days prior to planting	7 days prior to planting to crop emergence	2.5 oz/A - 30 days prior to planting >2.5 oz/A - 60 days prior to planting
Aim	POST-direct layby with PHI 7 days	V14	Pre-boot	PHI 7 days	PHI 60 days	V10	boot
Anthem		V4				V3	
Anthem ATZ		V4					
Anthem Flex	POST-direct layby with PHI 7 days	V4		Beginning pod		Before cracking	4th tiller
Anthem Maxx		V4				PHI 60 days	
Armezon		V8 or PHI 45 days					
Assure II	PHI 80 days					PHI 80 days	
Atrazine 4L		12"	12"				
Authority Edge						3 days after planting	
Authority Elite						3 days after planting	
Authority MTZ DF						3 days after planting	
Authority Supreme						3 days after planting	
Axial Bold							Pre-boot or PHI 70 days
Axial XL							Pre-boot or PHI 60 days
Axiom DF		Before emergence				Before crop emergence	2 leaves emerged
Balance Flexx		V2					
Basagran/Broadloom			Heading or blooming	From cracking to pegging			
Beyond					Panicle initiation +14 days		
Bicep II Magnum		12"	12"				
Bolero							
Boundary						Before crop emergence	
Brake	36 hours after planting						
Broadaxe XC						Before crop emergence	
Broclean (bromoxynil)		Tasseling	Growth stage 4, Pre-boot				Boot
Cadre				PHI 90 days			
Callisto		30" or V8					
Canopy DF						Before crop emergence	
Caparol 4L	Layby - Directed						
Capreno		20" or V7					
Clarity	21 days preplant + 1" rain	36" or 15 days pre-tassel	15" - Use drop nozzles >8"			14-28 days preplant	Jointing
Classic				PHI 45 days		60 days before soybean maturity	
Clearpath					5 leaf growth stage prior to flood		
Clethodim/Select	PHI 60 days			PHI 40 days		PHI 60 days	
Clincher SF					PHI 60 days		
Clomazone/Command	PHI 65 days				5 leaf growth stage	3 days after planting	

^a Rate dependent on soil texture, organic matter, pH, erodibility, days of residual activity desired, crop growth stage or type, or other field conditions. ^b Cut-off date may vary depending on state regulations, visit the Arkansas State Plant Board website for latest regulations. ^c At least 30 days and three separate rainfall events of 0.25 inches per event; if not sufficient rainfall, then till 2 inches deep before planting. ^d Sulfonyleurea-tolerant (STS/BOLT) soybean only. ^e Only for grain sorghum with INZEN trait.

CUT-OFF TIMINGS							
HERBICIDE	COTTON	FIELD CORN	GRAIN SORGHUM	PEANUT	RICE	SOYBEAN	WHEAT
Cobra	POST-direct layby with PHI 70 days			PHI 45 days		R6 or PHI 45 days	
Corvus		V2					
Cotoran	Directed layby to PHI 60 days						
Direx	POST-direct layby when cotton reaches 12"	20"	15"				
Distinct		7 to 15 days prior to planting ^a					
Dual Magnum	10 leaf cotton, 100 day PHI	40"	75 day PHI	Flowering		75 day PHI	
Duet					Panicle initiation or green ring		
Elevore	30 days prior to planting	14 days prior to planting	14 days prior to planting	9 months prior to planting	14 days prior to planting	14 days prior to planting	14 days prior to planting
Engenia	Cut-off date ^b					Cut-off date ^b	
Enlist One	Mid-bloom	30" tall and 48" tall if drop nozzles are used				R2	
Enlist Duo	Mid-bloom	30" tall and 48" tall if drop nozzles are used				R2	
Envive						Prior to emergence	
Envoke	60 days prior to harvest						
Express							Flag leaf emergence
Facet L			12" tall plants		40 days prior to harvest		
Fierce	6" hooded sprayer and 16" for layby					Cracking	
Finesse G&B							Jointing
FirstRate						Flowering	
FirstShot	14 days prior to planting	14 days prior to planting	14 days prior to planting		Plant immediately after an application	7 days prior to planting	Plant immediately after an application
Flexstar						45 day PHI	
Flexstar GT 3.5	POST-direct layby with 70 day PHI					45 day PHI	
Fusilade DX/Fusion	Do not apply after boll set			40 day PHI		60 day PHI	
Gambit		6 leaf	Prior to heading		48 days prior to harvest		
Glufosinate/Liberty	Early-bloom	6 leaf				R1	
Glyphosate	7 day PHI	7 day PHI				R2	
Goal 2XL	30 days prior to planting ^c	30 days prior to planting ^c				30 days prior to planting ^c	
Grandstand					1/2" internode		
Grasp					60 day PHI		
Guardsman Max		12"	12"				
Halex GT		30"	Prior to crop emergence				
Harmony Extra							Flag leaf emergence
Harmony GT						Flowering	Flag leaf emergence
Harness		11"					
Helmet Maxx		12" tall					
Hoelon							Jointing
Huskie			30"				Flag leaf emergence
Intimidator						Planting	
Katagon		V5 or 20" tall					
Keystone NXT		11"					
Laudis		V8					
Layby Pro							
Leadoff	1.5 oz/A - 30 days prior to planting 2 oz/A - 60 days prior to planting	Prior to emergence		45 days prior to planting		1.5 oz/A - 30 days prior to planting 2 oz/A - 60 days prior to planting Any rate - 0 days prior to planting BOLT soybean	
League					2" internode		
Londax					60 day PHI		
Lexar EZ		12", 60 day PHI	Preplant to Pre-emerge only				
Loyant					60 day PHI		
Marksman		Before crop reaches 8" tall	PRE - at least 15 days before planting POST - 5 leaf				
Metribuzin/Sencor/Tricor						Before crop emergence	

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HERBICIDE	COTTON	FIELD CORN	GRAIN SORGHUM	PEANUT	RICE	SOYBEAN	WHEAT
MSMA (6 lb form)	POST 3-6" or early first square, or directed spray to first bloom						
Newpath/Preface					5 leaf rice		
Obey					5 leaf rice		
Osprey							Jointing stage of growth
Outlook	Mid-bloom	POST - 12" tall Layby - 12" to 36" tall	12"	80 days before harvest		5th trifoliolate	
Paraquat/ Gramoxone	Harvest aid - 3 day PHI Crop maturity - all other uses	Harvest Aid - 7 day PHI Crop maturity - all other uses	Prior to crop emergence POST-direct - PHI 20 days for forage, 48 days for grain	28 days after cracking	Prior to crop emergence	Harvest Aid - 15 day PHI Crop maturity - all other uses	Prior to crop emergence
Peak		60 days before harvest	Before 30" high or head emergence				Before the second node detectable in stem elongation
Permit/HaloMax		30 days prior to harvest before grazing livestock, harvesting forage, or harvesting silage	Before grain head emergence		48 day PHI		
Permit Plus		5-collars or 6-leaf			48 day PHI	R2 ^d	
Poast Plus	40 day PHI/Do not apply after pollination	45 day PHI		40 day PHI		75 day PHI	
Postscript					Panicle initiation +14 days		
PowerFlex HL							60 day PHI
Prefix	POST-direct layby with 80 day PHI					90 day PHI	
Provisia					Up to panicle initiation		
Prowl H2O	60 day PHI	30" tall or in V8 growth stage, whichever is more restrictive	Layby	Up to 2 days after planting		85 day PHI	Grain-60 days PHI Hay-28 days PHI Forage-11 days PHI
Python		85 day PHI				85 day PHI	
Quelex							60 day PHI
Realm Q		20" tall or V6, 70 day PHI					
RebelEX					60 day PHI		
Reflex	POST-direct layby with 70 day PHI					45 days PHI	
Regiment					Panicle initiation		
Resicore		11" tall- 45 day PHI					
Resolve Q		20" tall or exhibiting 7 leaf collars					
Reviton	14 days prior to plant	Day of planting				14 days prior to plant	Day of planting
RiceBeaux					60 day PHI		
Ricestar HT					Before panicle initiation, 65 day PHI		
Scepter						90 days prior to harvest	
Sequence	10 Leaf or 12" 100 day PHI	V8 or 30" corn	Before crop emergence	Before crop emergence		75 days prior to harvest	
Sharpen	42 days preplant + 1" rain	14 days prior to planting	Before crop emergence		Prior to 1/2" internode elongation	Before cracking stage	Before crop emergence
Sonalan				Preplant incorporated (prior to planting)		Preplant incorporated (prior to planting)	
Solicam	Preemergence only			Preemergence only		Preemergence only	
Sonic/Authority First						3 days after planting	
Spartan						3 days after planting	
Spartan Charge				3 days after planting/ prior to emergence		Prior to emergence	
Stam M4					60 day PHI		

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HERBICIDE	COTTON	FIELD CORN	GRAIN SORGHUM	PEANUT	RICE	SOYBEAN	WHEAT
Staple LX	60 day PHI						
Status		Prior to 36", V8, or 15 days before tassel emergence, whichever comes first					
Storm				PRE- At cracking, prior to emergence. POST- 75 day PHI	Early boot stage	PRE- At cracking, prior to emergence. POST- 50 day PHI	
Strada WG					4" weeds/pre-flood		
Strada PRO					4" weeds/ 48 days prior to harvest		
Strada XT					Prior to 1/2" internode elongation or 40 day prior to harvest, whichever is more restrictive		
Strongarm				Prior to cracking			
Surestart II		PRE- Prior to emergence. POST- Up to 11"					
Surpass		PRE- Prior to emergence. POST- Up to 11"					
Surveil						Prior to crop emergence	
Tavium	Prior to or at planting through 6-leaf, or prior to the cutoff date, whichever comes first					Prior to or at planting through V4 or prior to the cutoff date, whichever comes first	
Treflan	90 day PHI	6 weeks prior to harvest or prior to 30" corn	Prior to 24" crop	Immediately after planting			
Trivence						Prior to crop emergence	
Ultra Blazer				75 day PHI	50 day PHI	50 day PHI	
Valor	POST-direct layby with 60 day PHI	7-30 days prior to planting ^a		Prior to crop emergence		Within 3 days after planting and prior to crop emergence	
Verdict		Prior to crop emergence	Prior to crop emergence			0 - 44 days ^a	
Warrant	Prior to first bloom	PRE - Prior to crop emergence POST - Prior to 30" crop	Prior to 11" crop or 5-6 leaf crop	Up to R1 growth stage		PRE - 0 to 14 days prior to planting ^a POST - R2 growth stage	
Xtendimax	Prior to or at planting or prior to the cutoff date, whichever comes first					Prior to or at planting or prior to the cutoff date, whichever comes first	
Zest ^e			20"				
Zidua SC	POST-direct layby prior to beginning bloom	PRE - Before crop emergence POST - Spiking up to V4		Prior to beginning of pod development		Up to sixth-trifoliolate leaf stage	Up to 4th-tiller growth stage
Zidua Pro						Prior to cracking and emergence	
Zone Maxx						Prior to emergence	
2,4-D		7-10 days prior to tasseling to dough stage	15" crop, prior to boot, tasseling, or early dough stages		Prior to panicle initiation	30 days prior to planting	Prior to boot stage
2,4-DB/Butyrac				100 days after planting or 60 day PHI		60 day PHI	

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