

Max Use Rates per Application and per Season for Common Herbicides

The table below provides the maximum use rates per application and per season for common herbicides used across 7 field crops in Arkansas determined from herbicide labels in 2025. Trade names of herbicides are primarily used throughout. The number provided on the left in each cell is the maximum use rate per application and the number on the right in each cell is the maximum use rate not to be exceeded in a single season. A blank space indicates the herbicide is not labeled for use in that respective crop.

Trade names and labels are subject to change; always read and follow the latest label instructions. The values presented in the table do not represent University of Arkansas System Division of Agriculture recommendations; they are simply the maximum allowable rate indicated on the herbicide label. Please check the MP44 Recommended Chemicals for Weed and Brush Control for the latest research-supported recommendations.

MAX USE RATE (PER APPLICATION PER YEAR)														
HERBICIDE	COTTON		FIELD CORN		GRAIN SORGHUM		PEANUT		RICE		SOYBEAN		WHEAT	
Accent Q			1.8 oz/A	1.8 oz/A										
Acuron			3 qt/A	3 qt/A										
Afforia	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A	3.75 oz/A
Aim	1.6 fl oz/A ^a	7.9 fl oz/A	1 fl oz/A	2 fl oz/A	0.5 fl oz/A	1 fl oz/A	2 fl oz/A	6.1 fl oz/A	3.2 fl oz/A	8.8 fl oz/A	1.5 fl oz/A ^a	1.5 fl oz/A	1 fl oz/A	2 fl oz/A
Anthem			4-12 fl oz/A ^b	9-16.3 fl oz/A ^b							4-11 fl oz/A ^b	6.8-11.4 fl oz/A ^b		
Anthem ATZ			1.5-3 pt/A ^b	39-70 fl oz/A ^b										
Anthem Flex	1.37-1.8 fl oz/A ^{ab}	5.46-7.6 fl oz/A	2.25-6.5 fl oz/A ^b	5-9.1 fl oz/A ^b			2.7 - 4 fl oz/A ^b	9.12 fl oz/A			3.8-6.4 fl oz/A ^b	3.8-6.4 fl oz/A ^b	2.7-4.55 fl oz/A ^b	4.55 fl oz/A
Anthem Maxx			4-6.5 fl oz/A ^b	4.5-8.15 fl oz/A ^b							3.25-5.7 fl oz/A ^b	3.4-5.7 fl oz/A ^b		
Armezon			1 fl oz/A	1 fl oz/A										
Assure II	12 fl oz/A	18 fl oz/A									12 fl oz/A	18 fl oz/A		
Atrazine 4L			3.2-4 pt/A ^b	5 pt/A	3.2-4 pt/A ^b	5 pt/A								
Authority Edge											7.9-15.7 fl oz/A ^b	7.9-15.7 fl oz/A ^b		
Authority Elite											25-38.7 fl oz/A ^b	25-38.7 fl oz/A ^b		
Authority MTZ DF											12-20 oz/A ^b	12-20 oz/A ^b		
Authority Supreme											6.9-11.5 fl oz/A ^b	6.9-11.5 fl oz/A ^b		
Axial Bold													15 fl oz/A	15 fl oz/A
Axial XL													16.4 fl oz/A	16.4 fl oz/A
Axiom DF			8-23 oz/A ^b	23 oz/A							7-13 oz/A ^b	13 oz/A	4-10 oz/A ^b	10 oz/A
Balance Flexx			3-6 fl oz/A ^b	3-6 fl oz/A ^b										
Basagran/ Broadloom			2 pt/A	4 pt/A	2 pt/A	2 pt/A	2 pt/A	4 pt/A	2 pt/A	4 pt/A	2 pt/A	4 pt/A		
Beyond									6 fl oz/A	10 fl oz/A				
Postscript									6 fl oz/A	15 fl oz/A				
Bicep II Magnum			1.3-2.58 qt/A ^b	3.23 qt/A	1.6-2.1 qt/A ^b	2.58 qt/A								
Bolero									3-4 pt/A ^b	4 pt/A				
Boundary											2.1-3.0 pt/A ^b	2.1-3.0 pt/A ^b		
Brake	16-32 fl oz/A	32 fl oz/A					16 fl oz/A	16 fl oz/A						
Broadaxe XC											25.0-38.7 fl oz/A ^b	38.7 fl oz/A		
Broclean (bromoxynil)			2 pt/A	2 pt/A	1.5 pt/A	1.5 pt/A							2 pt/A	2 pt/A
Cadre							4 fl oz/A	4 fl oz/A						
Callisto			PRE: 6.0-7.7 fl oz/A ^b Post: 3.0 fl oz/A	7.7 fl oz/A										
Canopy DF											3.5-7 oz/A ^b	3.5-7 oz/A ^b		

^a Directed spray or hooded sprayer rates.

^b Rate dependent on soil texture, organic matter, pH, erodibility, days of residual activity desired, crop growth stage or type, or other field conditions. Check label for specific rates.

^c Sulfonyleurea-tolerant (STS/BOLT) soybean only.

^d Only for sorghum with INZEN trait.

^e Glufosinate resistant cultivars or hybrids.

^f Do not apply on coarse textured soils with less than 1.5% organic matter. Do not apply on soils having pH 7.0 or greater.

MAX USE RATE (PER APPLICATION PER YEAR)														
HERBICIDE	COTTON		FIELD CORN		GRAIN SORGHUM		PEANUT		RICE		SOYBEAN		WHEAT	
Caparol 4L	3.2-5.6 pt/A ^b	10.3-11.9 pt/A ^b												
Capreno			3-6 fl oz/A ^b	6 fl oz/A										
Clarity	8 fl oz/A	8 fl oz/A	8 - 16 fl oz/A ^b	24 fl oz/A	8 fl oz/A	16 fl oz/A							4 fl oz/A	16 fl oz/A
Classic							0.5 oz/A	0.5 oz/A			0.75-3 oz/A ^c	4.28 oz/A ^c		
Clearpath									0.72 lb	0.72 lb				
Clincher SF									15 fl oz/A	25 fl oz/A				
Clomazone/Command	21.3-53.3 fl oz/A ^b	53.3 fl oz/A							14.1-34.1 fl oz/A ^b	34.1 fl oz/A	21.3-53.3 fl oz/A ^b	53.3 fl oz/A		
Cobra	12.5 fl oz/A ^b	25 fl oz/A					12.5 fl oz/A	25 fl oz/A			12.5 fl oz/A	25 fl oz/A		
Corvus			3.33-5.6 oz	5.6 oz										
Cotoran	1.6-4 pt/A ^b	4-6 pt/A ^b												
Direx	26-70 fl oz/A ^b	6.4 lbs/A	26 fl oz/A	51 fl oz/A	12.8 fl oz/A	12.8 fl oz/A								
Distinct			8 oz/A	10 oz/A										
Dual Magnum	1.0-1.33 pt/A ^b	2.6 pt/A	1.33-2.6 pt/A ^b	3.9 pt/A	1.33-1.67 pt/A ^b	1.67 pt/A	2 pt/A	2.0 pt/A			1.33-2.6 pt/A ^b	3.9 pt/A		
Duet									192 fl oz/A	256 fl oz/A		3.9 pt/A		
Elevore	1 fl oz/A	2 fl oz/A	1 fl oz/A	2 fl oz/A	1 fl oz/A	2 fl oz/A			1 fl oz/A	2 fl oz/A	1 fl oz/A	2 fl oz/A	1 fl oz/A	2 fl oz/A
Engenia	12.8 fl oz/A	51.2 fl oz/A									12.8 fl oz/A	51.2 fl oz/A		
Enlist One	32 fl oz/A	96 fl oz/A	32 fl oz/A	96 fl oz/A							32 fl oz/A	96 fl oz/A		
Enlist Duo	76 fl oz/A	228 fl oz/A	76 fl oz/A	228 fl oz/A							76 fl oz/A	228 fl oz/A		
Envive											2.5 - 5.3 oz/A ^b	2.5 - 5.3 oz/A ^b		
Envoke	0.15-0.25 oz/A ^b	0.40 oz/A												
Express													0.5 oz/A	0.5 oz/A
Facet L					32 fl oz/A	32 fl oz/A			43 fl oz/A	43 fl oz/A				
Fierce	6 oz/A	12 oz/A									7.5 oz/A	7.5 oz/A		
Finesse G&B													0.9 oz/A	0.9 oz/A
FirstRate											0.6 oz/A	0.6 oz/A		
FirstShot	0.8 oz/A	1.0 oz/A	0.8 oz/A	1.0 oz/A	0.8 oz/A	1.0 oz/A			0.8 oz/A	1.0 oz/A	0.8 oz/A	1.0 oz/A	0.8 oz/A	1.0 oz/A
Flexstar											1.6 pt/A	1.6 pt/A		
Flexstar GT 3.5	PRE: 3.5-5.3 pt/A ^b Post-direct: 3.5 pt/A ^a	3.5-5.3 pt/A ^b									3.5-5.3 pt/A ^b	3.5-5.3 pt/A ^b		
Fusilade DX/Fusion	24 fl oz/A	48 fl oz/A					24 fl oz/A	48 fl oz/A			24 fl oz/A	30 fl oz/A		
Gambit			2 oz/A	2 oz/A	1.5 oz/A	1.5 oz/A			2 oz/A	2 oz/A				
Surveil											4.2 oz/A	4.2 oz/A		
Glufosinate/Liberty	43 fl oz/A ^a	87 fl oz/A ^a	43 fl oz/A ^a	87 fl oz/A ^a							43 fl oz/A ^a	87 fl oz/A ^a		
Glyphosate	32 fl oz/A	5.3 qt/A	32 fl oz/A	5.3 qt/A							44 fl oz/A	5.3 qt/A		
Goal 2XL	32 fl oz/A	32 fl oz/A	32 fl oz/A	32 fl oz/A							32 fl oz/A	32 fl oz/A		
Grandstand									16 fl oz/A	32 fl oz/A				
Grasp									2.8 fl oz/A	5.6 fl oz/A				
Guardzman Max			2.5-4.6 pt/A ^c	4.6 pt/A	2.5-4.6 pt/A ^b	4.6 pt/A								
Halex GT			4.0 pt/A	4.0 pt/A	Pre only: 6.0 pt/A	6.0 pt/A								
Harmony Extra													0.9 oz/A	1.5 oz/A
Harness			54 fl oz/A	54 fl oz/A										
Helmet Maxx			3.0-3.5 qt/A ^b	3.0-3.5 qt/A ^b										
Harmony GT											0.33 oz/A	0.33 oz/A	0.6 oz/A	1.0 oz/A
Hoelon													43 fl oz/A	43 fl oz/A
Huskie					16 fl oz/A	32 fl oz/A							15 fl oz/A	15 fl oz/A
Intimidator											76.8 fl oz/A	76.8 fl oz/A		

^a Directed spray or hooded sprayer rates.

^b Rate dependent on soil texture, organic matter, pH, erodibility, days of residual activity desired, crop growth stage or type, or other field conditions. Check label for specific rates.

^c Sulfonyleurea-tolerant (STS/BOLT) soybean only.

^d Only for sorghum with INZEN trait.

^e Glufosinate resistant cultivars or hybrids.

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MAX USE RATE (PER APPLICATION PER YEAR)													
HERBICIDE	COTTON		FIELD CORN		GRAIN SORGHUM		PEANUT		RICE		SOYBEAN		WHEAT
Katagon			3.4 fl oz/A	6.8 fl oz/A									
Keystone NXT			102.4 fl oz/A	102.4 fl oz/A									
Kyber			1.5pt/A ^f	1.5pt/A							1.5pt/A ^f	1.5pt/A	
Kyro			60 fl oz/a	60 fl oz/a									
Laudis			3 fl oz/A	6 fl oz/A									
Layby Pro													
Leadoff	2 oz/A	2 oz/A	2.7 oz/A	2.7 oz/A			1.5 oz/A	1.5 oz/A			2 oz/A	2 oz/A	
League									6.4 oz/A	6.4 oz/A			
Lexar EZ			3.5 qt/A	3.5 qt/A	3.0 qt/A	3.0 qt/A							
Liberty Ultra	29 oz/A ^e	58 oz/A ^e	29 oz/A ^e	58 oz/A ^e							29 oz/A ^e	58 oz/A ^e	
Londax									1.67 oz/A	1.67 oz/A			
Loyant									16 fl oz/A	32 fl oz/A			
Marksman			3.5 pt/A	5.25 pt/A	2 pt/A	3.5 pt/A							
Maverick			Preplant: 32 oz/A Postemer- gence: 14 oz/A	32 oz/A									
Maxace-Highcard									15.5 oz/A	31 oz/a			
Metribuzin/ Sencor/Tricor											0.5 - 1.33 lb/A ^b	0.5 - 1.33 lb/A ^b	
MSMA (6 lb form)	2.67 pt/A	5.34 pt/A											
Newpath/ Preface									6 fl oz/A	12 fl oz/A			
Obey									26-52 fl oz/A ^b	26-52 fl oz/A ^b			
Osprey													4.75 oz/A
Outlook	21 fl oz/A	21 fl oz/A	18-21 fl oz/A ^b	24 fl oz/A	12-21 fl oz/A ^b	21 fl oz/A	18-21 fl oz/A ^b	21 fl oz/A			18-21 fl oz/A ^b	24 fl oz/A	4.75 oz/A
Paraquat/ Gramoxone	Preplant: 2.7 pt/A Hooded POST-direct ^a 1.3 pt/A Harvest aid: 1.3 pt/A	8 pt/A	Preplant: 2.7 pt/A Hooded POST-direct ^a 1.3 pt/A Harvest aid: 1.3 pt/A	13.33 pt/A	Preplant: 2.7 pt/A Hooded POST-direct ^a 1.3 pt/A	10.67 pt/A	Preplant: 2.5 pt/A POST: 10.8 fl oz/A	7.47 pt/A	Preplant: 2.7 pt/A	2.7 pt/A	Preplant: 2.7 pt/A 1.3 pt/A Hooded POST-direct ^a Harvest aid: 10.7 fl oz/A	7.4 pt/A	Preplant: 2.7 pt/A
Peak			1 oz/A	1 oz/A	1 oz/A	1 oz/A							0.5 oz/A
Permit/ HaloMax	1.33 oz/A	1.33 oz/A	2.67 oz/A	2.67 oz/A	1 oz/A	1 oz/A			1.33 oz/A	1.33 oz/A			
Permit Plus			0.75 oz/A	0.75 oz/A					1.5 oz/A	1.5 oz/A	1.5 oz/A ^c	1.5 oz/A ^c	
Poast Plus	3.75pt/A	11.25pt/A	2.25pt/A	4.5pt/A			2.25pt/A	3.75pt/A			3.75pt/A	7.5pt/A	
PowerFlex HL													2 oz/A
Prefix	2.33pt/A ^a	2.33pt/A ^a									PRE: 3.0 pt/A Post: 2.33 pt/A	3.0 pt/A	
Provisia									18 fl oz/A	31 fl oz/A			
Prowl H2O	4 pt/A	4.2pt/A	2-4 pt/A ^b	2-4 pt/A ^b	3pt/A	3pt/A	2 pt/A	2 pt/A	2.1 pt/A	4.2 pt/A	1.5-4 pt/A ^b	1.5-4 pt/A ^b	1.5-3 pt/A ^b
Python			PRE: 1-1.33 oz/A ^b POST: 0.89 - 1.14 oz/A	1.4 oz/A							PRE: 1-1.33 oz/A ^b POST: 0.89 - 1.14 oz/A	1.4oz/A	1.5-3 pt/A ^b
Quelex													0.75 oz/A
Realm Q			4oz/A	4oz/A									2.25 oz/A
RebelEX										20 fl oz/A	20 fl oz/A		
Reflex	1.5 pt/A	1.5 pt/A									1.5pt/A	1.5pt/A	
Regiment									0.63 oz/A	36 oz/A			
Resicore			2.25-3 qt/A ^b	2.25-3.25 qt/A ^b									
Resolve Q			1.25 oz/A	1.25 oz/A									
Reviton	3 fl oz/A	6 fl oz/A	3 fl oz/A	6 fl oz/A							3 fl oz/A	6 fl oz/A	3 fl oz/A
RiceBeaux									5.3 qt/A	5.3 qt/A			6 fl oz/A
Ricestar HT									30 fl oz/A	30 fl oz/A			
Rinde									36 oz/A	36 oz/A			
Scepter											2.8 oz/A	2.8 oz/A	
Select Max	16 fl oz/A	32 fl oz/A					16 fl oz/A	32 fl oz/A			16 fl oz/A	32 fl oz/A	

^a Directed spray or hooded sprayer rates.

^b Rate dependent on soil texture, organic matter, pH, erodibility, days of residual activity desired, crop growth stage or type, or other field conditions. Check label for specific rates.

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^e Glufosinate resistant cultivars or hybrids.

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MAX USE RATE (PER APPLICATION PER YEAR)														
HERBICIDE	COTTON		FIELD CORN		GRAIN SORGHUM		PEANUT		RICE		SOYBEAN		WHEAT	
Sequence	2.5 pt/A on <5 Leaf 3.5 pt/A on 5-10 Lea	3.5 pt/A	2.5-4.0 pt/A ^b	5.0 pt/A	4.0 pt	4.0 pt	3.4 pt/A	3.4pt/A			3.5-4.5 pt/A ^b	9.8 pt/A		
Sharpen	1.0 fl oz/A	2.0 fl oz/A	2-3 fl oz/A ^b	6.0 fl oz/A	2.0 fl oz/A	2.0 fl oz/A			PRE: 4 fl oz/A POST 1 fl oz/A	6 fl oz/A	4.0 fl oz/A	4.0 fl oz/A	2 fl oz/A	4.0 fl oz/A
Shield Ex			1.35 oz/A	2.7 oz/A										
Sinate			28 oz/A	28 oz/A										
Sonalan							1.5-3 pt/A ^b	1.5-3 pt/A ^b			1.5-3.5 pt/A ^b	1.5-3.5 pt/A ^b		
Solicam	1.25-2.5 lbs/A ^b	1.25-2.5 lbs/A ^b					.5 lb/A	.5 lb/A			1.9-2.5 lbs/A ^b	2.5 lbs/A ^b		
Sonic/ Authority First											8 oz/A	8 oz/A		
Spartan											4.5-12.0 fl oz/A ^b	12 fl oz/A		
Spartan Charge							3-10.2 fl oz/A ^c	10.2 fl oz/A			5.75-8.5 fl oz/A ^b	8.5 fl oz/A		
Stam M4									6 qt/A	8 qt/A				
Staple LX	2.1-3.8 fl oz/A ^b	5.1 fl oz/A												
Status			10 oz/A	12.5 oz/A										
Storen			2.4 qt	2.4 qt										
Storm							1.5 pt/A	3.0 pt/A	1.5 pt/A	1.5 pt/A	1.5 pt/A	3.0 pt/A		
Strada WG									2.1 oz/A	2.1 oz/A				
Strada PRO									2.5 oz/A	2.5 oz/A				
Strada XT									6.5-10 oz/A ^b	10.5 oz/A				
Strongarm							0.45 oz/A	0.45 oz/A						
Surestart II			3.0 pt/A	3.5 pt/A										
Surpass			1.5-3.00 pt/A ^b	3.0 pt/A										
Treflan	1-2 pt/A ^b	4 pt/A	0.75-2 pt/A ^b	0.75-2 pt/A ^b	0.75-2 pt/A ^b	0.75-2 pt/A ^b	1-1.5 pt/A ^b	1-1.5 pt/A ^b			1-2.5 pt/A ^b	1-2.5 pt/A ^b		
Trivence											6-10 oz/A ^b	9-10 oz/A ^b		
Trivolt			20 oz/A	20 oz/A										
Ultra Blazer							1.5 pt/A	2 pt/A	1 pt/A	1 pt/A	1.5 pt/A	2 pt/A		
Valor	2 oz/A	4 oz/A	3oz/A	3 oz/A			3 oz/A	3 oz/A			3 oz/A	3 oz/A		
Verdict			10-18 fl oz/A ^c	25 fl oz/A	10-18 fl oz/A ^c	25 fl oz/A					5-10 fl oz/A ^b	20 fl oz/A		
Warrant	1.25-2 qt/A ^c	4 qt/A	1.5-3.0 qt/A ^c	4 qt/A	1.5-3 qt/A ^c	4 qt/A	1.25-2 qt/A ^c	4 qt/A			1-2.5 pt/A ^b	4 qt/A		
Zalo	43 oz/A ^e	69 oz/A ^e									46 oz/A ^e	69 oz/A ^e		
Zest					1.33 oz/A	1.8 oz/A								
Zidua SC	2.5-3.5 oz/A ^b	2.5-3.5 oz/A ^b	4.5 - 6.5 oz/A ^b	2.5-8.25 oz/A ^b			3.5 oz/A	8.25 oz/A			3.5-5.75 oz/A ^b	3.5-5.75 oz/A ^b	1.75-4oz/A ^b	4 oz/A
Zidua Pro											6.0 oz/A	6.0 oz/A		
Zone Maxx											6.0-9.6 oz/A ^b	6.0-9.6 oz/A ^b		
2,4-D			1.07 pts/A	3.2 pts/A	2/3-2 pts/A ^b	2 pts/A			1.5-3 pts/A ^b	3.2 pts/A	2.14 pts/A	2.14 pts/A	2/3-2.7 pts/A ^b	3.7 pts/A
2,4-DB/ Butyrac							1.6 pts/A	1.6 pts/A			POST: 0.9 pt/A POST-direct 1.6 pt/A ^d	1.6 oz/A		

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