

# CHEMICAL WEED CONTROL FOR FIELD CROPS

## Plant-back Interval for Fall, Pre-Plant, and PRE Herbicides

Herbicide	Rate/A <sup>a</sup>	See paragraph	months before planting (d = days)														
			Alfalfa	Barley	Canola	Chick pea / Lentil	Corn	Dry bean	Field pea	Flax	Oat	Potato	Safflower	Soybean	Sugarbeet	Sunflower	HRS / Durum Wheat
2,4-D <sup>4</sup> amine	0.5 lb ai	B3	1	0	1	1	7d	1	1	1	1	1	1	15d	1	1	0
	1 lb ai	B3	1	0	1	1	14d	1	1	1	1	1	1	1	1	1	0
2,4-D <sup>4</sup> ester	0.5 lb ai	B3	1	0	1	1	7d	1	1	1	1	1	1	7d	1	1	0
	1 lb ai	B3	1	0	1	1	14d	1	1	1	1	1	1	1	1	1	0
E-99 / Weedone 650 <sup>4</sup>	1 lb ai	B3	1	0	1	1	14d	1	1	1	1	1	1	15d	1	1	0
Aim <sup>14</sup>	0.5 to 1 fl oz	B4	0	0	0	0	0	0	0	0	0	0	N/R	0	N/R	0	0
Afforia <sup>2,2,14</sup>	2.5 - 3.75 oz	E5	3-4 <sup>a</sup>	3-4 <sup>a</sup>	4-12 <sup>a</sup>	4-12 <sup>a</sup>	5-1 <sup>a</sup>	3-4 <sup>a</sup>	3-4 <sup>a</sup>	3-4 <sup>a</sup>	4-5 <sup>a</sup>	4-12 <sup>a</sup>	3-4 <sup>a</sup>	1-7d <sup>a</sup>	4-10 <sup>a</sup>	45d <sup>a</sup>	1-2 <sup>a</sup>
Alluvex <sup>2,2</sup>	1.5 oz	E5	18	9	18	18	0	10	10	10	9	1	18	10	18	10	9
Anthem Flex <sup>14,15</sup>	2.5 - 4.5 fl oz	D6	10	11	18	6	0	11	6	18	11	4	18	0	12	4	1
Autumn Super <sup>2,2</sup>	0.5 oz	B5	Apply post-harvest in fall and plant only corn the next spring.														
Banvel <sup>14**a</sup>	1 pt	B6	NCS	3d/oz	NCS	NCS	0 <sup>a</sup>	NCS	NCS	NCS	3d/oz	NCS	NCS	45 d	NCS	NCS	3d/oz
	1 to 2 pt	B6	NCS	NCS	NCS	NCS	0 <sup>a</sup>	NCS	NCS	NCS	NCS	NCS	NCS	90 d	NCS	NCS	3d/oz
Boundary <sup>5,15</sup>	2 - 3.5 pt	E6	4.5	8	12	8	12	12	12	8	12	0	12	0	18	12	8
Clarity <sup>4**a</sup>	8 fl oz	B6	4	22 d	4	4	0 <sup>a</sup>	4	4	4	22 d	4	4	4	4	4	22 d
	16 fl oz	B6	6	44 d	6	6	0 <sup>a</sup>	6	6	6	44 d	6	6	6	6	6	44 d
Dual Magnum <sup>15</sup>	1 - 2 pt	F3	4	4.5	12	0	0	0	0	12	4.5	0	0	0	0	0	4.5
Express / tribenuron <sup>2*</sup> Labeled rates		E5	1.5	0	2	1.5	5-2 <sup>a</sup>	1.5	1.5	1.5	1.5	1.5	1.5	7d <sup>ac</sup>	2	0-2 <sup>ae</sup>	0
Facet 4L <sup>4,26</sup>	22 fl oz	B10	24b	10	10	24b	10	24b	24b	24b	10	24b	24b	24b	24b	24b	0
Fierce <sup>14,15</sup>	3 oz	D6	10	11	18	11/6 <sup>a</sup>	7d <sup>a</sup>	11	6	18	11	4	18	0	15	4	1
Glyphosate <sup>9*</sup>	0.75 - 3 lb ae	B2,8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Harmony/thifensulfuron <sup>2*</sup> Label rates		E5	1.5	0	1.5	1.5	0	1.5	1.6	1.5	0	1.5	1.5	0	1.5	1.5	0
Liberty <sup>10</sup>	32 - 43 fl oz	B9	6	70d	0	6	0	6	6	6	70d	70d	6	0	0	6 <sup>a</sup>	70d
Paraquat <sup>22*</sup> - RUP	Label rates	B11	0	0	N/R	N/R	0	0	0	N/R	N/R	0	0	0	0	0	0
Pre-Pare <sup>2</sup>	0.3 oz	C7	24	9	9	24	11	9	11	9	11	9	9	9	9	9	0/4
Select/clethodim <sup>1*</sup>	4 - 16 fl oz	E2	0	1	0	0	6d-1 <sup>a</sup>	0	0	0	1	0	0	0	0	0	1
Sequence <sup>9,15</sup>	2.5 - 3.5 pt	A4	4	4.5	NCS	0	0	0	0	0	4.5	0	NCS	0	NCS	0	4.5
Sharpen <sup>14</sup>	1 fl oz	B12	4	0	4	0	0	4	0	4	0	4	4	0 <sup>f</sup>	4	4	0
	1.5 fl oz	B12	5	0	5	0/1	0	5	0	5	0	5	5	14d <sup>f</sup>	5	5	0
	2 fl oz	B12	5	0	5	0/1	0	5	0	5	0	5	5	1 <sup>f</sup>	5	5	0
	3 fl oz	B12	6	0	6	2/3	0	6	2	6	0	6	6	2 <sup>f</sup>	6	6	NR
Spartan Charge <sup>14,14</sup>	3 - 10.2 fl oz	E11	12	4	24	0	4	0	0	12	12	4	12	0	24b	0	4
Valor <sup>14</sup> + tillage	2 oz	E12	4	3	4	3/6	7d <sup>a</sup>	3	3	3	4	4	3	0	4	1 <sup>a</sup>	14d <sup>a</sup>
- tillage	2 oz	E12	8	3	8	3/6	7d <sup>a</sup>	3	3	3	8	8	3	0	8	1 <sup>a</sup>	14d <sup>a</sup>
+ tillage	3 oz	E12	5	4	6	4/7	14d-1 <sup>a</sup>	4	4	4	5	5	4	0	5	2 <sup>a</sup>	2 <sup>a</sup>
- tillage	3 oz	E12	10	4	12	4/7	14d-1 <sup>a</sup>	4	4	4	10	10	4	0	10	2 <sup>a</sup>	2 <sup>a</sup>
Verdict <sup>14,15</sup>	5-18 fl oz	B12	NCS	NCS	NCS	NCS	0	NCS	NCS	NCS	NCS	NCS	NCS	0-4	NCS	NCS	NCS
Zidua <sup>15</sup>	1 oz	D6	10	11	12	4/6	0	11	4	18	11	4	18	0	12	4	0
	2 oz	D6	10	11	12	6	0	11	6	18	11	4	18	0	12	4	1
	3 oz	D6	10	11	15	6	0	11	6	18	11	4	18	0	15	4	4
	4 oz	D6	10	18	18	8	0	11	8	18	18	4	18	4	15	4	6

\* = Or generic equivalent.

Herbicide name<sup>number 1-30</sup> = herbicide site of action - see pages 100-101.

<sup>a</sup> = Refer to label for approved rates and restrictions.

<sup>b</sup> = bioassay

<sup>c</sup> = Soybean = 1 day before planting at 0.25 oz SG  
= 7 days before planting at 0.3 to 0.5 oz SG

<sup>d</sup> = days before planting

<sup>e</sup> = ExpressSun sunflower = 0 days at 0.25 to 0.5 oz SG

<sup>f</sup> = Soils must be medium to fine texture with >2% OM.

NCS = Next cropping season

NR = Not registered

Actual glyphosate product rates based on acid equivalent (ae) and active ingredient (ai) formulation concentrations - Refer to page 4 for more information.

0.75 lb ae 1.125 lb ae 1.5 lb ae 2.25 lb ae 3 lb ae

lb ae	lb ai	fl oz/A				
3	= 4	= 32	48	64	96	128
3.75	= 5	= 25.6	38.4	51.2	76.8	102.4
4	= 5.4	= 24	36	48	72	96
4.17	= 5.1	= 23	34.5	46	69	92.1
4.5	= 5.5	= 21.3	32	42.6	64	85
4.72	= 6.3	= 20.3	30.5	40.7	61	81.4
5	= 6.1	= 19.2	28.8	38.4	57.6	76.8