

CHEMICAL WEED CONTROL FOR FIELD CROPS

Fall or Spring Early Pre-Plant Herbicides

Rate/A	See paragraph	months before planting (d = days)														
		Alfalfa	Barley	Canola/Crambe	Chick pea / Lentil	Corn	Dry bean	Field pea	Flax	Oat	Potato	Safflower	Soybean	Sugarbeet	Sunflower	HRS / Durum Wheat
2,4-D amine*	0.5 lb 1 lb	B3 B3	1 1	1 1	1 1	1 1	7d 14d	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
2,4-D ester*	0.5 lb 1 lb	B3 B3	1 1	1 1	1 1	1 1	7d 14d	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
Aim EC	2 fl oz	B4	0	0	N/A	0	0	0	0	0	0	N/A	0	N/A	0	0
dicamba*	4 fl oz 1 pt	B5 B5	12d 1.5	0 1.5	12d 1.5	12d 1.5	0 0	12d 1.5	12d 1.5	12d 1.5	0 1.5	12d 1.5	12d 1.5	14d 1.5	12d 1.5	12d 1.5
glyphosate*	0.75 - 3 lb ae	A4-7, B2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ignite 280	29 - 36 fl oz	D13	6	70d	0	6	0	6	6	70d	70d	6	0	0	6	70d
Paramount	0.33 lb	B7	Rotate only to wheat - Refer to Label or Crop Rotation Restrictions Table													0
paraquat* - RUP	2 - 4 pt 2SL 1.3 - 2.7 pt 3SL	B8 B8	0 0	0 0	N/A N/A	N/A N/A	0 0	0 0	0 0	N/A N/A	N/A N/A	0 0	0 0	0 0	0 0	0 0
Pre-Pare	0.2 - 0.3 oz	C10	24	9	9	24	11	9	11	9	11	9	9	9	9	0/4
Rage D-Tech	9 - 16 fl oz 17 - 24 fl oz 25 - 32 fl oz	B3-4 B3-4 B3-4	1 1 1	1 1 1	1 1 1	1 1 1	7d 14d 14d	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	7d 14d 1	1 1 1	1 1 1	1 1 1
Sequence	2.5 - 3.5 pt	A4	4	4.5	NCS	0/12	0	0	0	NCS	4.5	NCS	NCS	0	NCS	NCS
Spartan Advance	16 - 36 fl oz	A4, E11	12	4	24	0	10	12	0	12	12	12	12	0	36	0
Spartan Charge	3 - 8.5 fl oz	B4, E11	12	4	24	0	4	12	0	12	12	12	12	0	36	0
thifensulfuron																
Harmony 50SG	0.45 - 0.9 oz SG	C18	1.5	0	1.5	1.5	0	1.5	1.5	1.5	0	1.5	1.5	0	1.5	1.5
Generics 75DF*	0.3 - 0.6 oz DF	C18	1.5	0	1.5	1.5	0	1.5	1.5	1.5	0	1.5	1.5	0	1.5	1.5
thifensulfuron & tribenuron		C18														
4:1 ratio 50SG	0.6 - 1 oz SG	C18	1.5	0	2	1.5	14d	1.5	1.5	1.5	1.5	1.5	1.5	14d	2	1.5
4:1 ratio 75DF*	0.4 - 0.67 oz DF	C18	1.5	0	2	1.5	14d	1.5	1.5	1.5	1.5	1.5	1.5	14d	2	1.5
2:1 ratio 75DF*	0.3 - 0.67 oz DF	C18	1.5	0	2	1.5	14d	1.5	1.5	1.5	1.5	1.5	1.5	14d	2	1.5
1:1 ratio 50SG	0.4 - 0.8 oz SG	C18	1.5	0	2	1.5	14d	1.5	1.5	1.5	1.5	1.5	1.5	14d	2	1.5
1:1 ratio 75DF*	0.25 - 0.5 oz DF	C18	1.5	0	2	1.5	14d	1.5	1.5	1.5	1.5	1.5	1.5	14d	2	1.5
tribenuron																
Express 50SG	0.25 - 0.5 oz SG	C18	1.5	0	2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2	1.5
Generics 75DF*	0.17- 0.33 oz DF	C18	1.5	0	2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2	1.5
Valor + tillage	2 oz	B2	4	3	4	4	1	3	3	4b	4	4b	4	0	4	1
- tillage	2 oz	B2	8	3	8	8	14d	3	3	8b	8	8b	8	0	8	1
+ tillage	3 oz	B2	5	4	12	12b	1	4	4	12b	5	12b	12b	0	5	2
- tillage	3 oz	B2	10	4	12	12b	1	4	4	12b	10	12b	12b	0	10	2

*= Refer to pages 82-83 for generic brands names and commercial mixtures.

b = bioassay

d = days before planting

NCS = Next cropping season

Spartan Charge = Registration Pending

thifensulfuron & tribenuron 4:1 50SG = Affinity TankMix

thifensulfuron & tribenuron 1:1 50SG = Affinity BroadSpec

Valor = refer to label for rates >3 oz/A.

Glyphosate product rates based on formulation, acid equivalent (ae) and active ingredient (ai).

lb ae	lb ai	0.75 ae	1.125 ae	1.5 ae	2.25 ae	3 ae
----- fl oz/A -----						

3	=	4	=	32	48	64	96	128
4	=	5.4	=	24	36	48	72	96
4.17	=	5.1	=	24	36	48	72	96
4.5	=	5.5	=	22	32	44	64	88
5	=	6.1	=	20	30	40	60	80

Lbs ae/gal or ai/gal are found on glyphosate product labels. Refer to page 4 for an explanation of active ingredient (ai) and acid equivalent (ae).