CHEMICAL WEED CONTROL FOR FIELD CROPS

	Product/A		9 2	n wheat, winter wheat and Barley				
Herbicide	(ai/A)	Weeds	When to Apply	Remarks and Paragraphs				
Refer to page 6 fo	or additional Fall,	Early Preplant, an	nd PRE Herbicide	s.				
Far-Go (triallate ⁸)	HRSW & DURUM. 1 qt / 10 lb 10G (1 lb) BARLEY: 1.25 qt/12.5 lb 10G (1.25 lb)	Wild oat.	Spring: HRSW, Durum and Barley. Apply before or after seeding. PPI 3 or more days before seeding.	Application before seeding: PPI with field cultivator set at 4 inches deep. Two pass incorporation is recommended. Application after seeding: Apply before kernel sprouts exceed 0.5 inch in length and incorporate with harrows set more shallow than seed. C1 C8				
Treflan / generic trifluralin ³	1 pt 4EC 5 lb 10G (0.5 lb)	Foxtail.	Spring: PPI.	FOR BARLEY ONLY. Incorporate twice 2 to 3 inches deep. C1 C13				
Not for Winter Wheat	4 lb 10G (0.4 lb)			FOR DURUM WHEAT ONLY. For foxtail suppression only. C1 C13				
	3.5 to 4 lb 10G (0.35 to 0.4 lb)			FOR HRSW ONLY. For suppression of foxtail only. Use west of Hwy 3 only. C1 C13				
	1 pt 4E (0.5 lb)		Spring: After seeding.	Plant 2 to 2.5 inches deep. Incorporate shallow twice with flex-tine or diamond harrow 1 to 1.5 inches deep. C1 C13				
	1 pt 4E 5 lb 10G (0.5 lb)		Fall: After September 1 until freeze-up.	Incorporate once in fall within 24 hours after application. Keep spring incorporation depth more shallow than fall. Stand reduction may occur. C1 C13				
	3.5 to 5 lb 10G (0.35 to 0.5 lb)			FOR HRSW AND DURUM ONLY. For foxtail suppression only. C13				
Anthem Flex (pyroxasulfone & carfentrazone ^{14,15}) Not for barley or durum	2 to 4.5 fl oz SC (1 to 2.25 oz)	Pre: Foxtail and pigweed. POST: Broadleaf weeds less than 2 inches.	PRE to 4th tiller.	PRE requires precipitation for activation. Sequential rain events will improve weed control. Adjust rate for soil type. Add NIS at 1 qt/100 gal or PO at 1-2 pt/A + UAN or AMS.				
Olympus (propoxy- carbazone²) Not for barley or durum V. Long Residual	HRWW. 0.6 oz WDG (0.42 oz) HRSW. 0.2 oz WDG (0.14 oz)	Japanese and downy brome, mustard and pigweed species.	PRE.	Add NIS at 1 qt/100 gal for control of emerged species. Maximum propoxycarbazone rate per year allowed from Olympus or with combined products is 0.84 oz ai/A in winter wheat or 0.28 oz ai/A in spring wheat. C1 C12				
Pre-Pare (flucarbazone²) Not for barley or durum Short to Long Residual	HRSW. 0.2 to 0.3 oz WDG (0.14 to 0.21 oz)	G. foxtail, mustard and pigweeds. Soil residue may control y. foxtail, wild oat, Japanese and downy brome.	Preplant within 10 days of planting or PRE.	Add NIS at 1 qt/100 gal for control of emerged species. Maximum flucarbazone rate per year allowed from Pre-Pare with combined products is 0.43 oz WDG. C7				
Quelex (halauxifen ⁴ & florasulam ²) Short to Long Residual	0.55 to 0.75 oz WDG (0.055 to 0.075 & 0.055 to 0.075 oz)	Pre: Small emerged broadleaf weeds.	Preplant until cracking.	PRE requires precipitation for activation. Add NIS at 1 to 2 qt/100 gal.				

	Product/A			
Herbicide	(ai/A)	Weeds	When to Apply	Remarks and Paragraphs
POST-Applied He	erbicides			
Prowl H20 (pendimethalin³) Not for Barley	1.5 to 3 pt ACS (0.7 to 1.4 lb)	Foxtail and some small-seeded broadleaf weeds.	Wheat: 1- to 3-leaf.	Soil residue provides PRE control of weeds. Does not control emerged weeds. Adjust rate for soil type. Allow a 60 day PHI. Refer to label for tank-mixtures. C1 C13
Zidua SC (pyroxasulfone ¹⁵) Not for Barley or Durum wheat	1.25 to 4 fl oz SC (0.65 to 2 oz)	Some small- seeded weeds.	Wheat: Preplant through 4th tiller.	Soil residue provides PRE control of weeds. Requires 1 inch of rainfall for activation. Sequential rain events will improve weed control. Refer to label for use directions and restrictions. C1
MCPA ⁴ amine MCPA ⁴ ester	0.5 to 1.33 pt 4SL 0.5 to 1.33 pt 4EC (0.25 to 0.66 lb)	Broadleaf weeds.	Crop: 3-leaf until prior to boot depending on label.	Follow label directions as MCPA labels vary on application timing. Use high rate for large or perennial weeds. C1-2
2,4-D ⁴ amine 2,4-D ⁴ ester	0.5 to 1 pt 4SL 0.5 to 1 pt 4EC (0.25 to 0.5 lb)		Winter wheat: In spring - well tillered until prior to boot.	Follow label directions as 2,4-D labels vary on application timing. Do not apply from early boot to dough stage. C1-2
			Do not apply to winter wheat in fall.	
Dicamba ⁴	2 to 4 fl oz 4SL 1.6 to 3.2 fl oz 5 SL (1 to 2 oz) Barley: 2 to 3 fl oz (1 to 1.5 oz)	Broadleaf weeds including wild buckwheat, sunflower, Russian thistle and kochia.	Up to 4-leaf.	Dicamba must be applied before 6-leaf stage. Use low dicamba rate and high MCPA rate on 4-leaf HRSW or durum. Barley is relatively susceptible to injury from dicamba. Do not apply dicamba with 2,4-D to barley. C1-2 C4
Starane Ultra / generic fluroxypyr ⁴	0.67 pt 1.5EC 0.35 pt 2.8EC 5 oz 40WDG (2 oz)	Kochia, volunteer flax, and few other broadleaf weeds.	HRWW: Pre-joint. Crop: 2-leaf through flag leaf emergence. Weeds: Small.	Refer to label for weeds controlled, registered tank-mix options, and rates. Commercial mixture with MCPA ester available as Hat Trick.
Curtail M / generic clopyralid ⁴ & MCPA ⁴	1.75 to 2.33 pt EC (0.09 to 0.12 lb & 0.5 to 0.68 lb)	Broadleaf weeds and Canada thistle.	Crop: 3-leaf until prior to boot.	Apply to Canada thistle at rosette to early bolting stage. Do not harvest hay from treated fields. C5
Curtail / generic clopyralid ⁴ & 2,4-D ⁴	2 to 2.67 pt SL (0.09 to 0.13 lb & 0.5 to 0.67 lb)		Crop: 4-leaf until prior to boot.	
WideMatch / generic clopyralid ⁴ & fluroxypyr ⁴	1 to 1.33 pt EC (0.09 to 0.125 lb & 0.09 to 0.125 lb)	Broadleaf weeds including kochia, wild buckwheat, vol. flax, and Canada thistle.	Crop: 3-leaf through flag leaf emergence. Weeds: Up to 4 inches tall or vining.	An economical formulation of clopyralid. Apply with 2,4-D, MCPA, or thifensulfuron to increase spectrum of broadleaf weed control. Does not antagonize POST grass herbicides labeled in small grains. WideMatch commercial mixture with MCPA ester available as Hat Trick or Weld. Refer to label for application information.
PerfectMatch (pyroxsulam ² & clopyralid ⁴ & fluroxypyr ⁴) Not for Barley	1 pt SE (0.014 lb & 0.094 lb & 0.094 lb)	Also controls foxtail, wild oat, barnyardgrass, and partial control of bromes.	Crop: 3-leaf until prior to jointing. Weeds: Up to 4 inches tall.	C5

	I		<u> </u>	wheat, white whicat and bane			
Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs			
Bromoxynil ⁶	1 to 2 pt EC (0.25 to 0.5 lb)	Small broadleaf weeds including small kochia.	Crop: Emergence until prior to boot.	Contact, non-residual herbicide requiring thorough coverage. Most active in hot and sunny conditions. Refer to label for tank-mix options.			
Bromoxynil ⁶ & MCPA ⁴	1 to 2 pt 4EC 0.8 to 1.6 pt 5EC (0.25 to 0.5 lb & 0.25 to 0.5 lb)	Small broadleaf weeds including wild buckwheat, sunflower, Russian	Crop: 3-leaf stage until prior to boot.	C1-2			
Bromoxynil ⁶ & 2,4-D ⁴	0.75 to 1.5 pt EC (0.18 to 0.38 lb & 0.25 to 0.5 lb) Rates vary by label.	thistle and kochia.					
Bromoxynil ⁶ & fluroxypyr ⁴	14 to 21 fl oz EC (4 to 6 oz & 1 to 1.5 oz)		Crop: 3-leaf to flag leaf emergence.	Higher rates or a tank-mix partner may be required for high weed populations and weeds greater than 4 inches tall. C1-2 C5			
Aim (carfentrazone ¹⁴)	0.5 fl oz EC (0.128 oz)	Small broadleaf weeds including pigweed and kochia.	Crop: Up to jointing stage. Weeds: Small. Up to 1 inch tall.	Contact, non-residual herbicide requiring thorough coverage. May cause cosmetic speckling on wheat leaves. Add NIS at 1 qt/100 gal. Refer to label for tankmix options and application information.			
Huskie Complete (bromoxynil ⁶ & pyrasulfotole ²⁷ & thiencarbazone ² & mefenpyr safener)	13.7 fl oz OD (0.156 lb phenol or 0.22 lb ester & 0.028 lb & 0.072 oz)	Wild oat, foxtails, barnyardgrass, Persian darnel, and most annual broadleaf weeds	Wheat: 1-leaf to 60 day PHI. Grass weeds: Up to 2 tillers. Broadleaf weeds: Up to 4 inches tall.	Do not apply to barley. Will control some ACC-ase resistant grass biotypes. Refer to label for crop rotation restrictions, tank-mix options, and application information. C1 C11			
RUP							
Huskie (bromoxynil ⁶ & pyrasulfotole ²⁷ & mefenpyr safener)	11 to 15 fl oz EC (0.16 to 0.2 lb & 0.027 to 0.036 lb)	Most annual broadleaf weeds including resistant weeds.	Crop: Up to flag leaf emergence. Weeds: Up to 4 inches tall.	Most crops can be planted the year following application. Do not plant lentil for 18 months after application. Refer to label for tank-mix options and application information.			
Wolverine Advanced (fenoxaprop¹ & bromoxynil⁶ & pyrasulfotole²7 & mefenpyr safener)	1.7 pt EC (0.085 lb & 0.223 lb & 0.028 lb)	Annual grass and broadleaf weeds.	Wheat: Emergence to 60 days PHI. Barley: Emergence to 5-leaf. Grass weeds: 1-leaf to 2-tiller.	Huskie = C1 C11 Wolverine Advanced = C1 C11			
Talinor (bromoxynil ⁶ & bicyclopyrone ²⁷ & safener)	13.7 to 18.2 fl oz EC (0.156 to 0.208 lb & 0.033 to 0.044 lb)	Most annual broadleaf weeds including resistant weeds.	Crop: 2-leaf to pre- boot. Weeds: Up to 4 inches tall.	Must include co-pack of CoAct adjuvant and COC at 1 gal/100 gal or NIS at 1 qt/100 gal. Do not add oil or surfactant if tank mixed with a herbicide containing a built-in adjuvant. Do not add AMS-containing products or UAN as severe injury may occur.			

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs			
Short Residual A	LS Herbicides						
Orion (florasulam² & MCPA ⁴ ester)	17 fl oz SE (0.07 oz & 0.31 lb)	Some broadleaf weeds.	Crop: 3-leaf to jointing. Weeds: Small.	Add NIS at 1 qt/100 gal. May be tank-mixed with grass herbicides. Allow a 60 day PHI. Refer to label for application information. C1-2			
Starane Flex (florasulam² & fluroxypyr⁴)	13.5 fl oz EC (0.07 oz & 1.4 oz)		Crop: 3-leaf to flag leaf emergence. Weeds: Small.	May be tank-mixed with Group 1 POST grass herbicides. Allow a 60 day PHI. Has shorter crop rotation restrictions than WideMatch. C1 C5			
Quelex (florasulam ² & halauxifen ⁴)	0.75 oz WDG (0.075 oz & 0.075 oz)		Crop: 2-leaf to flag leaf emergence. Weeds: Small.	Add NIS at 1 to 2 qt/100 gal. Has not been proven safe to some rotational crops. Allow a 60 day PHI.			
thifensulfuron ²	0.3 to 0.6 oz DF 0.45 to 0.9 oz SG (0.225 to 0.45 oz)	Mustards, redroot pigweed, lambsquarters,	Crop: 2-leaf until prior to flag leaf	Do not apply higher tribenuron rates with POST Group 1 (ACCase) grass herbicides to avoid grass herbicide antagonism. Tribenuron may enhance control of some			
Sentrallas (thifensulfuron² & fluroxypyr⁴)	7 to 14 fl oz OD (0.22 to 0.44 & 1.12 to 2.24)	wild buckwheat, smartweed, and sunflower.	emergence. Allow a 45 day PHI.	Group 2 (ALS) herbicides (e.g. flucarbazone) for yellow foxtail. Addition of MCPA ester or 2,4-D ester improves broadleaf weed control and crop safety.			
Express / generic tribenuron ²	0.17 to 0.33 oz DF 0.25 to 0.5 oz SG (0.125 to 0.25 oz)	Mustards, marshelder, prickly lettuce, Russian thistle, Canada thistle.		Add NIS at 1 pt/100 gal except when adding 2,4-D or MCPA at 0.75 pt/A. Sentrallis may control kochia. No crop rotation restrictions the following year. Refer to label for list of registered tank-mixes.			
Affinity T/M 50SG 3:1 Audit 75DF 2:1 ratio 75DF	0.3 to 0.66 oz DF 0.25 to 0.5 oz DF 0.4 to 0.8 oz SG	Provides a broader spectrum of control than either a.i. alone. Choose ratio based on prevalent weeds.		C1			
Supremacy (fluroxypyr ⁴ & thifensulfuron ² & tribenuron ²)	4 to 6 oz WDG (1 to 1.5 oz ae & 0.18 to 0.27 oz & 0.06 to 0.09 oz)	Broadleaf weeds including pigweed, buckwheat, kochia, mustard, flax, and Canada thistle.		Add NIS at 1-2 qt/100 gal except when adding an EC or ester formulated herbicide. Use higher rates for larger weeds. C1 C5 C9			
Long Residual Al	LS Herbicides						
Ally / generic metsulfuron ²	0.1 oz XP (0.06 oz)	Broadleaf weeds including perennial sowthistle. Partial control of wild buckwheat.	Crop: 2-leaf until prior to boot.	Addition of 2,4-D ester or MCPA ester improves broadleaf weed control and crop safety. Add NIS at 1 pt/100 gal except when adding 2,4-D or MCPA at 0.75 pt/A. Refer to label for crop rotation restrictions. Do not apply within 22 months of last metsulfuron			
Ally Extra / generic metsulfuron ² & thifensulfuron ² & tribenuron ²	0.3 to 0.6 oz DF (0.174 to 0.347 oz)	Broadleaf weeds including perennial sowthistle. Improved control of	flag leaf	treatment. Do not apply to soils above pH 7.9. C1			
Travallas (metsulfuron ² & thifensulfuron ² & fluroxypyr ⁴)	7 fl oz OD (0.022 & 0.22 & 1.1 oz)	wild buckwheat.					
Very Long Residu	ual ALS Herbicides	S					
Amber / generic triasulfuron ²	0.28 to 0.56 oz DF (0.21 to 0.42 oz)	Broadleaf weeds.	Crop: 2-leaf until prior to boot stage.	Add NIS at 1 qt/100 gal. C1			
Glean / generic chlorsulfuron ²	0.167 to 0.33 oz DF (0.125 to 0.25 oz)	and suppression of	Crop: 2-leaf until prior to	Add NIS at 1 pt/100 gal except when adding 2,4-D ester or MCPA ester at 0.75 pt/A.			
Finesse / generic chlorsulfuron ² & metsulfuron ²	0.2 to 0.4 oz DF (0.15 to 0.3 oz)	foxtail and Canada thistle.	flag leaf emergence.	Refer to label for application timings, tank-mix optio weeds controlled, and soil pH restrictions.			

	Product/A	•		Trincat, Willer Wilcat and Barrey
Herbicide	(ai/A)	Weeds	When to Apply	Remarks and Paragraphs
POST-Applied Gr		e	0 01 (1	A : 17(1 A : 10)
Axial XL (pinoxaden¹ & cloquintocet safener) Not for Durum	16.4 fl oz EC (0.86 oz)	Foxtail, wild and volunteer oat, Persian darnel, and annual ryegrass +	Crop: 2-leaf to boot. Grasses: 1-leaf to 6-leaf + 3 tillers.	Axial XL, Axial Star and Axial Bold are formulated with Adigor adjuvant. May be tank-mixed with most broadleaf herbicides. Refer to label for tank-mix information and restrictions. C1 C3
Axial Star (pinoxaden ¹ & fluroxypyr ⁴) Not for Durum	16.4 fl oz EC (0.053 lb & 0.094 lb)	fluroxypyr also controls kochia with partial control of annual broadleaf weeds.	Crop: 2-leaf until prior to boot. Foxtail: 1- to 3-leaf. Wild oat: 1- to 6-leaf.	
Axial Bold (pinoxaden¹ & fenoxaprop¹) Not for Durum	15 fl oz EC (0.054 lb & 0.027)	Foxtail, wild oat, barnyardgrass, Persian darnel	Wheat: Emerge to pre-boot. Barley: Prior to jointing. P. Darnel, wild oat: 1- to 6-leaf. Foxtails, Bygrass: 1- to 5-leaf.	
Discover NG (clodinafop¹ & cloquintocet safener) Not For Barley	12.8 to 16 fl oz EC (0.05 to 0.06 lb)	Wild oat, green and yellow foxtail, barnyardgrass, Persian darnel, and annual ryegrass.	Wheat: 2-leaf until prior to boot. Wild oat: 1- to 6-leaf. Foxtails: 1- to 5-leaf.	Discover NG is formulated with oil adjuvant. Add MSO adjuvant at 1 qt/100 gal if >10 gpa. Apply higher rates for Persian darnel and ryegrass. Refer to label for rates and tank-mix information. C1 C6
Fenoxaprop ¹ & mefenpyr safener	0.33 to 0.66 pt EC (0.04 to 0.08 lb)	Wild oat, green and yellow foxtail, millets, corn, and barnyardgrass.	Wheat:Emergence to 60 days PHI. Barley: 1-leaf to 4-leaf. Grass weeds: 1-leaf to 2-tiller.	Apply 0.33 pt/A for green foxtail, corn and millet. Apply 0.4 pt/A for yellow foxtail and proso millet. Apply 0.66 pt/A for barnyardgrass and wild oat. Refer to label for tank-mix options. C1 C9
Wolverine Advanced (fenoxaprop¹ & bromoxynil ⁶ & pyrasulfotole ²⁷ & mefenpyr safener)	1.7 pt EC (0.085 lb & 0.223 lb & 0.028 lb)	Annual grass and broadleaf weeds.	Wheat:Emergence to 60 days PHI. Barley:Emergence to 5-leaf. Grass weeds: 1-leaf to 2-tiller.	Most crops can be planted the year following application. Do not plant lentil for 18 months after application. C1 C9 C11
Everest 3.0 Sierra (flucarbazone² & safener) Not for Barley Short to Long Residual	1 to 2 fl oz OD 0.5 to 1 fl oz SC (0.219 to 0.438 oz)	Wild oat, green foxtail, mustards, and pigweed. Partial control of yellow foxtail, barnyardgrass, downy brome, Japanese brome and Persian darnel	Wheat: Everest: 1-leaf to 60 days PHI. Sierra: 1-leaf to prior to jointing. Grass weeds: Up to 4 leaves.	Add basic pH blend adjuvant at 2-4 qt/100 gal or NIS at 1 qt/100 gal + AMS. Apply Everest at 2 fl oz/A or Sierra at 0.75 to 1 fl oz/A for wild oat and other grasses. Everest at 1 to 1.3 fl oz/A can be applied after Pre-Pare. Apply Sierra at 0.5 fl oz/A for green foxtail or sequentially after Pre-Pare. Do not apply more than a total of 0.438 oz ai/A flucarbazone to the crop. Tankmixes with tribenuron improve grass control. C1 C7
Varro (thiencarbazone² & mefenpyr safener) Not for Barley Short Residual	6.85 fl oz EC OD (0.072 oz)	Wild oat, foxtails, barnyardgrass, Persian darnel, and some annual broadleaf weeds.	Wheat: 1-leaf to prior to jointing. Grass weeds: Up to 2 tillers. Broadleaf weeds: Up to 3 inches tall.	May control some ACC-ase resistant grass biotypes. Varro may be tank-mixed with many broadleaf herbicides. Adjuvants are not required with Varro. AMS is not recommended for durum. Refer to label for crop rotation restrictions, tank-mix options, and application information.
Huskie Complete (bromoxynil ⁶ & pyrasulfotole ²⁷ & thiencarbazone ² & mefenpyr safener) Not for Barley Short Residual RUP	13.7 fl oz EC OD (0.156 lb phenol or 0.22 lb ester & 0.028 lb & 0.072 oz)	Wild oat, foxtails, barnyardgrass, Persian darnel, and most annual broadleaf weeds including resistant weeds.	Wheat: 1-leaf to 60 day PHI. Grass weeds: Up to 2 tillers. Broadleaf weeds: Up to 3 inches tall.	C1 C11

Herbicide	Product/A	Weeds	When to Apply	Remarks and Paragraphs				
Olympus (propoxy- carbazone²) Not For Barley Very Long	Winter wheat: 0.6 to 0.9 oz WDG (0.42 to 0.63 oz) Spring/durum wheat 0.2 oz WDG	Quackgrass, downy brome, Japanese brome, foxtail barley and	When to Apply Wheat: 2-leaf to jointing. Grasses: 2-leaf to 2-tiller. Broadleaf weeds: Less than 2 inches	Application at high rates may injure spring wheat. Do not apply after wheat jointing begins. Add NIS at 1 to 2 qt/100 gal. May be applied with liquid fertilizer in winter wheat. Use high rate for wild oat and brome species. Allow a 71 day PHI. Refer to label for tank-mix options.				
Residual Osprey (mesosulfuron² & mefenpyr safener) Winter wheat only Short Residual	(0.14 oz) 3.2 to 4.75 oz WDG (0.14 to 0.21 oz)	Wild oat, Persian darnel, and mustard species.	tall or in diameter. Wheat: Up to jointing. Weeds: Less than 2 inches or 1-tiller.	C1 C12 Do not use in spring wheat. Add MSO adjuvant at 1.5 pt/A. May control some ACC-ase resistant wild oat biotypes. Refer to label for tank-mix options. C1 C12				
Rimfire Max (mesosulfuron² & propoxycarbazone² & mefenpyr safener) Not For Barley Short to Long Residual	3 oz WG (0.057 oz & 0.143 oz)	Wild oat, barnyardgrass, seedling foxtail barley, bromus grass species, Persian darnel and mustard species.	Wheat. Spring: 1-leaf to flag leaf emergence. Grasses: 1-leaf to 2-tiller. Broadleaf weeds: Less than 2 inches tall.	Add MSO adjuvant at 1.25 pt/A, or NIS at 2 qt/100 gal + 28% UAN at 1 to 2 qt/A, or basic pH blend adjuvant at 1 gal/100 gal (0.8 to 1.6 pt/A). Do not use petroleum oil or adjuvants containing organosilicone because wild oat control will be reduced. Refer to label for tank-mix options. C1 C12				
PowerFlex HL (pyroxsulam² + cloquintocet safener) Only for Winter Wheat Short Residual	2 oz WDG (0.26 oz)	Wild oat, foxtail, bromes, barnyardgrass, and Persian darnel.	Wheat: 3-leaf to prior to jointing. Grass weeds: 2- to 4-leaf.	May control some ACC-ase resistant wild oat biotypes. Allow a 60 day PHI. For PowerFlex: Add NIS at 1-2 qt/100 gal + AMS at 1.5 lb/A or petroleum oil adjuvant at 0.8 gal/100 gal. May be applied in a 50% N spray solution. Refer to label for application information. C5				
Teammate (pyroxsulam² & safener) Not for Barley Short Residual Registration Pending	1 oz WDG (0.21 oz)							
GoldSky (pyroxsulam² + florasulam² + fluroxypyr⁴ + cloquintocet safener) Not for Barley Short Residual	1 pt OD (0.21 oz & 0.04 oz & 1.42 oz)	broadleaf weeds.	Wheat: 3-leaf to prior to jointing. Grass weeds: 2- to 4-leaf. Broadleaf weeds: Less than 3 inches tall.	Add NIS at 1-2 qt/100 gal + AMS at 1.5 lb/A. Do not add NIS with tank-mix of EC herbicides. Refer to label for tank-mix information and restrictions. C1 C5 C10				
OpenSky (pyroxsulam² + fluroxypyr⁴ + cloquintocet safener) Not for Barley Short Residual	Spring wheat: 1 pt SE (0.21 oz & 1.9 oz) Winter wheat: 1.25 pt SE (0.27 oz & 2.38 oz)	Greater kochia control.	Wheat: 3-leaf to prior to flag leaf emergence. Grass weeds: 2- to 4-leaf. Broadleaf weeds: Less than 4 inches tall.					
PerfectMatch (pyroxsulam² & clopyralid⁴ & fluroxypyr⁴) Not for Barley Long Residual	1 pt OD (0.014 lb & 0.094 lb & 0.094 lb)	Also controls Canada thistle.	Crop: 3-leaf until prior to jointing. Weeds: Up to 4 inches tall.	Apply with 2,4-D or MCPA to increase spectrum of broadleaf weed control. Refer to label for application information. C5				

HERBICIDE-RESISTANT WHEAT

Clearfield Wheat

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs
Beyond (imazamox²) Long Residual	4 fl oz SL (0.5 oz)	Annual grass and broadleaf weeds including wild oat, green and yellow foxtail, Japanese and downy brome, and Persian darnel.	Wheat: 4-leaf to prior to jointing. Weeds: 1 to 3 inches tall.	Apply only to Clearfield wheat varieties. Beyond at 4 to 6 fl oz/A may be used on winter wheat and Clearfield Plus spring wheat. Add NIS at 1 qt/100 gal + UAN at 1 to 2 qt/A or AMS at 8.5 lbs/100 gal. PO and MSO at 1 to 2 pts/A may be used only on Clearfield Plus spring wheat. Will not control ALS-resistant kochia and wild oat. Refer to label for tank-mix options and application information. Will suppress feral rye. C1-2

Grass weed control from POST applied herbicides.

Grass weed con	<u> </u>	0111 1	<u> </u>	appi	ica ii	CIBIC	iucs.					
POST GRASS HERBICIDES	Wild oat	Foxtail, Green	Foxtail, Yellow	Barley, Volunteer	Barnyardgrass	Corn, Volunteer	Brome, Downy*	Brome, Japanese*	Persian darnel	Ryegrass, Annual	Quackgrass	Foxtail barley
Axial XL1/Star1,4/Bold1	E	G-E	G-E	N	G-E	Ν	N	N	E	Е	N	N
Beyond ² /ClearMax ^{2,4}	Е	Е	G-E	Е	Е	G-E	G-E	Е	Е	G-E	F	-
Discover NG ¹	Е	Е	G-E	P-G	Е	Е	N	N	G-E	G-E	-	N
Everest 3.0 / Sierra ²	G-E	Е	P-G	P-F	Р	F-G	Р	G-E	F-G	P-F	P-F	F
Fenoxaprop ¹	Е	Е	E	N	Е	Е	N	N	N	-	N	N
GoldSky ^{2,2,4}	G-E	F-G	G-E	N	G-E	G	F-G	G-E	G	G-E	F	F
Huskie Complete ^{2,6,27}	G	F-G	F-G	-	G-E	1	P-F	F-G	F-G	-	-	F
Outrider ^{2**}	Е	P-F	P-F	P-F	Р	ı	F-G	G	•	P-F	G	-
Olympus ²	G-E	P-F	P-F	P-F	G	1	F-G	Е	Ν	-	F-G	G
OpenSky ^{2,4}	G-E	F-G	G-E	N	G-E	G	F-G	G-E	G	G-E	F	F
Perfectmatch ^{2,4,4}	G-E	F-G	G-E	N	G-E	G	F-G	G-E	G	G-E	F	F
PowerFlex ²	G-E	F-G	G-E	N	G-E	G	F-G	G-E	G	G-E	F	F
Rimfire Max ^{2,2}	G-E	P-F	P-F	P-F	G	F-G	P-F	G	G	-	F	F-G
Teammate ²	G-E	F-G	G-E	N	G-E	G	F-G	G-E	G	G-E	F	F
Varro ²	G	G	G	-	G-E	N	P-F	F-G	F-G	-	-	F-G
Wolverine Advanced ^{1,6,27}	Е	G-E	G-E	N	Е	Е	N	N	N	N	N	N

^{*}Early fall applications provide better control that late fall or spring. Earlier spring application are more effective than late spring or mid-season application.

Weed control ratings are based on the following scale: E = Excellent = 90 to 99% control

G = Good = 80 to 90% control

F = Fair = 65 to 80% control

P = Poor = 40 to 65% control

N = None = No control

- = insufficient information

^{**}Suggested for use only in continuous wheat because of crop rotation restrictions.