

## EMERGENCY NUMBERS

Infotrac	(800) 535-5053
Rocky Mountain Poison Control	(303) 739-1100 / 800-222-1222
Colorado State Patrol	(303) 239-4500

<b>Company</b>	<b>Emergency Phone Number</b>	<b>Web Site Address</b>
Amvac	323-264-3910	<a href="http://www.amvac-chemical.com">www.amvac-chemical.com</a>
Albaugh	800-247-8013	<a href="http://www.albaughinc.com">www.albaughinc.com</a>
Arysta Life Science	866-761-9397	<a href="http://www.arysta-na.com">www.arysta-na.com</a>
BASF	800-526-1072	<a href="http://www.basf.com">www.basf.com</a>
Bayer	866-992-2937	<a href="http://www.bayercropscience.us">www.bayercropscience.us</a>
Dow Agrosciences	800-992-5994	<a href="http://www.dowagro.com">www.dowagro.com</a>
Dupont	800-441-7515	<a href="http://www.dupont.com">www.dupont.com</a>
FMC	800-323-7107	<a href="http://fmc.com">http://fmc.com</a>
Gowan	800-883-1844	<a href="http://www.gowanco.com">www.gowanco.com</a>
Helena	901-761-0050	<a href="http://www.helenachemical.com">www.helenachemical.com</a>
Mana	877-250-9291	<a href="http://www.manainc.com">www.manainc.com</a>
Monsanto	314-694-1000	<a href="http://www.monsanto.com">www.monsanto.com</a>
Nufarm	800-345-3330	<a href="http://www.nufarm.com/usag/agriculture">www.nufarm.com/usag/agriculture</a>
Rotam	866-927-6826	<a href="http://www.rotam.com">www.rotam.com</a>
Syngenta	800-888-8372	<a href="http://www.syngenta-us.com">www.syngenta-us.com</a>
UPI	800-438-6071	<a href="http://www.upi-usa.com">www.upi-usa.com</a>
Valent	800-682-5368	<a href="http://www.valent.com">www.valent.com</a>

Always read and follow label directions and precautions. Never allow children or other un-authorized personnel to play in or enter any pesticide storage or use areas, treated areas, or any areas under a restricted use interval.

Keep all pesticides stored under lock and key. Store only in their original container with label firmly attached, legible, and sealed tightly. Be familiar with sections of the label which prescribe emergency response actions, first aid procedures, proper storage, and proper handling and use procedures.

Always wear Personal Protective Equipment listed on label when handling pesticides, working on application equipment that may be contaminated with pesticides, or when entering a treated area while that area is under restricted entry interval.

Properly clean and store all pesticide handling equipment, empty containers, and personal protective equipment.

Always wash your face and hands with soap and water after handling pesticides or equipment. Wash work clothes by themselves.

Product	Aatrex4L Atrazine EPA# 100-497 Syngenta	Aatrex 90 Atrazine EPA# 100-497 Syngenta	Abundit Extra Glyphosate EPA# 71368-20 Nufarm, Inc.
Re-Entry Interval	12 hours	12 hours	4 hours
Crop Rotation Restrictions	Do not rotate to any crop except corn or sorghum until the following year. Do not plant sugar beets, vegetables (including dry beans), spring seeded small grains, or small seeded legumes and grasses the year following application, or injury will occur.	Do not rotate to any crop except corn or sorghum until the following year. Do not plant sugar beets, vegetables (including dry beans), spring seeded small grains, or small seeded legumes and grasses the year following application, or injury will occur.	
Grazing Restrictions	Do not graze or feed forage from treated areas for 21 days following application, or illegal residues may result.	Do not graze or feed forage from treated areas for 21 days following application, or illegal residues may result.	Feed barley-14 days Wheat-14 days Dry beans-do not feed treated vines and hay to livestock
PreHarvest			Dry beans-7 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant			x
Coveralls over Long Sleeve Shirt & Pants			x
Coveralls over Short Sleeve Shirt & Pants			x
Waterproof Gloves	x	x	
Chemical-Resistant Gloves			butyl, neoprene, natural, nitrile
Protective Eyewear			
Shoes plus Socks			x
Chemical Resistant Shoes plus Socks	x	x	
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	No Temperature Restriction		11

Product	Affinity BroadSpec Thifensulfuron/Tribenuron EPA# 352-661 DuPont	Agility SG Sodium salt of dicamba/Thifensulfuron methyl/Tribenuron methyl/ Metsulfuron methyl EPA# 352-751 DuPont	Aim 2EC Carfentrazone EPA# 279-3242 FMC
Re-Entry Interval	12 hours	24 hours	12 hours
Crop Rotation Restrictions	Barley/wheat-immediately Soybeans- 7 days (extend time to planting by 7 days if used on light textured soils such as sands and loamy sands) Field corn/grain sorghum- 14 days (extend time to planting by 7 days if used on light textured soils such as sands and loamy sands) Sugar beets-60 days Any other crop-45 days	All rotation intervals with soil Ph at 7.9 or lower: Winter/spring wheat or triticale-1 month Durum wheat, barley, spring/winter oat-10 months Grain sorghum-4 months Flax, safflower-22 months Field corn-12 months Soybean-4 months IR Corn-4 months Proso millet-4 months Sunflower (irrigated)-10 months Sunflower (non-irrigated)-22 months Alfalfa- 22 months or Ph <6.8 10 months All other crops-34 months with at least 28" of cumulative precipitation during the period.	Following application of Aim 2EW, any registered crop may be planted at any time. Root and leafy vegetables may be planted 30 days after an application of Aim 2EW. All other crops may be planted 12 months after an application of Aim 2EW. Follow the rotation statements on tank mix products if they are more restrictive.
Grazing Restrictions	Allow at least 7 days between application and grazing of treated forage.	Allow at least 7 days between application and grazing of treated forage. Allow at least 30 days between application and feeding of hay from treated areas to livestock. Harvested straw may be used for bedding and/or feed. Allow at least 45 days between application and harvesting of grain.	
PreHarvest	Allow at least 45 days between application and harvesting of grain. Do not harvest wheat or barley sooner than 45 days after the last application.	Do not harvest sooner than 45 days after the last application.	Wheat, barley, oats-Do not harvest for forage within 7 days of application
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants		x	
Waterproof Gloves			x
Chemical-Resistant Gloves	butyl, natural, neoprene, nitrile	x	
Protective Eyewear		x	
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks		x	
Chemical Resistant Head Gear		x	
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)		6 hours	6-8 hours No Temperature Restriction

Product	Alias 4F Imidacloprid EPA# 66222-156 MANA	Ally XP Metsulfuron Methyl EPA# 352-435 DuPont	Amber Custom pak Triasulfuron EPA# 100-768 Syngenta
Re-Entry Interval	12 hours	4 hours	4 hours
Crop Rotation Restrictions	For crops not listed or for crops for which no tolerance for the active ingredient have been established-12 months. All crops on the label plus barley, canola, corn (field, pop, sweet), rapeseed, sorghum, sugarbeet, wheat- 0 days Buckwheat, millet, oats, rye, triticale, soybeans, safflower-30 days Onion and bulb vegetables-10 months All other crops-12 months	Colorado-Sorghum, proso millet with soil Ph at 7.9 or lower-10 months Flax, sunflowersafflower with soil Ph at 7.9 or lower-22 months. Field corn-12 months For all other crops check label	Wheat-No rotational restrictions Barley, rye & oats-6 months Proso millet-4 months Sugar beets-24 months
Grazing Restrictions	Plant cover crops for soil building or erosion control at any time, but do not graze or harvest for food or feed.	There are no grazing restrictions on Ally XP.	No grazing restrictions
PreHarvest	Potato-7 days Soybeans-7 days Cucurbit vegetable-21 days Greenhouse vegetable-0 days Fruiting vegetable (soil)-21 days Fruiting vegetable (foliar)-0 days Brassica vegetable (soil)-21 days Brassica vegetable (foliar)-7 days Leafy vegetable(soil)-21 days Leafy vegetable(foliar)-7 days Legume(except soybeans)-7 days Root (soil except sugarbeet)-21 days Root (foliar except sugarbeet)-7 days Tuberous/Corm (soil)-3 days leaves 125 days corms Tuberous/Corm (foliar)-7 days		
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant	x		
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants		x	
Waterproof Gloves		x	x
Chemical-Resistant Gloves	barrier laminate, butyl, nitrile, neoprene, natural, polyethylene, polyvinyl chloride, viton		
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron		x	
Respirator			
Rainfast Storage Temperature (F)		6 hours	4 hours

Product	2,4-D Amine 4 Dimethylamine EPA# 42750-19 Albaugh	Anthem ATZ Atrazine/Pyoxasulfone/ Fluthiacet-methyl EPA# 279-3449 FMC	Anthem Pyoxasulfone EPA# 279-3450 FMC
Re-Entry Interval	48 hours	12 hours	12 hours
Crop Rotation Restrictions		Do not rotate to any crop except corn until the following year. In the following year, rotation to soybeans can occur if: applied after June 10, do not rotate w/ crops other than corn the next yr or crop injury may occur. High Plains & Intermountain ares of the W, where rainfall is sparse or where irrigation is required use only when corn is to follow corn or a crop of untreated corn is to precede other rotational crops. Injury may occur to soybeans planted the year following applications on soils having calcareous surface layer. Do not plant dry beans, spring seeded small grains, small seeded legumes, grasses the year following. Grasses grown for seed-18 months Small grains (other than winter wheat)- 18 months if 56oz/ac Sugarbeets-15 months For all other crops not listed-18 months If treated crop is lost due to crop conditions or weather, corn may be replanted. Corn may be replanted the spring following treatment.	Alfalfa-10 months Corn-0 months Edible beans-11 months Grasses grown for seed-18 months Lentils-6-8 months dep on oz/a Potato-4 months Small grains-11-18 months dep on oz/a Soybean-0-4 months dep on oz/a Sugarbeet-15 months Sunflower-4 months Wheat-4-6 months dep on oz/a Other crops-18 months
Grazing Restrictions	Rangeland-Do not graze dairy animals on treated areas within 7 days after application. Meat animals 3 days before slaughter. Sorghum-meat or dairy animals 30 days. Soybeans-Do not feed treated hay, forage, or fodder. Do not feed or graze coer crops.	Field corn for forage-60 days Grain or stover (fodder)-70 days Sweet corn for forage-45 days	Do not harvest or feed field corn forage until 30 days after the last application. Do not harvest or feed sweet corn forage or ears until 40 days after last application. Do not harvest or feed corn grain or stover (fodder) until 70 days after last application. Do not graze or feed treated soybean forage or hay to livestock.
PreHarvest	Cereal Grains (wheat, barley, millet)- 14 days Corn (field and pop)-7days Corn (sweet)-45 days Sorghum-30 days Fallowland-7 days Rangeland-7 days	Sweet corn ears-45 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants		x	x
Coveralls over Short Sleeve Shirt & Pants	x		
Waterproof Gloves			
Chemical-Resistant Gloves	x	x	barrier, butyl, viton
Protective Eyewear	x		x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear	x		
Chemical Resistant Apron	x		
Respirator			
Rainfast Storage Temperature (F)	35	No Temperature Restriction	No Temperature Restriction.

Product	Approach Picoxystrobin EPA# 352-840 DuPont	Armezon Topramezone EPA#7969-262 BASF	Arrow 2 EC Clethodim EPA#66222-60 Mana
Re-Entry Interval	12 hours	12 hours	24 hours
Crop Rotation Restrictions	Treated areas may be replanted immediately after harvest with any crop appearing on this label. All other crops may be planted 6 months following the last application.	Corn-any Cereal crops-3 months Alfalfa-9 months Potatoes-9 months Sorghum-9 months Sunflowers-9 months Soybeans-9 months All other crops-18 months	
Grazing Restrictions			Do not graze treated fields or feed treated forage and/or hay to livestock. Alfalfa-15 days
PreHarvest	Wheat, straw and barley grain-45 days Wheat and barley hay-14 days Wheat forage-7 days Sorghum-do not apply after flowering, do not use hay or forage Corn-7 days grain and ear, 0 days forage Soybean (forage, hay and grain)-14 days Legume vegetables-seed 14 days, vine and hay 0 days		Alfalfa-15 days Beans (pinto)-30 days Onions(dry bulbs)-45 days Potatoes-30 days Soybeans-60 days Sugar beets-40 days Sunflowers-70 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	natural rubber, polyethylene, polyvinyl chloride	x	barrier laminate, viton
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)		32	1 hour 18

Product	Asana XL Esfenvalerate EPA# 352-515 DuPont	Assure II Quizalofop EPA# 352-541 DuPont	Atrazine 4L Atrazine EPA# 66222-36 Mana
Re-Entry Interval	12 hours	12 hours	12 hours
Crop Rotation Restrictions	All rotational crops may be replanted immediately following last application.	Do not rotate to crops other than canola, cotton, crambe, dry beans, lentils, soybeans, or sugar beets within 120 days after application.	Do not rotate to any crop except corn or sorghum until the following year or injury may occur. If applied after June 10, do not rotate with crops other than corn or sorghum the next year or crop injury may occur.
Grazing Restrictions	Soybeans-Do not graze or feed livestock on treated fields. Beans- do not graze or feed livestock on treated vines.	Do not graze livestock in treated areas. In addition, do not feed forage, hay, or straw from treated areas to livestock. Do not feed beet tops within 60 day of last application.	
PreHarvest	Field corn-21 days Sugar beets-21 days Sunflower-28 days Beans-21 days Carrots-7 days Potatoes-7 days	Dry beans-30 days Sugar beets-45 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			x
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants			x
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, neoprene, nitrile, viton	barrier laminate, butyl rubber	polyethylene, polyvinyl chloride
Protective Eyewear	x	x	
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			x
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	32	1 hour 32	23

Product	Atrazine 90DF Atrazine EPA# 66222-37 Mana	Authority Assist Sulfentrazone EPA# 279-3330 FMC	Authority First Sulfentrazone/Cloransulam-methyl EPA# 279-3246 FMC
Re-Entry Interval	12 hours	12 hours	12 hours
Crop Rotation Restrictions	Do not rotate to any crop except corn or sorghum until the following year or injury may occur. If applied after June 10, do not rotate with crops other than corn or sorghum the next year or crop injury may occur. Do not plant sugar beets, tobacco, spring-seeded small grains, or small-seeded legumes and grasses the year following application or injury may occur.	Alfalfa-12 months Barley-9 1/2 months Corn (field, seed)-10 months Corn (sweet)-18 months Dry beans-10 months Lettuce-18 months Oats-18 months Potatoes-26 months Snap beans-10 months Sorghum-18 months Soybeans-any Sugar beets-40 with bioassay Sunflowers-18 months Wheat-4 months For crops not listed, the interval is 30 months in addition to a successful field bioassay	Alfalfa-12 months Barley-12 months Corn (field, pop, seed)-10 months observe an 18 month rotation if 6.45-8.0 oz is applied to soils of 1.5% organic matter or less, and Ph is > 7. Sweet corn-18 months Dry shelled beans and peas-12 months Oats-12 months Potatoes-18 months Rye-12 months Sorghum-12 months Soybeans-0 days Sugar beets/sunflower-30 months and a successful field bioassay Wheat-4 months
Grazing Restrictions	Do not graze or feed forage from treated area to livestock. Do not plant any crop other than those on this label within 18 months following treatment. Severe drought conditions-do not graze forage or cut forage for hay.	Do not feed treated soybean forage, soybean hay or soybean straw to livestock.	Do not feed treated soybean forage or soybean hay to livestock. Do not harvest soybeans for 65 days after application.
PreHarvest			
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants	x	x	x
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			x
Chemical-Resistant Gloves	polyethylene, polyvinyl chloride	x	
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)		32	40



Product	Authority MTZ Sulfentrazone/Metribuzin EPA# 279-3340 FMC	Autumn Super Thiencarbazone-methyl EPA# 264-1134 Bayer	Axial XL Pinoxaden EPA# 100-1256 Syngenta
Re-Entry Interval	12 hours	12 hours	48 hours
Crop Rotation Restrictions	Alfalfa-12 months Barley-12 months Dry beans-12 months Field corn-10 months, 4 months if applied at <4 oz/ac Potatoes-12 months Sorghum-18 months Soybean-0 days Sugar beets-36 months, 24 months is allowed with a successful Bioassay Sunflower-12 months Sweet corn-18 months Tomatoes-0 days Wheat-4 months Any crop not listed-18 months	Barley-9 months Corn (yellow field corn, white field corn, corn grown for seed)-1 month Corn (sweet, pop)-9 months Soybean-2 months Wheat (spring)-3 months Wheat (winter)-3 months All other crops-18 months The amount of cumulative precipitation required before planting of a rotational crop is in addition to the required rotational interval given in months. Crop varieties planted back at intervals of one year or less should not have known acute sensitivity to ALS-inhibiting or SU herbicides. When soil pH is 7.5 or above soybeans-9 months, STS soybeans-4 months. Soil pH is 7.5 or above plant back is delayed 18 months for 9-10 month listed crops and to 24 months for crops listed in the 18 month interval.	Wheat, Barley-0 days Leafy, Root Crops-30 days Other Cereal Grains & all other crops-90 days
Grazing Restrictions	Do not graze treated soybean or harvest for forage or hay.	Do not graze livestock within 45 days of application.	Do not graze livestock or harvest forage for hay from treated wheat and barley for a minimum of 30 days following application. Do not harvest grain for 60 days. Wheat and barley straw may be fed to livestock 60 days after application.
PreHarvest			
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants		x	
Coveralls over Short Sleeve Shirt & Pants			x
Waterproof Gloves			
Chemical-Resistant Gloves	polyethylene, polyvinyl chloride	x	barrier laminate, butyl, nitrile, neoprene, polyvinyl chloride, viton
Protective Eyewear			
Shoes plus Socks	x	x	
Chemical Resistant Shoes plus Socks			x
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)		48 hours	30 Minutes

Product	AxialStar Fluroxypyr 1-methylheptyl ester EPA#100-1389 Syngenta	Aza-Direct Azadirachtin EPA# 71908-1-10163 Gowen	Balance Flexx Isoxaflutole EPA# 264-1067 Bayer
Re-Entry Interval	48 hours	4 hours	12 hours
Crop Rotation Restrictions	Wheat, Barley-0 days All other crops-4 months		Corn (field)-immediately Wheat-4 months Soybeans, barley, sweet corn, popcorn, Potato, grain, sorghum, sunflower-6 months Dry beans and sugar beets-18 months In the states of CO, KS, KY, MO, and TN, if the water table (i.e. level of saturation) is less than 25 feet below the ground surface, do not use on loamy sand or sand surface soil and subsoils with an average organic matter (in the upper 12 inches) of less than 2% by weight.
Grazing Restrictions	Do not graze livestock or harvest forage for hay from treated wheat and barley for a minimum of 30 days following application. Do not harvest grain for 60 days following application. Do not feed treated wheat or barley straw to livestock for a minimum of 60 days following application.		
PreHarvest		Aza-Direct can be applied as directed to any food or non-food crop up to and including the day of harvest	Harvest of corn forage is permitted at 45 days or more after an early postemergence treatment
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			x
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves		x	
Chemical-Resistant Gloves	barrier laminate, butyl, nitrile, neoprene, polyvinyl chloride, viton		polyethylene, polyvinyl chloride
Protective Eyewear	x		x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			x
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage	1 hour	2 Hours	
Temperature (F)	No Temperature Restriction	32	No Temperature Restriction

Product	Banvel Dicamba EPA# 66330-276 MicroFlo/Arysta	Basagran Sodium salt of bentazon EPA# 7969-45-66330 Arysta	Baythroid XL Cyfluthrin EPA# 264-840 Bayer
Re-Entry Interval	24 hours	48 hours	12 hours
Crop Rotation Restrictions			
Grazing Restrictions		Corn-12 days Sorghum-12 days Soybeans-30 days	Sorghum-5.6 oz or less, graze day of app. 5.6 oz. or more allow 14 days. Sunflower-30 days
PreHarvest		Beans (dry or succulent)-30 days	Alfalfa-7 days Potatoes-day of harvest Sorghum-14 days Sweet corn-day of harvest Sunflower-30 days Carrots-day of harvest Tomatoes-day of harvest
Posting and/or oral notification for workers	Either	Either	Post
Coveralls	x	x	
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves		x	
Chemical-Resistant Gloves	x		barrier laminate, viton
Protective Eyewear	x		x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	32	4 hours 32	0

Product	Beleaf 50 SG Flonicamid EPA# 71512-10-279 FMC Corporation	Belt Flubendiamide EPA# 264-1025 Bayer	Beyond Imazamox EPA# 241-441 BASF
Re-Entry Interval	12 hours	12 hours	4 hours
Crop Rotation Restrictions	Following application, any crop listed on this label may be planted as a rotational crop. All other crops may be planted 30 days after the last application.	Treated areas may be replanted with any crop on this label as soon as practical. Alfalfa-0 days Brassica (cole) leafy vegetables-0 days Corn (field, pop, sweet)-0 days Cucurbit vegetables-0 days Fruiting vegetables-0 days Leafy vegetables-0 days Legume-0 days Soybeans-0 days Sorghum-0 days Sunflower-0 days Barley-30 days Millet (pearl) Millet (proso)-30 days Oats-30 days Root crops-30 days Triticale-30 days Wheat-30 days All other crops-9 months	
Grazing Restrictions		Cover crops for soil building or erosion control may be planted at any time, but do not graze or harvest for food or feed.	
PreHarvest	Brassica-0 days Cucurbit vegetables-0 days Fruiting vegetables-0 days Hop-10 days Leafy vegetables-0 days Tuberous & Corm vegetables-7 days Root vegetables-3 days Alfalfa seed-14 days	Alfalfa-0 days Brassica (cole) leafy vegetables-8 days Corn (field, pop, corn grown for seed)-green forage and silage 1 day, sweet corn 1 day, grain or stover 28 days Cucurbit vegetables-1 day Fruiting vegetables-1 day Leafy vegetables-1 day Legume (forage, hay, vines)-3 days Edible podded and succulent shelled peas/beans-1 day, dry peas/beans-14 days Soybean-immature seed 1 day, dry seed 14 days, forage and hay 3 days Sorghum-forage 3 days, grain and stover 14 days Sunflower-14 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves	x		
Chemical-Resistant Gloves		barrier laminate, butyl, nitrile, viton, natural rubber	butyl, natural, neoprene, nitrile
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)		48 hours	32

Product	Bicep II Magnum Atrazine/Metochlor EPA# 100-817 Syngenta	Bicep Lite II Magnum Atrazine/Metochlor EPA# 100-827 Syngenta	Bifen 2 Ag Gold Bifenthrin EPA# 83222-1 Direct Ag Source
Re-Entry Interval	24 hours	24 hours	12 hours
Crop Rotation Restrictions	If applied after June 10, do not rotate with crops other than corn or sorghum the next year, or injury may occur. Do not plant sugar beets, vegetables(including dry beans), spring seeded small grains or small seeded legumes the following application, or injury may occur.	If applied after June 10, do not rotate with crops other than corn or sorghum the next year, or injury may occur. Do not plant sugar beets, vegetables(including dry beans), spring seeded small grains or small seeded legumes the following application, or injury may occur.	If applying to crops for which bifenthrin tolerances exist, the crops may be rotated at any time. All other crops may be rotated 30 days following the final application.
Grazing Restrictions	To avoid possible illegal residues, do not graze or feed forage from treated areas for 30 days following applications.	To avoid possible illegal residues, do not graze or feed forage from treated areas for 30 days following applications.	Corn (field grain and silage, popcorn, grown for seed)-30 days
PreHarvest			Corn (field grain and silage, popcorn, grown for seed)-30 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves	x	x	
Chemical-Resistant Gloves			barrier laminate, nitrile, neoprene, viton
Protective Eyewear			x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	4 hours No Temperature Restriction	4 hours No Temperature Restriction	34

Product	Boundary 6.5 EC S-metolachlor EPA# 100-1162 Syngenta	Brigadier Bifenthrin EPA# 279-3332 FMC	Bravo Weather stik Chlorothalonil EPA# 50534-188-10182 Syngenta
Re-Entry Interval	12 hours	12 hours	48 hours
Crop Rotation Restrictions	Winter barley-4 1/2 months Winter wheat-4 1/2 months Alfalfa-4 1/2 months Corn-8 months Spring barley-8 months Spring wheat-8 months Tomatoes-12 months Forage grasses-12 months Onions-18 months Sugar beets and other root crops-18 months If replanting is necessary replant to soybeans or potatoes. Refer to the crop use sections for recommendations, precautions and restrictions.	Cereals, cucurbits-30 days Onion and bulb vegetable-10 month All other crops-12 months	
Grazing Restrictions	Soybeans-40 days	Soybeans 45 days to feed vines	Beans, sweet corn-Do not allow livestock to graze in treated fields.
PreHarvest	Potatoes-60 days	Head and stem brassica-7 days Leafy brassica-7 days Head lettuce-7 days Legume vegetables-14 days Succulent beans-7 days Potatoes-21 days (Foliar uses) Soybeans-45 days for feeding or dry vines; 18 days for feeding or green vines Tomatoes-1 day Tuberous and corm vegetables-21 days	Dry beans-14 days Sweet corn-14 days Dry bulb onions-7 days Potatoes-7 days Green onions-14 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			x
Chemical-Resistant Gloves	barrier laminate, viton, nitrile, butyl, neoprene		
Protective Eyewear			x
Shoes plus Socks	x		x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			dust/mist filtering
Rainfast Storage Temperature (F)	No Temperature Restriction		No Temperature Restriction

Product	Buctril Octanoic acid ester of bromoxynil EPA# 264-437 Bayer	Butyrac 200 2,4-Dichlorophenoxy butyric acid, dimethylamine salt EPA# 42750-38 Albaugh	Cabrio Pyraclostrobin EPA# 7969-187 BASF
Re-Entry Interval	24 hours	48 hours	12 hours
Crop Rotation Restrictions	Do not plant rotational crops within 30 days following application.		Crops listed on the Cabrio label may be planted immediately following the last application. All other crops can be planted 14 days after the last application.
Grazing Restrictions	Do not cut crop for feed, fodder or graze within 45 days of application. Wheat, barley, oats, rye, seedling alfalfa-do not cut for feed or graze fall or winter treated under seeded alfalfa until spring (at least 60 days following treatment). Do not graze CRP areas. Do not graze treated non-residential turfgrasses.	Seedling alfalfa or seedling birdsfoot trefoil-60 days Established alfalfa-30 days Do not graze treated CRP areas	
PreHarvest		Do not harvest treated CRP areas.	Onions-7 days Cucurbit vegetables-0 days Carrots-0 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	x
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants	x		
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier, viton	butyl, natural, neoprene, nitrile	nitrile, butyl
Protective Eyewear	x	x	
Shoes plus Socks		x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear	x		
Chemical Resistant Apron	x		
Respirator			
Rainfast Storage Temperature (F)		35	

Product	Cadet Fluthiacet-methyl EPA# 279-3338 FMC	Callisto Mesotrione EPA# 100-1131 Syngenta	Capreno Thiencarbazone-methyl/Tembotrione EPA# 264-1063 Bayer
Re-Entry Interval	12 hours	12 hours	12 hours
Crop Rotation Restrictions	Following harvest any crop may be planted following soybeans or corn treated with Cadet Herbicide alone. There are no crop restrictions.	Corn-immediately Small grains-120 days Sorghum, potatoes, sunflowers, sweet corn-following season. Sugar beets, dry beans, cucurbits, alfalfa -18 months	Field corn (yellow dent)-immediately Wheat, triticale-4 months Barley, soybean, sweet corn, popcorn, sorghum, spring seeded alfalfa-10 months (when soil pH is 7.5 > delay to the next interval) Alfalfa, green and dry beans, oats, sunflower, potato, sugar beet and all other crops-18 months (when soil pH is 7.5- delay to the next interval) Rotation to sorghum should be delayed to next interval when the total seasonal rate exceeds 3.0 fl oz/ac or the total from all sources of Thiencarbazone-methyl exceeds 0.014 pounds of active ingredient per acre per season. Crop varieties planted back at intervals of one year or less should not have a known acute sensitivity to ALS-inhibiting and/or SU herbicides. All other crops may be seeded after completion of a successful field bioassay.
Grazing Restrictions	Do not graze or feed soybean forage or hay to livestock. Corn grain or stover (fodder)-70 days Field corn forage-30 days Sweet corn forage or ears-40 days		Do not apply within 45 days of grazing livestock or harvesting corn forage.
PreHarvest	Corn grain or stover (fodder)-70 days Field corn forage-30 days Sweet corn forage or ears-40 days	Do not harvest forage, grain or stover within 45 days after application.	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants	x		x
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves	x		
Chemical-Resistant Gloves	barrier laminate, butyl rubber, viton	nitrile, butyl	polyethylene, polyvinyl chloride
Protective Eyewear	x		x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear			
Chemical Resistant Apron			x
Respirator			
Rainfast Storage Temperature (F)	4 hours 32	-20	1 hour No Temperature Restriction



Product	Capture LFR Bifenthrin EPA# 279-3302 FMC	Carbaryl 4L Carbaryl EPA# 34704-447 Loveland Products	Chateau Herbicide SW Flumioxazin EPA# 59369-99 Valent
Re-Entry Interval	12 hours	12 hours	
Crop Rotation Restrictions	Crops for which bifenthrin tolerances exist may be rotated at any time. All other crops may be rotated 30 days following the final application.		Planting earlier than the recommended rotational interval may result in crop injury. Do not plant any crop except field corn, soybean, sweet potato earlier than 30 days after applying.
Grazing Restrictions		For all listed crops and uses, do not apply at greater rates or at more frequent intervals than stated on the label. If forage is grazed or used as feed for dairy and meat animals, follow all use restrictions in order to avoid illegal residues in crops, meat or milk. Alfalfa-7 days; Cereal Grains-14 days Field Corn-14 days; Sorghum-14 days Sweet corn (forage)-14 days Sweet corn (fodder)-48 days Soybeans-14 days; CRP-14 days Sugar beets-28 days Sunflowers (forage)- 30 days Sunflowers (seed)-60 days	Except for alfalfa, field corn do not graze treated fields or feed treated forage or hay to livestock.
PreHarvest		Alfalfa-7 days Sorghum-21 days Soybeans-14 days Sugar beets-28 days Cereal grains-48 days Field corn-48 days Sweet corn (forage)-14 days Sweet corn (fodder)-48 days CRP-14 days Sunflowers (forage)-30 days Sunflowers (seed)-60 days	
Posting and/or oral notification for workers	Either	Both	Either
Coveralls	x	x	
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants		x	
Waterproof Gloves	x		
Chemical-Resistant Gloves	barrier laminate, nitrile, neoprene, viton	x	polyethylene, polyvinyl chloride
Protective Eyewear	x		
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks		x	
Chemical Resistant Head Gear		x	
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	No Temperature Restriction		1 hour

Product	Cinch S-metolachlor EPA# 352-625 DuPont	Clarifier Diglycolamine EPA# 7969-137-33270 United Suppliers	Cleanshot 4L Diuron EPA# 66222-54 MANA
Re-Entry Interval	24 hours	24 hours	12 hours
Crop Rotation Restrictions	Do not rotate to food or feed crops other than those listed. For all crops not listed wait at least 12 months. Barley, oats, rye, wheat may be planted 4 1/2 months following treatment. Clover may be seeded 9 months following application. If not more than 1.33pt/ac was applied 60 days-root and fruiting vegetables (except cucurbits) If more than 2.0pt/ac was applied 60 days-tuberous and corm vegetables, bulb vegetables, head and stem brassica vegetables.		Unless otherwise directed, do not replant treated areas to any crop within 2 years after last application, as injury to subsequent crops may result. For crops grown in the arid west, reductions in normal irrigation practices for the crop in production or a summer fallow period without supplemental irrigation may require the crop rotation intervals to be extended. A field bioassay should be completed prior to planting any desired crop. A successful bioassay means growing to maturity a test strip of the crops intended for production. The test crops strip should cross the entire field including knolls, low areas and areas where any berms were located. The results of this bioassay may require the rotation intervals to be extended.
Grazing Restrictions	To avoid possible illegal residues do not graze or feed forage from treated areas for 30 days following application and do not harvest sweet corn ears from treated areas for 30 days following application. Do not graze or feed treated soybean forage, hay, or straw to livestock 30 days following treatment, or illegal residues may result. To avoid possible illegal residues do not allow livestock to graze or feed in treated area.		
PreHarvest	Beans-120 days Potatoes-60 days Sugar beets-60 days Tomatoes-application rate > 1.33pt/ac up to 2.0pt/ac-90 days Tomatoes-application rate <1.33pt/ac-30 days		Barley (winter)-1 year Oats-1 year Wheat (winter)-1 year
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves		x	x
Chemical-Resistant Gloves	barrier, viton		x
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			x
Respirator			x
Rainfast Storage Temperature (F)	-30	34	

Product	Clethodim 2E Clethodim EPA# 42750-72 Albaugh	Comite II Propargite EPA# 400-154 Uniroyal	Command 4EC Clomazone EPA# 279-3053 FMC
Re-Entry Interval	24 hours	7 days	12 hours
Crop Rotation Restrictions	Alfalfa-30 days	Do not plant leafy vegetables in rotation within 2 months after last application of Comite II to corn. Do not plant small grains in rotation within 82 days after last application of Comite II to corn. Do not plant any other food or feed crop in rotation within 6 months after last application of Comite II unless the crop is a registered use for Comite II.	Corn, dry beans, potatoes, sugar beets-9 months Wheat-12 months
Grazing Restrictions	Alfalfa-15 days	Sweet corn-Do not graze or feed livestock on treated areas.	Do not graze or harvest for food or feed cover crops planted less than 9 months after command 4EC treatment.
PreHarvest	Alfalfa-15 days Dry beans-30 days Succulent beans-21 days Garden beet-30 days Brassica vegetables-30 days Carrot-30 days Field corn-90 days Fruiting vegetables-20 days Brassica greens-14 days Leafy greens-14 days Legume vegetables-21 days Onions (dry bulb)-45 days Green onions-14 days Potatoes-30 days Soybeans-60 days Sugar beets-40 days Sunflowers-70 days Tomatoes-20 days	Field corn-30 days Sorghum silage-30 days Sorghum grain-60 days Sweet corn-30 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants		x	
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, viton	barrier laminate, viton	barrier laminate, viton
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear		x	
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	No Temperature Restriction		

Product	Commando Clopyralid MEA salt EPA# 42750-92 Albaugh	Coragen Chlorantraniliprole EPA# 352-729 DuPont	Corvus Thiencarbazono-methyl EPA# 264-1066 Bayer
Re-Entry Interval	48 hours	4 hours	12 hours
Crop Rotation Restrictions	Barley, field corn, grasses, oats, wheat-30 days Sugar beets-5 months Alfalfa, dry beans, sorghum, onions, soybeans, sunflowers, sweet corn-10.5 months (soils >2% organic matter) 18 months (soils <2% organic matter) Potatoes-18 months A field bioassay is recommended prior to planting any broadleaf crops that are not listed. Do not rotate to unlisted crops prior to 10.5 months following application.	Crops on this label may be planted immediately following harvest. All other crops cannot be planted until 12 months after the last application.	Rotational crops vary in their response to low concentrations of this product remaining in the soil. The amount that may be present depends on soil moisture, temperature, application rate, elapsed time since application and other environmental factors. Crops planted back at one year or less should not have known acute sensitivity to ALS-inhibiting and/or SU herbicides. In the event of crop failure if treated corn is lost only field corn may be replanted immediately. When soil pH is 7.5 or above plant back should be delayed to the next interval, and to 24 months for crops listed in the 17 month interval above. Field corn-0 months Wheat, triticale-4 months Barley, soybean, sweet corn, popcorn-9 months Alfalfa, green and dry beans, oats, sorghum, sunflower, potato, sugar beet, and all other crops-17 months
Grazing Restrictions	Do not graze lactating dairy cattle in treated areas for 14 days. Do not cut treated grass for hay within 30 days. Do not transfer livestock from treated grazing areas to sensitive broadleaf crop areas without first allowing 7 days of grazing on untreated pasture. If livestock are transferred within 7 days of grazing untreated pasture or eating untreated hay, urine and manure may contain enough clopyralid to cause injury to sensitive broadleaf plants.		
PreHarvest		Bulb vegetables-1 day Brassica (cole) leafy vegetables-3 days Cereal grains (except corn)-14 days Forage, fodder, straw of cereal grains (except corn)-14 days Corn (field, pop)-14 days Corn (sweet, seed)-1 day Cucurbit vegetables-1 day Fruiting vegetables-1 day Grass, forage, fodder, hay-0 days Herb-1 day Hops-0 days Leafy vegetables (non-brassica)-1 day Legume vegetables-1 day Potato-14 days Oilseed-21 days Root and tuber/leaves of-1 day Soybean-1 day	Field corn forage-45 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			x
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves	x		
Chemical-Resistant Gloves	x		polyethylene, polyvinyl chloride
Protective Eyewear	x		x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			x
Chemical Resistant Head Gear			
Chemical Resistant Apron			x
Respirator			
Rainfast Storage Temperature (F)	6 hours	48 hours	48 hours
		32	No Temperature Restriction

Product	<b>Curtail</b> Clopyralid/2-4-d EPA# 62719-48 Dow AgroSciences	<b>Dakota</b> Clethodim EPA# 9468-37-83979 Rotam	<b>Dicamba DMA</b> Dimethylamine salt of dicamba EPA# 42750-40 Albaugh
<b>Re-Entry Interval</b>	48 hours	24 hours	24 hours
<b>Crop Rotation Restrictions</b>	Barley, Field corn, wheat, oats-30 days Sugar beets-5 months Alfalfa, dry beans, onions, soybeans, sunflowers, Sweet corn-10.5 months Potatoes-18 months		Refer to crop label
<b>Grazing Restrictions</b>	Do not graze lactating Dairy cattle in treated areas for 14 days after application. Remove meat animals from freshly treated areas 7 days before slaughter. Do not cut treated grass for hay within 30 days after application.	Alfalfa-15 days Do not apply Dakota plus 2,4-DB as a tank mix to alfalfa unless the 60 day feeding, grazing, and harvesting restriction on the 2,4-DB label can be observed. Soybean-do not graze treated fields or feed treated forage or hay to livestock.	Corn-when reached the ensilage (milk) stage or later in maturity Sorghum-mature grain stage Wheat, barley & oats-Animals for slaughter cannot be removed from treated area for slaughter prior to 30 days. There is no waiting period between treatment and grazing for non-lactating dairy animals, treated areas may not be grazed by lactating dairy animals before 7 days Pasture, hay, rangeland-0 days for non-lactating animals
<b>PreHarvest</b>		Alfalfa-15 days Beans (dry shelled)-30 days Beans (succulent)-21 days Brassica vegetables (head and stem)-30 days Carrot-30 days Cucurbits-14 days Fruiting vegetables (except tomato)-20 days Herbs-14 days Hops-21 days Leafy brassica greens-14 days Leafy greens-14 days Legume (edible podded)-21 days Onion(dry bulb)-45 days Potato-30 days Root vegetables-30 days Soybean-60 days Sugar beet-40 days Sunflower-70 days Sweet potato-30 days Tomato-20 days	Wheat, barley, oats hay (not underseeded to legumes)-37 days Sorghum grain or fodder-30 days Wheat, barley, oat for grain-7 days Pasture, hay, rangeland, general farmstead (non-cropland)-7 days
<b>Posting and/or oral notification for workers</b>	Either	Either	Either
<b>Coveralls</b>		x	
<b>Long Sleeve Shirt &amp; Long Pant</b>	x	x	x
<b>Coveralls over Long Sleeve Shirt &amp; Pants</b>			x
<b>Coveralls over Short Sleeve Shirt &amp; Pants</b>			
<b>Waterproof Gloves</b>	x		
<b>Chemical-Resistant Gloves</b>		butyl, natural, neoprene, nitrile, barrier laminate, viton	butyl, natural, neoprene, nitrile
<b>Protective Eyewear</b>	x		x
<b>Shoes plus Socks</b>	x	x	x
<b>Chemical Resistant Shoes plus Socks</b>			x
<b>Chemical Resistant Head Gear</b>			x
<b>Chemical Resistant Apron</b>			
<b>Respirator</b>			
<b>Rainfast Storage Temperature (F)</b>	8 hours 40	1 hour	35

Product	Dicamba HD Diglycolamine salt of 3,6-dichloro-o-anisic acid EPA# 42750-209 Albaugh	Dicamba Max 4 Dimethylamine salt of dicamba EPA# 83222-14 Direct Ag Source	DiFlexx Diglycolamine salt of 3,6-dichloro-Q-anisic acid EPA# 264-1173 Bayer
Re-Entry Interval	24 hours	24 hours	24 hours
Crop Rotation Restrictions	For Dicamba HD applications of 24 fluid ounces per acre or less: No rotational cropping restrictions apply at 120 days or more following application. Planting restrictions for applications of more than 24 fluid ounces of Dicamba HD per acre: corn, sorghum (east of the Rocky Mountains) and all other crops grown in areas with 30" or more of annual rainfall may be planted 120 days or more after application. Barley/wheat may be planted if the interval from application to planting is 45 days per 16 fluid ounces per acre west of the Mississippi River. All other crops in areas with less than 30" of annual rainfall, the interval between application and planting is 180 days or more.	Corn, sorghum, soybeans-may be planted in the spring following application Wheat-may be planted in the fall or spring following application. Following a normal harvest of barley, oats, wheat any rotation crop may be planted. If the interval before harvest is shortened, such as when cover crops will be plowed under, do not follow up with the planting of a sensitive crop. West of the Mississippi River, the interval is 45 days per pint per treated acre or 3 days per ounce. Moisture is essential for Dicamba Max 4 degradation. Exclude days when ground is frozen.	24 ounces- p/ac application: Corn-0 days Barley-60 days Oat-60 days Sorghum-60 days Soybean-60 days Wheat-60 days All other crops-120 days More than 24 ounces up to 64 ounces p/ac: Corn/sorghum (East of Rocky Mtn.)- and all other crops grown in areas with 30" or more of annual rainfall may be planted 120 days or more after application. Barley, oat, wheat, other grass seedlings grown west of Mississippi River may be planted 60, 90, 135 and 180 days following application rates of 16, 17-32, 33-48, and 49-64 fl/ounce/acre respectively. For all other crops in areas with less than 30" of annual rainfall, the interval between application and planting is 180 days or more.
Grazing Restrictions	Corn may be harvested or grazed for feed once the crop has reached the ensilage (milk) stage or later in maturity. Barley-CRP-fallow ground-pastureland- proso millet soybean-wheat-for lactating dairy animals up to 1 pint/acre-7 days, 2 pint/acre-21 days, 4 pint/acre-40 days Do not feed soybean fodder or hay following application.	Wheat, barley, oats pasture or hay-animals cannot be removed from treated area for slaughter prior to 30 days after application. There is no waiting period between treatment and grazing for non-lactating dairy animals. Treated areas may not be grazed by lactating dairy animals before 7 days after treatment. Do not harvest hay from treated areas before 37 days after treatment. Pasture, hay, rangeland, general farmstead-1pt-7 days, 2 pt-21 days, 4 pt-40 days	
PreHarvest	Barley-7 days Wheat-7 days Sorghum-30 days Soybeans-14 days	Sorghum (milo)-grain-30 days, fodder-30 days, forage-30 days Wheat, barley, oats not underseeded to legumes-7 days Pasture, hay, rangeland, general farmstead-1pt-37 days, 2 pt-51 days, 4 pt-70 days	Corn forage may not be harvested within 45 days of the final application. Corn grain and stover may be harvested once the crop has reached the ensilage (milk) stage.
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants	x	x	x
Waterproof Gloves			
Chemical-Resistant Gloves	x	x	nitrile, butyl
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks	x	x	x
Chemical Resistant Head Gear	x	x	x
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	4 hours No Temperature Restriction	No Temperature Restriction	4 hours

Product	Dimethoate 4E Dimethoate EPA# 51036-110 Micro Flo Company	Discipline 2EC Bifenthrin EPA# 5481-517 Am-Vac	Disyston 8E Disulfoton EPA# 3125-307 Bayer
Re-Entry Interval	48 hours	12 hours	72 hours
Crop Rotation Restrictions		Crops for which Bifenthrin tolerances exist may be rotated at any time. All other crops may be rotated 30 days following the final application of Bifenthrin	
Grazing Restrictions	Beans-Do not feed treated vines Alfalfa-10 days Field corn-14 days Sorghum-28 days Soybeans-5 days Wheat-14 days	Field corn, sweet corn-30 days	Barley-30 days Wheat-Do not graze treated fields
PreHarvest		Field corn, sweet corn-30 days Succulent beans-3 days Tomatoes-1 day	Barley-60 days Sorghum-45 days Wheat-30 days Beans-60 days Potatoes-75 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants			x
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, viton	barrier laminate, nitrile, neoprene, viton	barrier laminate, butyl, nitrile, viton
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	
Chemical Resistant Shoes plus Socks	x		x
Chemical Resistant Head Gear	x		
Chemical Resistant Apron			x
Respirator			
Rainfast Storage Temperature (F)	32		

Product	Dithane F-45 RainShield Mancozeb EPA# 62719-396 Dow	Diuron 4L Diuron EPA# 66222-54 MANA	Dual Magnum Metolachlor EPA# 100-816 Syngenta
Re-Entry Interval	24 hours	12 hours	24 hours
Crop Rotation Restrictions		Do not replant treated areas to any crop within 2 years of last application, as injury to subsequent crops may result.	Barley,wheat-4 1/2 months following application Any crop on this label, in addition to root crops, barley, wheat may be planted in the spring following treatment.
Grazing Restrictions	Sweet corn-do not feed treated forage to livestock Barley, wheat, oats-do not graze livestock in treated areas prior to harvest Sugar beets-do not feed treated tops to livestock Assorted grasses-do not graze treated areas. Do not use on grasses intended for grazing, such as range or pasture grasses. Do not feed clippings to livestock.		For all applications to corn: to avoid possible illegal residues, do not graze or feed forage from treated areas for 30 days following application. Pod crops-do not cut for hay within 120 days of application.
PreHarvest	Sweet corn-7 days Onions-7 days Potatoes-14 days Tomatoes-5 days Barley, wheat, triticale, oats-26 days Sugar beets-14 days		Potatoes-60 days after the at-planting to drag off application, or 40 days after lay-by application.
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	x	polyethylene, polyvinyl chloride	barrier laminate, viton
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron		x	
Respirator		x	
Rainfast Storage Temperature (F)			-30



Product	Dual II Magnum Metolachlor EPA# 100-818 Syngenta	DuPont Aproach Picoxystrobin EPA# 352-840 DuPont	Durango Glyphosate EPA# 62719-556 Dow
Re-Entry Interval	24 hours	12 hours	4 hours
Crop Rotation Restrictions	Barley, wheat-4 1/2 months following application. Alfalfa may be planted 4 months following application. Any crop on this label, in addition to root crops, barley, wheat may be planted in the spring following treatment.	Treated areas may be replanted immediately after harvest with any crop appearing on this label. All other crops may be planted 6 months following the last application.	
Grazing Restrictions	For all applications to corn: to avoid possible illegal residues, do not graze or feed forage from treated areas for 30 days following application. Pod crops-do not cut for hay within 120 days of application.		Remove domestic livestock before application. Alfalfa-36 hours Legumes-3 days, if rate is >2.25pt/ac do not graze or harvest treated foliage for livestock feed. Wheat, feed barley-7 days Corn-7 days Sunflower-do not feed or graze sunflower forage following application Pastures-if rate is >2.25qt/ac remove domestic livestock-8 weeks Soybean-if rate is >1.5pt-25 days Legume vegetables(succulent or dried)-do not feed treated vines to livestock. Roundup ready corn-7 days Roundup ready soybean-14 days
PreHarvest	Potatoes-60 days after the at-planting to drag off application.	Wheat, barley grain, straw-45 days Grain for forage-7 days Grain for hay-14 days Sorghum-do not apply after flowering, do not use for hay or forage Corn-7 days grain and ear Corn forage-0 days Soybean (forage, hay and grain)-14 days	Wheat/feed barley-7 days Corn-7 days Grain sorghum (milo)-7 days Sugar beet-5 days Sunflower-7 days Soybean-7 days Legume vegetables(succulent or dried)-7 days Root/tuber vegetables-14 days Roundup ready corn-50 days Roundup ready soybean-14 days Roundup ready sugar beet-30 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, viton	polyethylene, polyvinyl chloride, natural rubber	natural rubber
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	-30		No Temperature Restriction

Product	Endigo ZC Thiamethoxam EPA# 100-1276 Syngenta	Eptam 7E EPTC EPA# 10163-283 Gowan	Exirel Cyantraniliprole EPA# 352-859 DuPont
Re-Entry Interval	24 hours	12 hours	12 hours
Crop Rotation Restrictions	Alfalfa, barley, brassica, leafy & head & stem vegetables, corn, cucurbit, dry bulb onions, fruiting, leafy, legume vegetables, lettuce (head & stem), root, sorghum, soybean, sunflower, wheat-0 days For all other crops-120 days		Crops on this label and the following crops may be planted immediately following application: brassica leafy (group 5), bulb (group 3-07), fruit crop subgroup 13-07B, cucurbit (group 9), fruiting vegetables (group 8-10), leafy except brassica (group 4), oilseeds (group 20) The following crops may be planted 30 days following the last application: cereal grains (group 15), foliage of legume (group 7), forage, fodder, straw of cereal grains (group 16), grass forage, fodder and hay (group 17), legume veg (succulent or dried group 6), nongrass animal feeds (forage, fodder, straw, hay group 18), leaves of root and tuber vegetables (group 2), root vegetables (subgroup 1A), tuberous and corm vegetables (root and tuber group 1C). All other crops cannot be planted until 12 months after the last application.
Grazing Restrictions	Barley-meat or dairy animals-7 days Barley-do not feed treated straw to meat or dairy animals within 30 days Soybeans-do not graze or harvest treated soybean forage, straw or hay for livestock feed. Cover crop-may not be grazed or harvested for food or feed.	Beans-do not feed or pasture vines within 45 days after application. Alfalfa-14 days	
PreHarvest	Barley-30 days Head & stem brassica-1 day Cucurbit vegetables-1 day Fruiting vegetables-5 days Lettuce (head & leaf)-7 days Soybean-30 days	Alfalfa- Do not apply within 14 days of harvest. Potatoes-Do not apply within 30 days of harvest. Sugar beets-49 days Tomatoes-21 days	Brassica (Cole) Leafy vegetables-1 day Bulb vegetables-1 day Cucurbit vegetables-1 day Fruiting vegetables-1 day Commercial greenhouse grown-1 day Leafy vegetables non-brassica-1 day Pome fruit-3 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			x
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants	x		
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, viton	barrier laminate, viton, nitrile, neoprene	butyl, natural, neoprene, nitrile
Protective Eyewear		x	
Shoes plus Socks		x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear	x		
Chemical Resistant Apron	x	x	
Respirator			
Rainfast Storage Temperature (F)		-50	48 hours 32

Product	Express TotalSol Tribenuron methyl EPA# 352-632 DuPont	Extreme Imazethapyr/Glyphosate EPA# 241-405 BASF	Facet L Dimethylamine EPA# 7969-315 BASF
Re-Entry Interval	12 hours	48 hours	12 hours
Crop Rotation Restrictions	Wheat, barley & triticale-0 days Sugar beets-60 days Corn-14 days Soybeans-14 days Grain sorghum-14 days Any other crop may be planted 45 days after application	If replanting is necessary in a field previously treated do not plant alfalfa for 4 months following application. Soybeans-immediately Snap beans-2 months Wheat-4 months Field corn, field corn grown for seed-8 1/2 months Barley-9 1/2 months Oats, popcorn, sorghum, sunflower, sweet corn-18 months Potatoes-26 months All crops not listed-40 months	
Grazing Restrictions	Allow at least 7 days between application & grazing of treated forage. Allow at least 30 days of feeding hay. Straw may be used for bedding and/or feed. Allow at least 45 days for harvesting of grain.	Do not graze or feed treated soybean forage, hay or straw to livestock. Roundup ready alfalfa-30 days	Do not cut treated area for hay within 7 days after treatment; however there is no waiting period restriction on grazing forage following application at labeled rates
PreHarvest	Wheat, barley & triticale-45 days	Soybeans-85 days Roundup ready alfalfa-30 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	x
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	polyethylene, polyvinyl chloride	butyl, natural, neoprene, nitrile	butyl, natural, neoprene, nitrile
Protective Eyewear		x	
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)			6 <104

Product	Fastac EC Alpha-cypermethrin EPA# 7969-298 BASF	Finnese Chlorsulfuron/ Metsulfuron EPA# 352-445 DuPont	Five Star Isooctyl (2-ethylhexyl) ester of 2,4- dichlorophenoxyacetic acid EPA# 42750-49 Albaugh
Re-Entry Interval	12 hours	4 hours	12 hours
Crop Rotation Restrictions	With the exception of the following listed crops, rotational crops should not be planted within 30 days of last application.	Wheat-pH 7.9 or lower 0 months Field corn-pH 7.4 or lower, 2/10 ti 4/10 - 11 months	
Grazing Restrictions	Alfalfa-3 days Corn (field, pop, seed)-60 days forage Sweet corn-3 days ears or forage	There is no grazing restrictions on Finnese.	Corn-7 days Sorghum (milo-grain)-30 days Sorghum (forage crop)-dairy animals 30 days Wheat, oats, barley, rye-dairy/meat animals being finished for slaughter 2 weeks. Do not feed treated straw to livestock if an emergency and/or preharvest treatment is applied. Fallow land-dairy animals-7 days, meat animals-3 days before slaughter, grass for hay-30 days. Soybeans-do not feed hay, forage or fodder. Restrict livestock from grazing treated fields/cover. Grass pastures/rangeland-forage for hay 7 days, dairy animals-7 days, meat animals-3 days before slaughter, grass for hay-30 days.
PreHarvest	Alfalfa (cutting or grazing)-3 days, harvesting seed 7 days Brassica vegetables-1 day Corn (field, pop, seed)- 30 days grain and stover, 60 days forage Sweet corn-3 days Cucurbits-1 day Fruiting vegetables-1 day Leafy vegetables-1 day Legume vegetables- 1 day succulent shelled or edible-podded, 21 dried shelled Sorghum and other cereals-14 days grain and fodder stover, 45 days forage silage Soybeans-21 days Sugar beets-50 days Wheat-14 days		Corn (field and popcorn)-7 days Corn (sweet)-45 days Sorghum (forage crop only)-30 days What, oats, barley, rye (not underseeded with a legume)-14 days Grass pastures-7 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves		x	
Chemical-Resistant Gloves	nitrile, butyl, neoprene, barrier laminate, viton		x
Protective Eyewear	x		
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			x
Respirator			
Rainfast Storage Temperature (F)	32	4 hours	35

Product	Forefront Triisopropanol-ammonium salt EPA#62719-524 DOW	Fortix Flutriafol EPA# 66330-409 Chemnova / Arysta LifeScience	Fulfill Pymetrozine EPA# 100-912 Syngenta
Re-Entry Interval	48 hours	5 days	12 hours
Crop Rotation Restrictions	Do not rotate to cropland for one year following an application. Do not plant a broadleaf crop until an adequately sensitive field bioassay shows that the level of aminopyralid present in the soil will not adversely affect that broadleaf crop.	Crops treated with FORTIX Fungicide may be rotated to a labeled crop at any time. Rotation to any other crop not listed on this label is prohibited.	Rotational (plantback) restriction for Fulfill is 30 days for all crops.
Grazing Restrictions	Do not harvest forage for hay within 7 days of application.	Do not feed forage or hay to animals or permit animals to graze.	
PreHarvest	Do not cut forage for hay within 7 days of application.	Field, hybrid seed corn forage, stover, grain-80 days Forage harvest-21 days Seed harvest-30 days	Potatoes-14 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			x
Chemical-Resistant Gloves	natural rubber	nitrile, butyl, neoprene, barrier laminate	
Protective Eyewear	x		
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron	x		
Respirator			
Rainfast Storage Temperature (F)	No Temperature Restriction	2 hours No Temperature Restriction	40

Product	Full Load Surfactants/Hydrogensulfate EPA# exempt AgraSyst	Fusilade DX Fluazifop EPA# 10182-367 Syngenta	Fusion Fluazifop-P-butyl EPA# 100-1059 Syngenta
Re-Entry Interval		12 hours	24 hours
Crop Rotation Restrictions		Do not plant rotational grass crops such as corn, sorghum and cereals within 60 days of last application of Fusilade.	
Grazing Restrictions		Do not graze animals in treated areas. Soybeans-Do not graze or harvest for forage or hay.	Soybeans-Do not graze or harvest for forage or hay.
PreHarvest		Carrots, onions-45 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			x
Long Sleeve Shirt & Long Pant		x	
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			x
Waterproof Gloves			
Chemical-Resistant Gloves		barrier laminate, butyl, nitrile, neoprene, ployvinyl chloride, viton	barrier laminate, viton
Protective Eyewear		x	
Shoes plus Socks		x	x
Chemical Resistant Shoes plus Socks			x
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	140	1 hour No Temperature Restriction	No Temperature Restriction

Product	Galigan 2E Oxyfluorfen EPA# 66222-28 Mana	Gly Star Plus Glyphosate EPA# 42750-61 Albaugh	Glory Metribuzin EPA# 66222-106 Mana
Re-Entry Interval	24 hours-all crops / 48 hours-onions	4 hours	12 hours
Crop Rotation Restrictions			Do not rotate any crop not listed on this label for 18 months following application. Glory may be applied to provide weed control during the fallow period after wheat or barley harvest or in the spring before planting of winter wheat or barley. Alfalfa-4 months Barley-8 months or 4 months (following soybeans) Corn-4 months Forage grasses-4 months Soybeans-4 months Tomatoes-4 months Wheat-8 months or 4 months (following soybeans) Potatoes-12 months Sugar beets-18 months Onions-18 months Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed. Stand reductions may occur in some areas.
Grazing Restrictions		Feed barley & wheat-7 days Wheat stubble-0 days Corn (non-roundup ready)-7 days Grain sorghum-do not feed or graze treated milo fodder Grain sorghum-7 days Sunflowers-do not feed or graze sunflower forage Soybeans-25 days Alfalfa-36 hours Pastures-7 days Pasture (pre-plant, renovation)-if rate is >3qt/ac-8 weeks Roundup ready Alfalfa-5 days Roundup ready Corn-7 days	Soybeans-treated vines may be grazed or fed to livestock 40 days after application. Corn (silage or grain)-60 days Sweet corn-grain, forage, and processing waste may be fed to livestock if harvested at least 60 days after the last application.
PreHarvest	Field corn grain-60 days Onions-45 days	Feed barley & wheat-7 days Corn (non-roundup ready)-7 days Grain sorghum-7 days Sunflowers-7 days Soybeans-7 days Alfalfa-36 hours Roundup ready Alfalfa-5 days Roundup ready Corn-7 days	Tomatoes-7 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves		x	
Chemical-Resistant Gloves	x		butyl, nitrile, neoprene, natural
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron	x		
Respirator			
Rainfast Storage			
Temperature (F)	32	15	

Product	Goal 2XL Oxyfluorfen EPA# 707-243 Rohm&Haas	Gramoxone Inteon Paraquat dichloride EPA# 100-1217 Syngenta	Gramoxone SL 2.0 Paraquat dichloride EPA# 100-1431 Syngenta
Re-Entry Interval	24 hours	24 hours	
Crop Rotation Restrictions	Do not rotate to small-grain crops (barley, corn, proso, oats, sorghum, wheat) within 10 days following a Goal treatment.	Rotational crops may be planted immediately after the last application.	Rotational crops may be planted immediately after the last application
Grazing Restrictions		Alfalfa (stand < 1 yr.)- 60 days Dry beans-7 days, Corn-7 days Grasses-do not graze treated areas or use the seed or straw from treated areas for animal feed or bedding. Onion (dry bulb & seeded)-60 days Sorghum (grain)-48 days Sorghum (forage)-20 days Soybeans-do not graze or harvest for forage or hay before the R3 stage of soybean development (early pod) Soybeans-do not graze or harvest for forage or hay Sunflower-do not graze treated areas or feed treated forage to livestock	Alfalfa (stand < 1 yr.)-60 days Dry beans-7 days Legumes-60 days Corn (pop, seed)-7 days Grasses-do not graze treated areas or use seed or straw for animal feed or bedding Onion (dry bulb, seeded)-60 days Sorghum(gain)-48 days Sorghum(forage)-20 days Soybeans-do not graze or harvest forage or hay Sunflower-do not graze treated areas or feed forage to livestock Vegetables-do not graze treated areas
PreHarvest	Onions-45 days	Alfalfa (dormant season)-42 days Alfalfa (strand < 1 yr.)-60 days Dry beans-7 days Corn-7 days Onion (dry bulb & seeded)-60 days Sorghum (grain)-48 days Sorghum (forage)-20 days Soybeans (forage)-46 days	Alfalfa (dormant season)-42 days Alfalfa (strand < 1 yr.)-60 days Dry beans-7 days Legumes-60 days Corn- 7 days Onion (dry bulb, seeded)-60 days Sorghum(gain)-48 days Sorghum(forage)-20 days Soybeans(forage)-46 days Cucurbits-30 days Vegetables-30 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants	x		
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, butyl rubber	barrier, butyl, nitrile, neoprene, natural, polyethylene, polyvinyl chloride PVC, viton	barrier laminate, butyl, nitrile, neoprene, natural, polyethylene, polyvinyl chloride PVC, viton
Protective Eyewear	x	x	x
Shoes plus Socks		x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear	x	x	x
Chemical Resistant Apron	x	x	
Respirator		x	x
Rainfast Storage Temperature (F)		15-30 minutes 32	15-30 minutes 32



Product	Halex GT S-metolachlor/Glyphosate EPA# 100-1282 Syngenta	Harmony Extra XP Thifensulfuron-methyl EPA# 352-611 DuPont	Harmony Extra Total Sol Thifensulfuron-methyl EPA# 352-714 DuPont
Re-Entry Interval	24 hours	12 hours	12 hours
Crop Rotation Restrictions	Corn-0 days Grain sorghum-0 days Barley, oats, rye & wheat-120 days Alfalfa, potatoes, sunflowers, soybeans-can be planted back the following season but not less than 10 months after application. Cucurbits, dry beans, sugar beets, all other rotational crops-18 months	Rotate to wheat, barley, triticale and oat anytime. Rotate to sugar beets, winter rape, and canola after 60 days. Rotate to any other crop after 45 days.	Barley, triticale, wheat-immediately Soybeans 7 days Soybeans, field corn, grain sorghum - (if used on light textured soils such as sands and loamy sands or on high pH soils >7.9 extend time to planting by 7 additional days) Field corn, grain sorghum 14 days Sugar beets 60 days Any other crop 45 days
Grazing Restrictions	To avoid possible illegal residues, do not graze or feed forage from treated areas for 45 days following application.	Do not graze livestock in treated areas. In addition, do not feed forage or hay from treated areas to livestock (harvested straw may be used for bedding and/or feed).	7 days between application and grazing of treated forage. 7 days between application and feeding of forage from treated areas to livestock. 30 days between application and feeding of hay from treated areas to livestock. Harvested straw may be used for bedding and/or feed. 45 days between application and harvesting of grain.
PreHarvest	Do not harvest forage, grain, or stover within 45 days after application.	Do not harvest sooner than 45 days after the last application.	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			x
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants	x		
Waterproof Gloves			
Chemical-Resistant Gloves	x	butyl, natural, neoprene, nitrile	butyl, natural, neoprene, nitrile
Protective Eyewear			
Shoes plus Socks		x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear	x		
Chemical Resistant Apron	x		
Respirator			
Rainfast Storage Temperature (F)	-10	12 hours	Several hours

Product	Headline Pyraclostrobin EPA# 7969-186 BASF	Headline Amp Pyraclostrobin EPA# 7969-291 BASF	Hero EW Zeta-Cypermethrin/Bifenthrin EPA# 279-3329 FMC
Re-Entry Interval	12 hours	12 hours	12 hours
Crop Rotation Restrictions	Crops listed on the Headline label may be planted immediately following the last application. All other crops can be planted 14 days after the last application.	Leafy vegetables & brassica-30 days Corn, oats, rye, soybeans, sugar beets, triticale, wheat-0 days All other crops may be planted 120 days after the last application.	Crops for which bifenthrin and zeta-cypermethrin tolerances exist may be rotated at any time. All other crops may be rotated 30 days following application.
Grazing Restrictions	Barley-14 days Wheat hay-14 days		Field corn (grain & silage), popcorn, field corn grown for seed (foliar use)-30 days Sweet corn (grain & silage), sweet corn grown for seed-3 days Leaves of root and tuber vegetables (except sugar beet tops) cannot be used for food or feed. Soybeans-do not graze or harvest treated soybean forage, straw, or hay for livestock feed.
PreHarvest	Dry beans-30 days Sugar beets-7 days Tuberous vegetables-3 days Barley-14 days	Corn (grain & stover)-20 days Corn (forage & silage)-7 days	Field corn (grain & silage), popcorn, field corn grown for seed (at plant use)-30 days for grain/stover, 60 days forage Sweet corn (grain & silage), sweet corn grown for seed-3 days Potato-21 days Soybeans-21 days Cucurbits-3 days Tomato-1 day Head lettuce-7 days Head & stem brassica-7 days Leafy brassica-7 days Succulent edible-podded bean or succulent shelled bean-3 days Dried shelled bean-21 days Root & tuber vegetables-21 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants	x		
Waterproof Gloves			
Chemical-Resistant Gloves	x	nitrile, butyl, neoprene, barrier	barrier laminate, butyl, nitrile, neoprene, viton
Protective Eyewear	x	x	x
Shoes plus Socks		x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear	x		
Chemical Resistant Apron	x		
Respirator			
Rainfast Storage Temperature (F)	34	32	32

Product	Hi-Dep 2-4-D EPA# 2217-703 PBI Gordon	Impact Topramezone EPA# 5481-524 Am-Vac	Inspire XT Difenoconazole/Propiconazole EPA# 100-1312 Syngenta
Re-Entry Interval	48 hours	12 hours	12 hours
Crop Rotation Restrictions		Field corn-any Sweet corn-any Cereal crops (wheat, barley, oats, rye) - 3 months All other crops-18 months	Carrots-0 days Soybeans-0 days Sugar beets-0 days Cereals (wheat, barley, triticale, oats, rye)-30 days Corn-60 days Sweet corn-60 days All other crops intended for food or feed-105 days
Grazing Restrictions	Treated grain fields-2 weeks Corn forage or fodder-7 days Soybeans-Do not feed, forage or fodder Pasture-7 days for dairy animals, preslaughter- 3 days CRP-do not graze	Do not graze or feed treated corn forage, silage, fodder, or grain for at least 45 days after application.	
PreHarvest	Pasture-30 days for grass cut for hay		Sugar beets-21 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			x
Waterproof Gloves	x		
Chemical-Resistant Gloves		x	barrier, butyl, nitrile, viton
Protective Eyewear	x		x
Shoes plus Socks	x	x	
Chemical Resistant Shoes plus Socks			x
Chemical Resistant Head Gear			x
Chemical Resistant Apron			x
Respirator			
Rainfast Storage Temperature (F)	8 hours 32	1 hour No Temperature Restriction	

Product	Integrity Dimethenamid EPA#7969-279 BASF	Keystone Acetochlor EPA# 62719-368 Dow	Landmaster BW Glyphosate/2-4-d EPA# 42750-62 Albaugh
Re-Entry Interval	12 hours	12 hours	48 hours
Crop Rotation Restrictions	Fall-seeded cereal crops-4 months Field corn-may be replanted immediately after crop failure Grain sorghum-may be replanted immediately after crop failure Soybean-see chart on label following crop failure	Corn-0 months Sorghum/soybeans-spring following application Alfalfa, barley, dry beans, millet, potatoes, sugar beets, sunflowers, wheat-15 months	
Grazing Restrictions	Corn (forage or silage)-80 days Soybean-do not graze or feed forage, hay, or straw to livestock		Do not feed treated vegetation for 8 weeks. Following spot treatment in forage grasses or legumes, allow 30 days before harvesting or grazing domestic livestock. Do not feed or forage treated vegetation from treated areas for 8 weeks after application. Do not graze or feed corn forage or fodder following applications of this product through hooded sprayers. Wheat-do not feed treated straw to livestock. Dairy/meat animals for slaughter 2 weeks. Pasture & rangeland-lactating dairy animals-7 days slaughter 30 days and remove 3 days before slaughter.
PreHarvest	Corn (forage or silage)- 80 days Sorghum (forage or silage)-70 days	Do not apply within 60 days of harvest of field corn forage uses or 45 days for sweet corn forage uses.	Do not harvest treated vegetation for 8 weeks. Following spot treatment in forage grasses or legumes, allow 30 days before harvesting or grazing domestic livestock. Do not plant any crop other than wheat, barley, corn, oats, rye or sorghum (grain or forage) for 3 months after treatment or until this product has disappeared from the soil. Wheat-14 days Pasture & rangeland-do not cut forage for hay within 30 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants		x	
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier, butyl, nitrile	x	butyl, natural, neoprene, nitrile
Protective Eyewear	x	x	x
Shoes plus Socks	x		x
Chemical Resistant Shoes plus Socks		x	
Chemical Resistant Head Gear		x	
Chemical Resistant Apron		x	x
Respirator			
Rainfast Storage Temperature (F)	1 hour 32	-30	6 hours 30

Product	Lannate LV Methomyl EPA# 352-384 DuPont	Laudis Tembotrione EPA# 264-860 Bayer	Leverage 360 Imidacloprid/B-cyfluthrin EPA# 264-1104 Bayer
Re-Entry Interval	48 hours	12 hours	12 hours
Crop Rotation Restrictions		(Irrigated) field corn, sweet corn, popcorn-immediately (non-irrigated) 18 months Cereal grains, grass grown for seed-4 months (Irrigated) onion-8 months (non-irrigated) 18 months Soybean-8 months Sorghum, sugar beetsdry beans, potatoes, alfalfa, tomato, snap beans-10 months Dry beans (types and varieties for commercial production except those listed under 18 months) Cumulative precipitation between and replanting to sugar beets or dry beans must total 20 inches. Furrow or flood irrigation cannot be included in the total. The amount of cumulative precipitation required before planting a rotational crop is in addition to the required rotational interval given in months. Thorough tillage should follow the crop in which Laudis was used and precede the rotation to sugar beets.	Treated areas may be replanted with any crop specified on an Imidacloprid label. There are no rotational crop restrictions based on B-cyfluthrin. Bulb vegetables-immediate Leafy petiole vegetables-immediate Legume vegetables-immediate Cucurbit vegetables-immediate Herbs-immediate Root vegetables-immediate Cereals (buckwheat, millet, oats, rye, triticale)-30 days All other crops-12 months Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed.
Grazing Restrictions	Alfalfa-7 days Barley-10 days Beans-vine, 3 days Hay, 7 days Field corn-forage-3 days, fodder-21 days Sugar beets-30 days Wheat-10 days	Do not graze livestock or harvest corn forage within 45 days of application.	Do not apply this product while bees are foraging. Do not apply this product until flowering is complete and all petals have fallen unless the following condition has been met. If an application must be made when managed bees are at the treatment site, the beekeeper providing the pollination services must be notified no less than 48-hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to spraying.
PreHarvest	Barley,wheat-7 days Beans-1-3 days Carrots-1 day Field corn-21 days Onions-7 days Potatoes-6 days Sugar beets-7 days		Potato-7 days Soybeans (dry vines (hay))-21 days Soybeans (green forage)-15 days Brassica leafy vegetables-7 days Leafy greens-7 days Fruiting vegetables-0 days Pea, bean, dried shelled-7 days Carrot-7 days Tuberous, corm-7 days Tree, vine-0 days Hops-28 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			x
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants		x	
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, butyl rubber	x	barrier laminate, butyl, nitrile, neoprene, polyvinyl chloride (PVC), viton
Protective Eyewear	x		
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	32	1 hour 0	No Temperature Restriction

Product	Liberty 280 SL Glufosinate-ammonium EPA# 264-829 Bayer	Lo-Vol 4# Agri-Star 2-4-D EPA# 42750-15 Albaugh	Lo-Vol 6# Agri-Star 2-4-D EPA# 42750-20 Albaugh
Re-Entry Interval	12 hours	12 hours	12 hours
Crop Rotation Restrictions	Sweet corn, corn, soybeans, sugar beets-any time Root and tuber vegetables, leafy vegetables, brassica leafy vegetables, small grains (barley, buckwheat, oats, rye, triticale, wheat)-70 days All other crops-180 days	Soybeans-Do not replant treated fields in the same growing season with crops other than those labeled for use with 2,4-D LV4. Fallowland and crop stubble plant only labeled crops within 29 days following last application.	
Grazing Restrictions	Do not apply within 60 days of harvesting corn forage and within 70 days of harvesting corn grain and corn fodder. Do not graze the treated crop or cut for hay.	Sorghum-30 days Soybeans-do not feed hay, forage or fodder. Restrict livestock from grazing treated fields. Livestock should be restricted from feeding/grazing of treated cover crops. Rangeland, grass pastures-dairy animals 7 days, meat animals 3 days before slaughter, do not cut treated grass for hay within 30 days of application. If grass is to be cut for hay, Agricultural Use Requirements for the Worker Protection Standard are applicable.	Sorghum-30 days Corn-7 days Soybeans-do not feed hay, forage or fodder. Restrict livestock from grazing treated fields. Livestock should be restricted from feeding/grazing of treated cover crops. Ornamentals and turf-do not apply more than 2 pint per acre per application. Do not harvest grass for hay for 7 days. Rangeland & Pasture-dairy animals 7 days, meat animals 3 days before slaughter, do not cut forage for hay within 7 days of application.
PreHarvest	Soybeans-70 days	Cereal grain-14 days Field corn-7 days Sweet corn-45 days Cereal grain-14 days Sorghum-30 days	Cereal grains-14 days Field corn-7 days Sweet corn-45 days Sorghum-30 days Fallow land-plant only labeled crops within 30 days following last application. Potatoes-45 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	x
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants	x		
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, butyl, nitrile, neoprene, polyvinyl chloride (PVC), viton	x	x
Protective Eyewear	x	x	x
Shoes plus Socks		x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear			
Chemical Resistant Apron	x	x	x
Respirator			
Rainfast Storage Temperature (F)	4 hours 32		

Product	Lorsban 4E Chlorpyrifos EPA# 62719-220 Dow AgroSciences	Luna Tranquility Pyrimethanil EPA# 264-1085 Bayer	Lumax S-metolachlor EPA# 100-1152 Syngenta
Re-Entry Interval	24 hours	12 hours	24 hours
Crop Rotation Restrictions		Areas treated with this product may be replanted immediately following harvest with any crop for which both a FLUOPYRAM and PYRIMETHANIL tolerance exists. Potato-0 days Alfalfa-30 days Dried beans-30 days Sugarbeet-30 days Canola, cereal grains (except rice) and soybean may be replanted 30 days following application on potato only.	Corn-0 days Winter wheat-4 1/2 months Barley-4 1/2 months Rye-4 1/2 months If Lumax is applied after June 1, rotating to crops other than corn or grain sorghum the next spring may result in crop injury. Do not rotate to crops other than corn, small grain cereals, soybeans, sorghum the following spring following application. All other crops wait 18 months
Grazing Restrictions	Alfalfa-7 days after 1/2pt. 14 days after 1pt. 21 days after 1pt. or more Corn-14 days after last treatment. Do not feed treated corn fodder to meat or dairy animals within 35 days.		To avoid possible illegal residues, do not graze or feed forage from treated areas for 45 days following application.
PreHarvest	Corn-35 days Sugar beets-30 days	Potato-7 days	Field corn may be treated up to 12 inches tall. Do not harvest forage, grain, or stover within 60 days after application. Do not harvest sweet corn forage within 45 days after application. Grain sorghum-21 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant		x	
Coveralls over Long Sleeve Shirt & Pants		x	
Coveralls over Short Sleeve Shirt & Pants	x		x
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, viton	nitrile, butyl, natural rubber	barrier, butyl, nitrile, neoprene, natural, polyethylene, polyvinyl chloride
Protective Eyewear	x		
Shoes plus Socks		x	
Chemical Resistant Shoes plus Socks	x		x
Chemical Resistant Head Gear	x		x
Chemical Resistant Apron	x		x
Respirator			
Rainfast Storage Temperature (F)	20	48 hours No Temperature Restriction	-20

Product	Lumax EZ S-Metolachlor EPA# 100-1442 Syngenta	Matrix SG Rimsulfuron EPA# 352-768 DuPont	MCPA Ester 4 MCPA EPA# 42750-23 Albaugh
Re-Entry Interval	24 hours	4 hours	12 hours
Crop Rotation Restrictions	Field corn, field seed corn, field silage corn, sweet corn, yellow popcorn, grain sorghum (Concep treated seed) may be replanted immediately, if crop is lost. Do not reapply. Winter wheat, barley, or rye-4 1/2 months follow.  If applied after June 1, rotating to crops other than corn (all types) or grain sorghum the next spring may result in crop injury. Do not rotate to crops other than corn (all types), cotton, small grain cereals, soybeans, sorghum or peanuts the spring following application. Injury may occur to soybeans planted the year following application on soils having a calcareous surface layer if additional atrazine or atrazine-containing products are used. In High Plains and Intermountain areas of the West, where rainfall is sparse or where irrigation is required, use only when corn (all types) or sorghum is to follow field corn, or a crop of untreated corn (all types) or sorghum is to precede other rotational crops.	Do not plant any crops, except field corn, tomatoes, potatoes, and those listed on the label within one year of the last application. A field bioassay should be completed prior to planting any other desired crop.  Spring barley-18 months; Alfalfa-4 months Dry beans-10 months; Carrots-10 months Field corn-any; Sweet corn-10 months Grass pasture, hay, seed-4 months Oats-9 months; Onions-10 months Potatoes-any; Sunflowers-10 months Soybeans-4 months; Tomatoes-any Spring wheat-9 months; Winter wheat-4 months; Crops not listed-18 months	
Grazing Restrictions	To avoid possible illegal residues, do not graze or feed forage from treated areas for 45 days following application.		Wheat, oats, barley, rye-meat animals 7 days of slaughter, dairy animals 7 days Grasses-meat animals 7 days of slaughter, dairy animals 7 days Non-crop spraying-livestock or dairy animals 7 days
PreHarvest	Field corn may be treated up to 12 inches tall. Do not harvest forage, grain, or stover within 60 days after application. Do not harvest sweet corn forage within 45 days after application. Do not apply to sweet corn or yellow popcorn after the crop has emerged or severe crop injury may occur.	Potatoes-30 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants	x		
Waterproof Gloves			
Chemical-Resistant Gloves	barrier, butyl, nitrile, neoprene, natural, polyethylene, polyvinyl chloride, viton	butyl, natural, neoprene, nitrile	barrier, nitrile, neoprene, viton
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear	x		
Chemical Resistant Apron	x		
Respirator			
Rainfast Storage Temperature (F)	-10		



Product	MCP 4 Amine 2-4-D EPA# 62719-13-34704 Loveland Products	Medal S-metolachlor EPA# 100-964 Syngenta	Medal II S-metolachlor EPA# 100-965 Syngenta
Re-Entry Interval	48 hours	24 hours	24 hours
Crop Rotation Restrictions		If crop treated with Medal alone is lost, any crop on this label may be replanted immediately. Barley, oats, rye, wheat-4 1/2 months Alfalfa-4 months Tomatoes-6 months Any crop on label, root crops, barley, buckwheat, milo, oats, rye, wheat-spring after application Clover-seeded 9 months	Do not rotate to food or feed crops other than those listed.
Grazing Restrictions	Small grains-Do not permit dairy animals or meat animals being finished for slaughter to forage or graze treated grain fields within 2 weeks after treatment. Do not forage or graze meat animals on treated areas within 7 days of slaughter.	Do not graze or feed forage from treated areas for 30 days following application or possible illegal residues may result. For all applications to corn, do not graze or feed forage from treated areas for 30 days following application. Pod crops-do not cut for hay within 120 days. Soybeans-do not graze or feed treated forage or hay from soybeans to livestock following a postemergence application.	Do not rotate to food or feed crops other than those listed. To avoid possible illegal residues do not graze or feed forage from treated areas for 30 days following application.
PreHarvest		Sweet corn-30 days Potatoes-60 days after the at-planting to drag-off application, or within 40 days after a lay-by application, or illegal residues may result.	To avoid possible illegal residues do not harvest sweet corn ears from treated areas for 30 days following last application.
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves	x		
Chemical-Resistant Gloves		barrier, viton	barrier, viton
Protective Eyewear	x		
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)		-30	-30

Product	Merivon Fluxapyroxad/Pyraclostrobin EPA# 7969-310 BASF	Metribuzin 75DF Metribuzin, 4-Amino-6 EPA# 34704-876 Loveland Products	Milestone Triisopropanolammonium salt of 2-pyridine EPA# 62719-519 Dow
Re-Entry Interval	12 hours	12 hours	48 hours
Crop Rotation Restrictions	Barley-0 days Corn (all types)-0 days Dried shelled peas/beans-0 days Edible podded legume vegetables-0 days Fruiting vegetables (including tomato)--0 days Oat-0 days Oilseed crops (flax, rapeseed, sunflower)-0 days Sorghum-0 days Soybean-0 days Succulent shelled peas and beans-0 days Sugar beet-0 days Tuberous and corn vegetables (including potato)-0 days Wheat and triticale-0 days For all other crops, do not plant sooner than 365 days after the last application.	Do not rotate any crop not listed on this label for 18 months following application. Do not rotate to wheat, barley, alfalfa, or seed corn in the fall of the year of application or in the spring of the following year as crop injury may occur. Do not plant sensitive crops such as onions, lettuce, cole crops and cucurbits during the next growing season following application. Cereals (spring & winter barley & winter wheat) -10 months Do not plant Spring seeded cereals following Fall applications to fallow.	Do not rotate to any crop from rangeland, permanent pasture or CRP acres within one year following treatment. Do not plant a broadleaf crop until an adequately sensitive field bioassay shows that the level of aminopyralid present in the soil will not adversely affect that broadleaf crop.
Grazing Restrictions	No restriction on livestock grazing or feeding.	Soybean-treated vines may be grazed or fed to livestock 40 days after application when applied alone or with Trifluralin, Dual, Stealth, or Intro. Alfalfa-28 days Field corn-60 days Cereals (spring & winter barley & winter wheat) -14 days Do not graze barley before crop maturity. Do not graze treated fields.	There are no restrictions on grazing or grass hay harvest following application at labeled rates. Do not transfer grazing animals from areas treated to areas where sensitive broadleaf crops occur without first allowing 3 days of grazing on an untreated pasture. Do not graze treated areas until poisonous plants are dry and no longer palatable to livestock.
PreHarvest		Potatoes-60 days Alfalfa-28 days Tomatoes-7 days Cereals (spring & winter barley & winter wheat) 21 days Do not harvest barley before crop maturity.	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	natural, nitrile, butyl, neoprene, barrier	butyl, nitril, neoprene, natural	polyethylene, polyvinyl chloride
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	48 hours		No Temperature Restriction

Product	Movento Spirotetramat EPA# 264-1050 Bayer	Mustang Max S-Cyano EPA# 279-3249 FMC	Northstar Pimilsulfuron EPA# 100-923 Syngenta
Re-Entry Interval	24 hours	12 hours	12 hours
Crop Rotation Restrictions	Do not plant or replant any crop not listed on this label within 30 days after the last application, which has a 260-day plant-back interval (PBI).	With the exception of the crops listed on the label, rotational crops should not be planted within 30 days of last application.	Field corn-14 days Winter wheat-3 months Winter barley-3 months Alfalfa-8 months Dry beans-8 months Potatoes-8 months Sorghum-8 months Small grains-8 months All other crops-18 months
Grazing Restrictions		Applications may be made up to 3 days of cutting or grazing or up to 7 days of harvesting seed. Onion (dry bulb & seed)-Do not graze livestock in treated areas or cut treated crops for feed. Sweet corn-3 days	Do not graze or feed forage from Northstar treated corn to livestock within 30 days after application.
PreHarvest	Hops-7 days Bulb vegetables-3 days (members of subgroup 3-07A), 7 days (members of subgroup 3-07B) Brassica (Cole) leafy vegetables-1 day Fruiting vegetables-1 day Leafy vegetables-3 days Legume vegetables- 1 day (edible podded and succulent beans), 7 days (dry shelled beans) Potato/other tuberous and corm vegetables-7 days	Alfalfa & nongrass animal feeds-3 days (cutting or grazing) 7 days (harvesting seed), Sweet corn-3 days, Corn (field, seed, pop)-30 grain & stover, 60 forage Grass forage, fodder, and Hay- 0 forage & hay, 7 days straw & seed screenings Sorghum-14 days grain & fodder, 45 days forage Soybeans-21 days; Sugar Beets-50 days Wheat-14 days; Onion- 7 days	Do not harvest silage within 45 days after application. Do not harvest grain within 60 days after application.
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	x
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			x
Chemical-Resistant Gloves	x	nitrile, butyl, neoprene, barrier laminate	
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)		20	4 hours

Product	Nortron SC Ethofumesate EPA# 264-613 Aventis	NuCop 3L Copper Hydroxide EPA# 42750-75 Albaugh	Nu-Cop 50DF Cupric Hydroxide EPA# 45002-4 Albaugh
Re-Entry Interval	12 hours	24 hours	24 hours
Crop Rotation Restrictions	Do not rotate with any crops other than sugar beets or ryegrass for 12 months following preplant incorporated, preemergence, conventional postemergence applications.		
Grazing Restrictions	Do not graze livestock on treated crops.		
PreHarvest			Alfalfa-10 to 14 days
Posting and/or oral notification for workers	Either	Post	Post
Coveralls		x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves	x	x	x
Chemical-Resistant Gloves			polyethylene, polyvinyl chloride
Protective Eyewear		x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	40	32	

Product	Nudrin LV Methomyl EPA# 83100-27-83979 Rotam	Nufos 4E Chlorpyrifos EPA#67760-28 Cheminova	Olympus 70% WG Propoxycarbazone-sodium EPA# 264-809 Bayer
Re-Entry Interval	48 hours	24 hours	12 hours
Crop Rotation Restrictions			Avoid use on ALS sensitive varieties. Wheat-0 months Corn-22 months
Grazing Restrictions	Alfalfa-7 days Sorghum-14 days	Sunflowers-do not allow meat or dairy animals to graze in treated areas. Wheat-do not allow meat or dairy animals to graze or otherwise feed treated forage to livestock within 14 days of application. Do not feed straw from treated wheat within 28 days.	Wheat forage may be grazed immediately after application.
PreHarvest	Alfalfa-7 days Barley-7 days Succulent beans vines-3, hay-7 days Dry beans (vines & hay)-14 days Beets (roots)-0 days Beets (tops)-10 days Cabbage-1 day Carrot-1 day Corn field, seed, popcorn-21 ears, 3 forage, 21 stover Sweet corn-0 ears, 3 forage, 21 stover Lentils-21 days Onions (green & bulb)-7 days Potatoes-6 days Sorghum-14 days Soybeans-14, 3 forage, 12 day Sugar beets-30 tops, 21 roots Tomatoes-1 day Wheat-7 days	Alfalfa-7 days (1/2 pt/ac) 14 days (1 pt/ac) 21 days (>1 pt/ac) Cauliflower-30 days Cabbage-30 days Corn-21 days (grain or ears) Legume Veg (succulent or dried)-90 days Onion-60 days Sorghum-30 days (1 pt/ac) Sorghum- 60 days (>1 pt/ac) Soybeans-28 days Sugar beets-30 days Sunflowers-42 days	Wheat-harvested for grain & straw-71 days
Posting and/or oral notification for workers	Post	Either	Either
Coveralls	x		
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants		x	
Coveralls over Short Sleeve Shirt & Pants		x	
Waterproof Gloves			
Chemical-Resistant Gloves	natural rubber, barrier laminate, butyl	barrier, viton	polyethylene, polyvinyl chloride
Protective Eyewear	x		x
Shoes plus Socks	x		x
Chemical Resistant Shoes plus Socks	x	x	
Chemical Resistant Head Gear		x	
Chemical Resistant Apron	x	x	
Respirator	x	x	
Rainfast Storage Temperature (F)		20	4 hours

Product	Option Foramsulfuron EPA# 264-685 BASF	Orion MCPA EPA# 100-1307 Syngenta	Outlaw 3,6-dichloromethoxybenzoic acid/2-Ethylhexyl Ester of 2-4-D EPA# 5905-574 Helena
Re-Entry Interval	12 hours		24 hours
Crop Rotation Restrictions	Corn-7 days Soybeans-14 days All other crops can be planted 60 days after an Option application.	Barley, oats, wheat, grasses- 0.5 months Corn, sorghum, alfalfa, soybeans, dry beans, potatoes, sugar beets, sunflowers- 3 months Other crops not listed-12 months	No rotational cropping restrictions apply at 120 days or more following application. Barley, oat, wheat, other grass seedlings-15 days per pt/ac for areas West of the Mississippi Corn, sorghum (East of the Rocky Mountains)-120 days
Grazing Restrictions	Do not graze with in 45 days of application.	Wheat-7 days Barley-7 days Oats-7 days Rye-7 days Triticale-7 days	Do not use crop oil concentrate for postemergence applications in food/feed crops (grass, hay, silage) pastures, rangeland, wheat. Pastures, rangeland, grass (hay/silage)-do not graze lactating dairy animals within 7 days of treatment.
PreHarvest	Corn grain-70 days Corn forage 45 days	Wheat-60 days Barley-60 days Oats-60 days Rye-60 days Triticale-60 days	Pastures, rangeland, grass (hay/silage)-treated grasses may be harvested for dry hay or silage but do not harvest within 37 days of treatment.
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants	x		
Coveralls over Short Sleeve Shirt & Pants			x
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, butyl, nitril, neoprene, polyvinyl chloride, viton	x	butyl, nitrile, neoprene, viton
Protective Eyewear	x		x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			x
Chemical Resistant Apron			x
Respirator			
Rainfast Storage Temperature (F)	2 hours	48 hours	4 hours
		No Temperature Restriction	No Temperature Restriction

Product	Outlook Dimethenamid EPA# 7969-156 BASF	PalisadeEC Trinexapac-ethyl EPA#100-949 Syngenta	Paramount Quinolinecarboxylic EPA# 7969-113 BASF
Re-Entry Interval	12 hours	12 hours	12 hours
Crop Rotation Restrictions	Any labeled crop treated with Outlook lost to adverse weather or for other reasons, the area treated may be replanted to any of the labeled crops immediately. Fall seeded cereal crops may be planted 4 months or more following treatment.	Wheat, barley, triticale, oats, grasses grown for seed-0 days All other food or feed crops-30 days	In case of crop failure, only spring or winter wheat or grain sorghum may be immediately replanted. Do not plant any other crop other than spring or wheat wheat or grain sorghum for 309 days (10 months) following application. Spring, winter wheat-immediately Alfalfa, dry beans, sugar beets-24 months and conduct a bioassay prior to planting any of these crops.
Grazing Restrictions	Corn-40 days Sweet corn-50 days Do not graze or feed treated grasses or forage to livestock.	Grasses grown for seed-49 days	
PreHarvest	Dry beans-70 days	Wheat-45 days Barley-45 days Oats-45 days Triticale-45 days Grasses grown for seed-35 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			x
Chemical-Resistant Gloves	x	barrier laminate, viton	natural, butyl, neoprene, nitrile
Protective Eyewear		x	
Shoes plus Socks		x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	15	24 hours 32	6 hours

Product	Pasada 1.6F Imidacloprid EPA# 264-763-66222 MANA	Parazone 3SL Paraquat dichloride EPA# 66222-130 MANA	Peak Prosulfuron EPA# 100-763 Syngenta
Re-Entry Interval	12 hours		12 hours
Crop Rotation Restrictions	Barley, corn (field, sweet, pop), sorghum, soybean, sugar beet, wheat-0 days Cereals-30 days Onion & bulb vegetables-10 months All other crops-12 months	Rotational crops can be planted after the last application.	Do not plant any crop other than field corn the year following an application. For soils with Ph lower than 7.8 Wheat, barley, triticale, IR or IMR corn-immediately Field corn, sorghum, proso millet-1 month Sweet corn, popcorn, soybeans-10 months Alfalfa, potatoes, sunflowers, sugar beets, onions, all other crops-22 months
Grazing Restrictions		Do not graze livestock in treated fields or feed treated foliage in cotton when using for a cotton harvest aid. Dry beans-7 days Legumes-do not apply if regrowth after grazing or cutting is more than 2" Grasses-do not graze or feed hay prior to burning Potato-3 days Soybeans-do not graze before the R3 stage, do not graze or harvest forage of hay Sunflower-do not graze treated areas Trees & vines-do not graze or feed cover crops	To avoid possible illegal residues do not graze or feed forage from treated crops to livestock until 30 days after application. Do not harvest silage until 40 days after application. Do not harvest grain until 60 days after application.
PreHarvest	Potatoes-7 days Brassica-7 days Legumes-7 days Root, tuberous-7 days	Alfalfa (dormant)-42 days Alfalfa (dormant) fall seeded new established < 1 yr. old-60 days Alfalfa (between cuttings)-30 days Legumes-60 days Corn (field, pop, seed)-7 days Onions-60 days Potato-3 days Sorghum-48 days (for grain) 20 days harvest for forage Soybeans-15 days Sunflower-7 days Trees & vines-28 days Tomatoes-30 days Peppers-30 days	Do not harvest silage until 40 days after application. Do not harvest grain until 60 days after application
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, butyl, nitrile, neoprene, natural, polyethylene, PVC, viton	barrier laminate, butyl, nitrile, neoprene, natural, polyethylene, polyvinyl chloride, viton	butyl, natural, neoprene, nitrile
Protective Eyewear		x	
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron		x	
Respirator		x	
Rainfast Storage Temperature (F)		32	4 hours



Product	PendiPro 3.3 EC Pendimethalin/6-dinitrobenzenamine EPA# 241-337-71058 IAP	Perm-up Permethrin EPA#70506-9 UPI	Permethrin 3.2 Ag Permethrin EPA# 66330-337 Arysta
Re-Entry Interval	24 hours	12 hours	12 hours
Crop Rotation Restrictions	Sugar beets-12 months for a spring application, 14 months for a fall application Proso millet, sorghum (milo), annual/perennial grass-10 months for a spring application, 12 months fall application To avoid the possibility of crop injury in areas that receive less than 20 inches of rainfall or irrigation to produce a crop, these crops should not be planted for 18 months following a spring application or 20 months following a fall application if rainfall or irrigation was not sufficient to produce a field or row crop. Wheat, barley-4 months (if less than 12 inches of rainfall or irrigation was received 12 months for spring application and 14 months for fall application. All other rotational crops-18 months for spring application and 20 months for fall application.		Do not plant rotational crops within 60 days of last application, unless the crop falls into one of the following exceptions.
Grazing Restrictions	Field corn-livestock can graze or be fed forage from treated corn after 21 days following application. Edible beans-do not feed lupine hay and forage or graze livestock in treated lupine fields. Forage legumes-do not feed or graze legume cover crops established following application. Grain sorghum-livestock can be fed forage after 21 days following application. Onions (direct-seeded and transplanted dry bulb)-do not feed or graze these crops. Soybeans-livestock can graze or be fed forage from treated soybean fields. Sunflowers-do not forage or graze livestock in treated sunflower fields.	Field corn-0 days	Soybeans-do not graze treated areas. Do not graze or feed soybean forage or hay.
PreHarvest	Alfalfa (grown for seed) forage or hay-50 days Alfalfa (grown for seed)-90 days Onions (direct-seeded and transplanted dry bulb)-45 days Soybeans-85 days	Sweet corn-1 day Onion-1 day Potatoes-14 days Tomatoes-0 days Alfalfa at 0.1 pound active or more-14 days Field corn-30 days Soybeans-60 days	Brassica leafy vegetables- 1 day Sweet corn-1 day Cucurbit vegetables-apply until harvest time Leafy vegetables (except Brassica)-1 day Bulb onions-1 day Bell peppers-3 days Potatoes-14 days Tomatoes-up until harvest Alfalfa-at 0.1 pound active or more-14 days Field corn-30 days (day of for forage harvesting) Soybeans-60 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants		x	x
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, butyl, nitrile, neoprene, viton	barrier laminate, butyl rubber	barrier, butyl
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	40	40	40

Product	Platinum 75 SG Thiamethoxam EPA# 100-1291 Syngenta	Plotter Metsulfuron-methyl EPA# 83100-3-83979 Rotam	PowerFlex Pyroxulam EPA# 62719-569 Dow
Re-Entry Interval	12 hours	4 hours	12 hours
Crop Rotation Restrictions	Treated areas may be replanted immediately following harvest or as soon as practical following last application with any crop on label or to sorghum, wheat, barley, canola, cotton, legume vegetables, corn, sunflower. Any cover crop planted for erosion control or soil improvement may be planted as soon as practical following application. For all other crops-120 days	For rotational flexibility, do not treat all of your wheat, barley, fallow, pasture or rangeland acres at the same time. Soil temperatures and soil moisture should be monitored regularly when considering crop rotations. For soils with pH lower than 7.9 in Colorado: Winter & spring wheat-1 month Durum wheat, barley, spring/winter oat, grain sorghum-10 months, Sunflower-22 months, Field corn-12 months	Wheat, triticale-1 month Soybean-5 months Barley, field corn, grasses, millet, oats, popcorn, seed corn, sweet corn, grain sorghum, sunflower, alfalfa, dry bean, potato, sugar beet, sunflower-9 months All other crops not listed-12 months As a rotation crop, grain sorghum and sunflowers may be planted 3 months following an application in February or later in Colorado. However, to ensure adequate crop safety, avoid planting sunflowers and grain sorghum prior to April 30 following an application made before February. All other states not listed require a minimum rotation interval of 9 months after an application.
Grazing Restrictions	Cover crops may not be grazed or harvested for food or feed.	There are no grazing restrictions.	Winter wheat/triticale-do not graze the treated crop within 7 days following application. Do not cut the treated crop for hay within 28 days following application.
PreHarvest	Cucurbit vegetables-30 days Leafy vegetables-30 days Fruiting vegetables-30 days		
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	natural rubber		x
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)			

Product	PowerFlex HL Pyroxsulam EPA# 62719-643 Dow	Prevathon 3-Bromo-1H-pyrazole-5-carboxamide EPA# 352-844 DuPont	Priaxor Fluxapyroxad/Pyraclostrobin EPA# 7969-311 BASF
Re-Entry Interval	12 hours	4 hours	12 hours
Crop Rotation Restrictions	Wheat, triticale-1 month Soybean-5 months Barley, field corn, grasses, millet, oats, popcorn, seed corn, sweet corn, grain sorghum, sunflower, alfalfa, dry bean, potato, sugar beet, sunflower-9 months All other crops not listed-12 months As a rotation crop, grain sorghum and sunflowers may be planted 3 months following an application in February or later in Colorado. However, to ensure adequate crop safety, avoid planting sunflowers and grain sorghum prior to April 30 following an application made before February. All other states not listed require a minimum rotation interval of 9 months after an application.	Brassica (cole) leafy vegetables- 0 days Bulb vegetables group 3-07- 0 days Cucurbit vegetables group 9- 0 days Fruiting vegetables group 8- 0 days Hops- 0 days Leafy non-brassica- 0 days Legume- 0 days Root & tuber vegetables - 0 days All other crops cannot be planted until 12 months after the last application.	Barley, corn, dried shelled beans, edible podded legumes, fruiting vegetables, oat, sunflowers, rye, sorghum, soybeans, succulent shelled beans, sugar beets, tuberous, potato, triticale, wheat-0 days. For all other crops do not plant sooner than 365 days after last application.
Grazing Restrictions	Winter wheat/triticale-do not graze the treated crop within 7 days following application. Do not cut the treated crop for hay within 28 days following application.		Barley, green-chopped-14 days Corn-7 days Dried shelled beans, edible podded legumes, succulent shelled beans (forage, hay)-14 days Oats (hay or green-chopped)-14 days Soybeans-21 days Sugarbeets-7 days Triticale & wheat-14 days
PreHarvest	Winter wheat/triticale-60 days	Cereal grains-14 days Corn (field, pop)-14 days for ears, 1 day for forage, fodder, silage, stover Corn (seed)-1 day Grass forage, fodder, hay, any grass-0 days Non-grass animal feeds-0 days Soybeans-1 day Oilseed group-21 days	Corn-sweet 21 days, sweet 7 days Dried shelled beans (except soybeans)-21 days Edible podded legumes-7 days Fruiting vegetables-7 days Soybeans-21 days Succulent shelled beans-7 days Sugar beets-7 days Tuberous and potatoes-7 days Barley hay-14 days Corn (field, pop, seed, silage)-21 days Corn (sweet)- 7 days Fruiting vegetables-7 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	x		
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)		48 hours >32	33

Product	Proline 480 SC Prothioconazole EPA# 264-825 Bayer	Prosaro 421 SC Prothioconazole/Tebuconazole EPA# 264-862 Bayer	Prowl H20 Pendimethalin EPA# 241-418 BASF
Re-Entry Interval	12 hours	12 hours	24 hours
Crop Rotation Restrictions	Treated areas may be replanted with any crop specified on this label as soon as practical after last application. For crops not listed on this label, do not plant back within 30 days of last application.	Treated areas may be replanted with dry beans, peanuts, and soybeans as well as any crop specified on this label as soon as practical after last application. For additional crops, do not plant back within 120 days of last application.	Sugar beets: (Spring application)-12 months (Fall application)-14 months Proso millet and sorghum (Spring application)-10 months (Fall application)-12 months Wheat, barley-4 months Fallow-4 months for any fall-seeded cereal crop
Grazing Restrictions		Wheat (spring, durum, winter)-6 days	Corn-21 days Edible beans-Do not feed or graze lupine hay and forage. Onions-do not feed or graze this crop Soybeans-no restrictions Sunflowers-do not feed forage or graze livestock in treated sunflower fields.
PreHarvest	Barley-32 days Millet-30 days Proso-30 days Oats-30 days Beans subgroup-7 days Soybeans-21 days Sugar beets-7 days Spring wheat-30 days Triticale-30 days Corn (field, grown for seed, popcorn)-14 days	Corn (field, grown for seed, popcorn)-21 days for forage and 36 days before harvest of grain or fodder. Sweet corn-7 days ears or forage and 49 days before harvest of fodder. Wheat (spring, durum, winter)-30 days	Alfalfa forage or hay-50 days Alfalfa seed-90 days Do not apply in reduced, minimum, or no-till fresh sweet corn, seed corn or popcorn Onions-45 days Soybeans-85 days Wheat (triticale grain or straw)-60 days Wheat (triticale hay)-28 days Wheat (triticale forage)-11 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	x	x	Butyl, nitrile, neoprene
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	32		32

Product	Prowl 3.3 EC Pendimethalin EPA# 241-337 BASF	Prevathon Chlorantraniliprole EPA# 352-844 DuPont	Pursuit Ammonium salt of Imazethapyr EPA# 241-310 BASF
Re-Entry Interval	24 hours	4 hours	4 hours
Crop Rotation Restrictions	Winter wheat, barley-4 months in the fall.	Leafy vegetables (crop group 5), cucurbit vegetables, forage, fodder, straw of cereal grains, fruiting vegetables-immediately. Soybeans-30 days Cereal grains (crop group 15)-30 days All other crops cannot be planted until 12 months after the last application.	Alfalfa-4 months Wheat-4 months Field corn-8 1/2 months Barley-9 1/2 months Sorghum-18 months Sunflower-18 months Sweet corn-18 months Potatoes-26 months All other crops can be planted 40 months after application listed elsewhere in the rotational crop restrictions.
Grazing Restrictions	Wheat, barley-Do not feed forage or graze for 75 days after planting Beans-Do not feed or graze forage or fodder.		Alfalfa-30 days Soybeans-do not graze or feed treated soybean forage, hay or straw to livestock Clearfield corn-45 days
PreHarvest	Onions-45 days	Cereal grains-14 days Forage, fodder, stray cereal grains-14 days Corn (field, pop)-14 days ears, 1 day forage/fodder/silage/stover Corn (seed)-1 day Grass forage, fodder, hay-0 days Non-grass animal feed-0 days Soybeans-1 day	Alfalfa-30 days Soybeans-85 days Clearfield corn-45 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, viton		butyl
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	40	48 hours	1 hour 32

Product	Quadris Flowable Azoxystrobin EPA# 100-1098 Syngenta	Quadris RidomilGold SL Azoxystrobin/ Mefenoxam EPA# 100-1311 Syngenta	Quilt Propiconazole EPA#100-1178 Syngenta
Re-Entry Interval	4 hours	0 hours	12 hours
Crop Rotation Restrictions	Buckwheat, millet-12 months All other crops with Azoxystrobin registered uses-0 days	Cucurbits-0 days Bulb vegetables-0 days Legume vegetables-0 days Potatoes-0 days Sugar beets-0 days Leafy vegetables-36 days Corn-9 months All other rotated food or feed crops-12 months	Soybeans may be planted as a double crop following a cereal crop which has been treated. Oats, rye and wild rice may be planted 45 days after application.
Grazing Restrictions	Barley, oats, rye (grazing, forage, hay)-7 days Wheat, triticale (forage, hay)-7 days Wheat, triticale (grazing)-14 days Nongrass animal feeds forage, fodder, staw, hay-14 days	Barley-Do not harvest treated barley for forage.	Do not use hay, forage, or fodder from soybean crop as any component of animal feed or bedding. To avoid possible illegal residues, do not plant any other crop intended for food, grazing, or any component of animal feed or bedding within 105 days of application to the preceding crop, unless second crop appears on label. Sorghum-do not graze livestock or cut for green chop or silage within 30 days of application.
PreHarvest	Brassica (head and stem subgroup)-0 days Bulb vegetables (crop group 3-07)-0 days Carrots-0 days Barley, oats, rye-7 days Corn (field, pop, sweet, seed production)-7 days Cucurbits-1 day Fruiting vegetables-0 days Leafy vegetables-0 days Legume vegetables (dry and succulent)-14 days Nongrass animal feeds forage, fodder, straw, hay-14 days Oilseed crops-30 days Potatoes-14 days Sorghum-14 days Soybeans-14 days (forage and hay)-0 days Tomatoes-0 days Vegetables, leaves of root and tuber, group and root subgroup-0 days Tuberous, com-14 days		Wheat-30 days Barley-45 days Triticale-45 days Cereals for forage or hay- 30 days Corn-30 days Sweet corn-14 day Onions (dry bulb)-14 days Onions (green types)-0 days Sorghum (forage)-30 days Sorghum (grain/stover)-21 days Soybeans (for seed)-21 days Soybeans (forage/hay)-0 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	polyvinyl chloride, nitrile, butyl	polyvinyl chloride, nitrile, butyl	polyvinyl chloride, nitrile, butyl
Protective Eyewear			x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	No Temperature Restriction		No Temperature Restriction

Product	Quilt Xcel Azoxystrobin/Propiconazole EPA# 100-1324 Syngenta	Range Star Dimethylamine salt of 2,4-dichlorophenoxyacetic acid EPA# 42750-55 Albaugh	Raptor Imazamox EPA# 241-379 BASF
Re-Entry Interval	12 hours	48 hours	4 hours
Crop Rotation Restrictions	Carrots, wheat, barley, triticale, corn (field, seed, popcorn, sweet), grasses grown for seed, oats, sorghum, soybeans, sugar beets- 0 days Buckwheat, millet-12 months Alfalfa (if propiconazole rate does not exceed 0.22lb/ai/ac/season)-75 days All other crops intended for food or feed-105 days	Replanting restrictions for applications of <b>less than 6 pints p/ac</b> <-no rotational cropping restrictions apply at 120 days or more following application. Barley, oat, wheat, other grass seedlings-10 days per pint per acre.  <b>More than 6 pt p/ac</b> and up to 8 pt p/ac (corn, sorghum, and all other crops grown in areas with 30" > annual rainfall 120 days or more after application. Barley, oat, wheat, other grass seedlings may be planted if the interval from application to planting is 10 days per p/ac east of the Mississippi River and 15 days p/ac west of the Mississippi River.	UP TO 5 OUNCES Soybeans-anytime Wheat-3 months Barley,rye-4 months Field, sweet, pop corn-8.5 months Alfalfa, carrots, onions, oats, potatoes-9 months Sugar beets-18 months if pH is 6.2 or greater
Grazing Restrictions	Grasses grown for seed-do not feed hay cut within 20 days after application. Do not graze treated areas within 140 of application. Sorghum-do not graze livestock or cut for green chop or silage within 30 days after application.	Pasture & Rangeland-remove meat animals from treated areas 30 days prior to slaughter. There is no waiting period between treatment and grazing for non-lactating animals. Do not graze lactating dairy animals within 7 days of treatment. Do not cut forage for hay within 7 days. Sorghum-meat or dairy animals 30 days. Do not graze or feed treated sorghum forage or silage prior to manure grain stage.	Do not graze or feed treated forage, hay or straw to livestock.
PreHarvest	Bulb vegetables(dry bulb)-14 days, green onion-0 day Carrots-14 days Wheat for forage or hay-7 days Barley, oats, rye, triticale for forage or hay-7 days Corn (field, pop, seed production) harvest ears or forage-14 days Grasses grown for seed-20 days Sorghum-30 days for forage, 21 days for grain or stover	Pasture & Rangeland-treated grasses may be harvested for dry hay or silage but do not harvest within 37 days of treatment. Do not cut forage for hay within 7 days Sorghum-30 days Wheat-14 days CRP-7 days	Soybeans-85 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants		x	
Waterproof Gloves			x
Chemical-Resistant Gloves	polyvinyl chloride, nitrile, butyl	x	
Protective Eyewear	x	x	
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear		x	
Chemical Resistant Apron		x	
Respirator			
Rainfast Storage		4 hours	1 hour
Temperature (F)	No Temperature Restriction	No Temperature Restriction	32

Product	Rave Triasulfuron EPA# 100-927 Syngenta	Reflex Sodium salt of fomesafen EPA# 100-993 Syngenta	Reglone Diquat EPA# 10182-353 Syngenta
Re-Entry Interval	12 hours	24 hours	24 hours
Crop Rotation Restrictions	Barley-6 months Wheat-12 days Proso millet-4 months IR field corn-4 months Field corn-14-36 months Soybeans-36 months Alfalfa, sugar beets, sunflowers and onions- 24 months	Dry beans, potaotes, snap beans, soybeans-0 days Wheat, barley, rye, tomatoes (transplanted)-4 months Corn-10 months To avoid crop injury do not plant alfalfa, sunflowers, sugar beets, sorghum, or any other crop within-18 months	
Grazing Restrictions	Except for lactating dairy animals, there are no grazing restrictions following application. Lactating animals should wait 7 days before grazing.	Do not graze rotated small grain crops or harvest forage or straw for livestock. Do not graze treated areas or harvest for forage or hay. Dry beans-do not graze animals on green forage or stubble. Do not utilize hay or straw for animal feed or bedding.	Alfalfa, soybeans-Do not graze or feed treated forage to livestock.
PreHarvest		Dry beans-45 days Potatoes-70 days Soybeans-45 days	Alfalfa-3 days Potatoes-7 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			x
Waterproof Gloves	x		x
Chemical-Resistant Gloves		barrier laminate, viton	
Protective Eyewear		x	x
Shoes plus Socks	x	x	
Chemical Resistant Shoes plus Socks			x
Chemical Resistant Head Gear			x
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	4 hours	1 hour	1/2 hour
		32	32



Product	Require Q (mp) Rimsulfuron/Sodium salt of dicamba EPA# 352-761 DuPont	Respect S-Cyano EPA# 279-3327-7969 BASF	Resource fumiclorac pentyl EPA# 59639-82 Valent
Re-Entry Interval	24 hours	12 hours	12 hours
Crop Rotation Restrictions	4oz max rate per season: Field corn-anytime Potatoes-4 months STS Soybeans-1 month Tomato-4 months Cereals, spring (wheat, oats, barley)-9 months Cereals, winter (wheat)-3 months Alfalfa-10 months 8oz max rate per season: Field corn-anytime Potatoes-4 months Tomato-4 months STS Soybeans-4 months Cereals, spring (wheat, oats, barley)-9 months Cereals, winter (wheat)-4 months Corn (pop or sweet)-10 months Soybeans-10 months Sunflower-10 months Crops not listed-18 months	With the exception of the crops listed below rotational crops should not be planted within 30 days of last application.	Do not rotate to crops other than soybeans or field corn within 30 days after last application. Do not rotate to small grains for at least 120 days after last application.
Grazing Restrictions	Do not graze, feed forage, grain or fodder (stover) from treated areas to livestock within 30 days.	Alfalfa (grazing or cutting)-3 days Sweet corn-3 days Soybeans-do not graze or harvest treated soybean forage, straw, or hay for livestock feed	Do not graze animals on green forage or use as feed less than 28 days after application.
PreHarvest		Alfalfa (grazing or cutting)-3 days (harvesting seed)-7 days Sweet corn-3 days Field corn-30 days Seed corn (forage)-60 days Legume vegetables (succulent)-1 day (dried shelled)-21 days Sorghum (grain & fodder)-14 days (forage)-45 days Soybeans-21 days Wheat-14 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants	x		x
Waterproof Gloves			
Chemical-Resistant Gloves	butyl, natural, neoprene, nitrile	nitrile, butyl, neoprene, barrier, viton	barrier laminate, viton
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	
Chemical Resistant Shoes plus Socks	x		x
Chemical Resistant Head Gear	x		
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)		20	1 hour 32

Product	Revus Mandipropamid EPA# 100-1254 Syngenta	Revus Top Mandipropamid/Difenoconazole EPA#100-1278 Syngenta	Rezult Sethoxydim EPA# 7969-194 BASF
Re-Entry Interval	4 hours	12 hours	48 hours
Crop Rotation Restrictions	To avoid possible illegal residues, do not plant any other crop within 30 days of a Revus application to the preceding crop unless the crop appears on this label.	Cucurbit vegetables-0 days Bulb vegetables-0 days Potatoes-0 days Tomatoes-0 days Cereals-30 days Sweet corn-30 days Sugar beets-30 days	Do not plant any crop for 30 days following the last application of Rezult unless Rezult, Poast herbicide or Poast Plus herbicide is registered for use on the crop.
Grazing Restrictions			Do not graze or feed soybean fields/forage (green succulent) or ensilage to livestock. Do not cut soybean fields for hay for at least 30 days. Only processed meal from seed or hay may be fed to animals. Corn-12 days Sweet corn-12 days
PreHarvest	Brassica, cabbage-1 day Bulb vegetables-7 days Cucurbits-0 days Leafy vegetables-1 day Peppers-1 day	Potatoes-14 days Tomatoes-1 day	Dry beans/dry peas-30 days Soybeans-75 days Field corn for corn grain or fodder-60 days Field corn for corn forage/silage-45 days Sweet corn for harvest corn grain and fodder-45 days Sweet corn for corn forage/silage-30 days Sweet corn harvest fresh-30 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	x	polyvinyl chloride, nitrile, butyl	barrier laminate, nitrile, neoprene, viton
Protective Eyewear			x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	48 hours 32	32	1 hour 32

Product	Rezult B Sodium salt of bentazon EPA# 7969-112 BASF	Ridomil Gold Copper Methoxyacetylamino/copper hydroxide EPA# 100-804 Syngenta	RidomilGold Bravo SC Chlorothalonil EPA# 100-1221 Syngenta
Re-Entry Interval	48 hours	48 hours	48 hours
Crop Rotation Restrictions	The tank mix of Rezult B + Rezult G has no crop rotation restrictions.	Cereal grains-40 days Corn-9 months Alfalfa, onions, beans, sugar beets-0 days	Alfalfa-0 days Brassica vegetables-0 days Cucurbit vegetables-0 days Leafy vegetables-0 days Legume vegetables-0 days Onions-0 days Root & tuber vegetables-0 days Sunflowers-0 days Cereal grains-14 days Corn-9 months Crops not intended for food or feed-0 days All other crops intended for food or feed-12 months
Grazing Restrictions	Do not graze treated soybean fields. Do not feed treated soybean forage (green succulent) or ensilage to livestock. Do not cut treated soybean fields for hay at least 30 days. Only processed meal from seed or hay may be fed to animals.		
PreHarvest	Soybeans-75 days Dry beans-30 days	Carrots-7 days Dry onion bulbs-10 days Green onions-7 days Potatoes-14 days Tomatoes-14 days	Cabbage-7 days Cauliflower-7 days Broccoli-7 days Watermelon-0 days Pumpkins-0 days Onions-7 days Green onions, leeks, shallots-14 days Potatoes-14 days Tomatoes-5 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves	x	x	
Chemical-Resistant Gloves	barrier laminate, nitrile, neoprene, viton		barrier laminate, butyl, nitrile, neoprene, natural, polyethylene, polyvinyl chloride
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage	1 hour		
Temperature (F)	32		

Product	Ridomil Gold MZ Mefenoxam/Maneb EPA# 100-803 Syngenta	Ridomil Gold Bravo Methoxyacetylamino/propionic acid EPA# 100-800 Syngenta	Roundup Power Max Glyphosate EPA# 524-549 Monsanto
Re-Entry Interval	48 hours	48 hours	4 hours
Crop Rotation Restrictions	Cereal grains-40 days Corn-9 months Alfalfa, onions, beans, sugar beets-0 days	Alfalfa-0 days Onions-0 days Soybeans-0 days Sugar beets-0 days Tomatoes-0 days Cereal grains-40 days Corn-9 months Crops not for feed or food-0 days All other crops for feed or food-12 months	Cereal & grain crops- 30 days Corn-30 days Sunflowers-30 days Pastures-30 days
Grazing Restrictions			Annual & perennial crops-8 weeks Cereal & grain crops-7 days Corn-7 days Grain sorghum-7 days Sunflowers-7 days Alfalfa-max preharvest application rate 44 fl. ounce-36 hours, for rates higher do not harvest for livestock feed or allow livestock to graze on treated foliage. CRP-0 days Pastures-0 days Rangelands-0 days Roundup ready alfalfa-5 days Corn hybrids w/ roundup ready 2 tech-7 days
PreHarvest	Dry bulb onions-7 days Potatoes-14 days, also vine kill should occur 14 days before harvest Sugar beets-14 days Tomatoes-5 days	Onions (dry bulb & seed)-7 days Onions (green)-21 days Potatoes-14 days Tomatoes-14 days	Annual & perennial crops-8 weeks Cereal & grain crops-7 days Corn-7 days Preharvest is not recommended for corn grown for seed. Grain sorghum-7 days Sorghum grown for seed-not recommended Sunflowers-7 days Corn hybrids w/ roundup ready 2 tech-7 days Roundup ready sugar beet-30 days
Posting and/or oral notification for workers	Either	Posting	Either
Coveralls	x	x	
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves	x		
Chemical-Resistant Gloves		barrier laminate, viton	polyethylene, polyvinyl chloride
Protective Eyewear		x	
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)			5

Product	Roundup Weathermax Glyphosate EPA# 524-537 Monsanto	RT3 Glyphosate EPA# 524-544 Monsanto	Rovral 4F Iprodione EPA# 264-482 Aventis
Re-Entry Interval	4 hours	4 hours	24 hours
Crop Rotation Restrictions	Cereal & grain crops-30 days Corn-7 days Sunflowers-30 days		The following crops may be rotated after harvest: beans, broccoli, carrots, dry bulb onions, and potatoes.
Grazing Restrictions	Do not harvest or feed treated vegetation for 8 weeks following broadcast postemergence application, unless otherwise specified. Cereal & grain crops-7 days Corn-7 days; Grain sorghum-7 days Sunflowers-7 days Alfalfa-max preharvest application rate 44 fl. ounce-36 hours, for rates higher do not harvest for livestock feed or allow livestock to graze on treated foliage. Pastures-8 weeks Roundup ready alfalfa-5 days Corn hybrids w/ roundup ready 2 tech-7 days Roundup ready sugar beet-30 days	Do not harvest or feed treated vegetation for 8 weeks following broadcast postemergence application, unless otherwise specified. Feed barley & wheat stubble-0 days; Barley-7 days; Millet-7 days Wheat-7 days; Corn-7 days Grain sorghum-7 days; Sunflowers-7 days Soybeans-25 days; CRP-0 days Pastures-2 qt/ac < 0 days, >2 qt/ac 8 weeks	Dry bean hay-45 days Dry bean foraging-14 days
PreHarvest	Cereal & grain crops-7 days Corn-7 days Grain sorghum-7 days Sorghum grown for seed-not recommended Sunflowers-7 days Pastures-8 weeks Roundup ready alfalfa-5 days	Unless otherwise specified on label, treatment with selective equip., including wiper app. & hooded sprayers must be made at least 14 days prior to harvest. Barley-7 days; Millet-7 days Wheat-7 days; Corn-7 days Seed corn-not recommended Grain sorghum-7 days Legume vegetables-7 days Sunflowers-30 days; Soybeans-7 days Pastures-<2 qt/ac-0 days Pastures->2 qt/ac 8 weeks	Carrots-day of harvest Onions-7 days Potatoes-14 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	polyethylene, polyvinyl chloride	polyethylene, polyvinyl chloride	barrier laminate, butyl, nitril, neoprene, polyvinyl chloride, viton
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			x
Respirator			
Rainfast Storage Temperature (F)	No Temperature Restriction	4 hours	No Temperature Restriction

Product	Scoparia Isoxaflutole EPA# 264-600 Bayer	Sequence Glyphosate/S-metolachlor EPA# 100-1185 Syngenta	Select Clethodim EPA# 59639-3 Valent
Re-Entry Interval	12 hours	24 hours	24 hours
Crop Rotation Restrictions	Wheat, triticale-4 months Soybeans, barley, sweet corn, popcorn, potato, grain, oats, rye, sorghum, sunflower-6 months Alfalfa-10 months (15 inches of cumulative precipitation from application to planting) Carrots-12 months (15 inches of cumulative precipitation from application to planting) Sugarbeets-18 months (15 inches of cumulative precipitation from application to planting) All other crops-18 months (15 inches of cumulative precipitation from application to planting of rotational crop) The amount of cumulative precipitation required before planting a rotational crop is in addition to the required rotational interval given in months. Furrow or flood irrigation not to be included in total. No more than 7 inches of overhead irrigation included in total.	Barley, oats, rye, or wheat 4 1/2 months Alfalfa 4 month. Tomatoes 6 months Root crops, tobacco, barley, buckwheat, milo, oats, rice, rye, wheat, cabbage, may be planted in the spring following treatment.	Do not plant rotational crops until 30 days after application of Select.
Grazing Restrictions		Corn-30 days Soybean-30 days	Soybeans-Do not graze treated fields. Alfalfa-15 days
PreHarvest		Corn-50 days before harvest Sugar beet-60 days	Soybeans- 60 days Sugar beets-100 days Tomatoes-20 days Alfalfa-60 days Dry beans-30 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants	x		
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	polyethylene, polyvinyl chloride	barrier laminate, butyl, nitril, neoprene, polyethylene, polyvinyl chloride	barrier laminate, viton
Protective Eyewear	x		x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear			
Chemical Resistant Apron	x		
Respirator			
Rainfast Storage Temperature (F)		No Temperature Restriction	1 hour

Product	SelectMax Clethodim EPA# 59639-132 Valent	Sevin XLR Carbaryl EPA# 264-333 Bayer	Shadow Clethodim EPA# 66330-353 Arysta
Re-Entry Interval	24 hours	12 hours	24 hours
Crop Rotation Restrictions	Do not plant rotational crops until 30 days after application unless crop is listed.		Alfalfa-30 days Do not plant any crop for 30 days after application unless Clethodim is registered for use on that crop
Grazing Restrictions	Alfalfa-15 days Soybean-do not graze treated fields or feed treated forage or hay to livestock.	Field corn-14 days Sorghum-14 days Sweet corn-14 days Wheat-7 days Alfalfa-7 days Soybeans-14 days	Alfalfa-15 days Do not graze treated fields or feed treated forage and/or hay to livestock
PreHarvest	Alfalfa, seedling/established-15 days Dry beans-30 days Succulent shelled beans-21 days Garden beet-30 days Brassica vegetables, head/stem-30 days Carrot-30 days Cucurbits-14 days Fruiting vegetables (except tomatoes)-20 days Herbs-14 days Hops-21 days Leaf lettuce-14 days Leafy Brassica Greens-14 days Legume vegetables-21 days Onions-45 days Potato-30 days Root vegetables-30 days Soybean-60 days Sugar beet-40 days Sunflower-70 days Tuberous/corm-30 days Tomato-20 days	Field corn-48 days Sorghum-21 days Sweet corn-2 days Wheat-21 days Alfalfa-7 days Soybeans-14 days Sugar beets-28 days	Alfalfa-15 days Carrots-30 days Dry Beans-30 days Onion (dry bulb only)-45 days Potatoes-30 days Soybeans-60 days Sugar beets-40 days Sunflowers-70 days
Posting and/or oral notification for workers	Either	Either	Post
Coveralls	x		x
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants	x		
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, viton	barrier laminate, butyl, nitril, neoprene, polyvinyl chloride, viton	barrier, viton
Protective Eyewear	x		x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear		x	
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	32	2 hours	No Temperature Restriction
		No Temperature Restriction	No Temperature Restriction

Product	Sharpen Saflufenacil EPA# 7969-278 BASF	Solera Paraquat Paraquat dichloride EPA# 82542-3 Source Dynamics	Solstice Mesotrione EPA# 279-3461 FMC
Re-Entry Interval	12 hours	24 hours	12 hours
Crop Rotation Restrictions	Corn-0 months Sweet corn-0.5-4 months (depending on fl oxs/A) Sorghum- 0-1 month (depending on fl oxs/A) Soybeans-0-6 months (depending on fl oxs/A) Sugar beets- 4-9 months (depending on fl oxs/A) Sunflower-4-9 months (depending on fl oxs/A)	After the last application all rotational crops may be planted immediately.	Corn (field, seed, pop)-0 months Soybeans-10 months Sugarbeets-18 months Dry beans-18 months Cucurbits-18 months All other rotational crops not listed-18 months
Grazing Restrictions	Corn-80 days Grain forage & hay-30 days Sorghum-70 days	Alfalfa-dormant season Region A 42 days Alfalfa-dormant season Region B 60 days Alfalfa-east of the Rocky Mtns. 30 days Dry beans-7 days Corn-0 days Grasses-0 days Onions-60 days Potatoes-3 days Sorghum-(grain) 48 days (forage) 20 days Soybeans-0 days Sugar beets-0 days Sunflowers-7 days Tomatoes-0 days	Do not harvest or feed forage within 45 days. Do not harvest or feed grain or stover (fodder) within 70 days. Do not harvest or feed sweet corn forage or ears within 40 days. Do not harvest or feed field corn forage until 30 days after last application.
PreHarvest	Corn-80 days Grain forage & hay-30 days Sorghum-70 days Soybeans-65 days Sunflowers-7 days	Alfalfa-dormant season Region A 42 days Alfalfa-dormant season Region B 60 days Alfalfa-east of the Rocky Mtns. 30 days Dry beans-7 days Corn-0 days; Grasses-0 days Onions-60 days; Potatoes-3 days Sorghum-(grain) 48 days Sorghum-(forage) 20 days Soybeans-0 days; Sugar beets-0 days Sunflowers-7 days; Tomatoes-0 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			x
Waterproof Gloves			
Chemical-Resistant Gloves	natural rubber	barrier, butyl, nitrile, neoprene, natural, polyethylene, polyvinyl chloride	natural rubber, barrier, butyl, viton, polyethylene, polyvinyl chloride
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			x
Chemical Resistant Head Gear		x	x
Chemical Resistant Apron		x	x
Respirator		x	
Rainfast Storage Temperature (F)	1 hour 32	30 minutes	1 hour 32



Product	Sonalan HFP Ethafluralin EPA# 62719-188 Dow AgroSciences	Spartan 4F Sulfentrazone EPA# 279-3220 FMC	Spartan Charge Sulfentrazone EPA# 279-3337 FMC
Re-Entry Interval	24 hours	12 hours	12 hours
Crop Rotation Restrictions	Alfalfa-12 months Barley-4 months Cabbage-any Field corn-10 months Corn-18 months Sorghum-10 months Soybeans-any Sugar beets-36 months Sunflowers-any Tomato (transplanted only)-any Turf-any All other crops- 12 months	Alfalfa-12 months Barley-4 months Cereal Grains-12 months Field corn-10 months Sweet corn-18 months Sugar beets-36 months Sunflowers-any Wheat-4 months	Alfalfa-12 months Barley-4 months Wheat-4 months Cabbage-any Field corn-4 months Corn-12 months Dry shell beans-4 months Oats-12 months Potatoes-4 months Sorghum-10 months Soybeans-any Sugar beets-24 months Sunflowers-any Turf-any All other crops-12 months
Grazing Restrictions	Do not graze or forage crop grown in treated soil or cut for hay or silage.	Do not graze or feed forage harvested from Spartan 4F treated areas.	Do not graze or feed forage harvested from Spartan Charge treated areas
PreHarvest			
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants	x		x
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, viton	polyethylene, polyvinyl chloride	polyethylene, polyvinyl chloride
Protective Eyewear	x		
Shoes plus Socks		x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear	x		
Chemical Resistant Apron	x		
Respirator			
Rainfast Storage Temperature (F)	40	No Temperature Restriction	32

Product	Spartan Elite S-metolachlor EPA# 279-3442 FMC	Starane NXT Bromoxynil EPA# 62719-557 Dow AgroSciences	Starane Ultra Fluroxypyr 1-methylheptyl ester EPA# 62719-577 Dow AgroSciences
Re-Entry Interval	24 hours	24 hours	24 hours
Crop Rotation Restrictions	Do not rotate to food or feed crops other than those listed on the label. Alfalfa-12 months Barley-4 1/2 months Cereal Grains-12 months Field Corn-10 months Corn ( pop, sweet)-18 months Potatoes-4 months Sorghum-10 months Soybeans-any Sugar beets-36 months Sunflowers-any Tomato-4 months Wheat-4 1/2 months For all other crops not listed, the rotation interval is a minimum of 12 months with a representative bioassay to determine crop safety before planting.	If replanting is required, plant only those crops listed on this label or Federally approved supplemental labeling for Starane NXT after 30 days but prior to 120 days following application. Any crop may be replanted when more than 120 days have lapsed following application. Do not plant non-labeled rotational crops within 120 days following an application.	
Grazing Restrictions	Do not use for forage within 60 days after an application. Do not cut for hay within 120 days after an application. Do not graze or feed treated soybean forage, hay or straw to livestock for 30 days after treatment. Do not allow livestock to graze or feed in treated areas.	Do not allow livestock to graze treated areas within 45 days of application. Do not allow livestock to graze in treated areas or feed treated grasses to livestock.	Wheat, barley, oats-7 days of application Field corn forage 47 days and 90 days grain and stover. Sweet corn-forage 31 days. Sorghum-40 days. Grasses (seed, forage, hay)-no restrictions for lactating or non-lactating dairy animals, meat animals must be withdrawn from treated forage at least 2 days before slaughter.
PreHarvest		Do not apply within 45 days of hay, grain or straw harvest.	Do not apply closer than 14 days before cutting of hay or 40 days before harvesting of grain and straw. Field Corn forage 47 days and 90 days grain and stover Sweet corn-forage 31 days and 31 days harvesting ears Sorghum-forage 40 days and grain or stover 70 days Grasses (seed, forage, hay) 7 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants	x		
Waterproof Gloves			
Chemical-Resistant Gloves	polyethylene, polyvinyl chloride	barrier laminate, viton, natural rubber	natural rubber
Protective Eyewear		x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear			
Chemical Resistant Apron	x		
Respirator			
Rainfast Storage Temperature (F)	32	14	10

Product	Stallion Zeta-Cypermethrin/Chlorpyrifos EPA# 279-9545 FMC	Status Sodium salt of diflufenzopyr/ Sodium salt of dicamba EPA# 7969-242 BASF	Steward EC Indoxacarb EPA# 352-638 DuPont
Re-Entry Interval	24 hours	24 hours	12 hours
Crop Rotation Restrictions	With the exception of the crops listed below, do not plant rotational crops within 30 days of last application.	Do not plant any crops within 120 days after the last application. Alfalfa, cereal grain crops, cotton, grain sorghum and soybeans may be planted 30 days after the rainfall/irrigation event in all states except California. In the event of crop failure, corn can be replanted 7 or more days after application.	Brassica leafy vegetables, cucurbit vegetables, fruiting vegetables, leafy green vegetables, leafy petiole vegetables, sweet corn, tuberous and corn vegetables found in crop subgroup 1C, potato, sweet potato may be planted immediately. Do not plant for food or feed any other crops not registered for use with indoxacarb for 30 days after last use.
Grazing Restrictions	Alfalfa-7 days Sugar beets-Do not allow meat or dairy animals to graze in treated areas or harvest treated beet tops as feed for meat or dairy animals within 50 days of last treatment. Soybeans-do not allow meat or dairy animals to graze in treated areas or otherwise feed treated soybean forage, hay, and straw to meat or dairy animals. Sunflowers-do not graze livestock in treated areas or cut treated crops for feed. Do not apply when honey bees are actively foraging by applying during the early morning or evening hours.		Soybean-do not feed or graze livestock on treated fields.
PreHarvest	Alfalfa-7 days Sugar beets (tops/roots)-50 days Corn (field) grown for seed (at-plant use and foliar use)-30 days harvest for grain/stover, 60 days harvest for forage Sweet corn (foliar use)-21 days Sorghum (grain/stover)-30 days Sorghum (forage)-45 days Soybeans-28 days Sunflowers-42 days Wheat (forage/hay)-14 days Wheat (grain/straw)-28 days	Do not apply within 32 days of corn forage harvest. Do not apply within 72 days of popcorn, corn grain and stover harvest.	Alfalfa (including grown for seed)-7 days Soybean-21 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants	x		x
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	x	x	Butyl, natural, neoprene, nitrile
Protective Eyewear	x	x	
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks	x		x
Chemical Resistant Head Gear	x		
Chemical Resistant Apron	x		
Respirator	x		
Rainfast Storage Temperature (F)	32	4 hours	32

Product	Stinger Clopyralid EPA# 62719-73 Dow AgroSciences	Stratego YLD Prothioconazole/Trifloxystrobin EPA# 264-1093 Bayer	Super Tin 80WP Triphenyltin/Hydroxide EPA# 352-689 DuPont
Re-Entry Interval	12 hours	12 hours	48 hours
Crop Rotation Restrictions	Barley, corn, oats, sugar beets and wheat - 0 months Alfalfa, dry beans, onions, soybeans, sunflowers, sweet corn - 10.5 months Potatoes-18 months	Treated areas may be replanted immediately following harvest or as soon as practical following the last application with any crop listed on this label and with barley, sugar beets, and wheat. For all other crops, do not plant back within 30 days of last application.	
Grazing Restrictions	Do not permit lactating dairy animals or meat animals to forage or graze within 1 week after treatment. Corn-40 days	Barley-if one application or a total of 2.3fl/oz per season-30 days Barley (forage)-30 days, Barley (hay)-45 days If two applications or total 4.6fl/oz per season applied do not allow livestock to graze in treated areas do not harvest for forage or hay. Soybeans-do not graze or feed soybean forage or hay. Wheat-if up to total of 4.0fl/oz per season-30 days Wheat (forage)-30 days Wheat (hay)-45 days If greater than 4.0fl/oz per season do not allow livestock to graze within treated area and do not harvest for forage or hay.	Do not graze dairy or meat animals in treated areas.
PreHarvest	Do not harvest hay from treated grain fields. Sugar beets-105 days	Barley-40 days Sweet corn (forage and ears)-0 days Sweet corn (fodder)-14 days Corn (field corn, field corn grown for seed, popcorn)-14 days for grain and fodder, forage may be harvest same day. Soybeans-21 days Wheat-35 days	Sugar beets-21 days Potatoes-7 days
Posting and/or oral notification for workers	Either	Either	Both
Coveralls		x	
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			x
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves	x		
Chemical-Resistant Gloves		x	butyl, nitrile, neoprene
Protective Eyewear			x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			x
Chemical Resistant Head Gear			x
Chemical Resistant Apron			x
Respirator			x
Rainfast Storage Temperature (F)	8 hours 28	14	0

Product	SureStart II Acetochlor EPA# 62719-679 DOW	Tebustar 3.6L Tebuconazole EPA# 42750-99 Albaugh	Tilt Propiconazole EPA# 100-617 Syngenta
Re-Entry Interval	12 hours	Varies per crop	12 hours
Crop Rotation Restrictions	Corn-0 days If crop treated is lost, corn may be replanted immediately. Do not make a second application. Wheat-4 months Alfalfa, barley, dry beans, oats, popcorn, soybean-when annual rainfall or irrigation is less than 15 inches on soils with less than 2% organic matter, this crop should not be planted until 18 months after treatment. Certain sweet corn varieties may be planted 10.5 months following application. Please refer to the separate product bulletin for a list of these varieties. Rotation to canola, sugar beets, and all other crops requires a 26 month rotation interval and a successful field bioassay.	Treated areas may be replanted with any crop specified on this label as soon as practical after last application. Any crop not specified on the label may be planted into treated areas 120 days after last application.	To avoid possible illegal residues, do not plant any other crop intended for food, grazing, or any component of animal feed within 105 days of application to the preceding crop, unless the second crop appears on the label.
Grazing Restrictions		Barley-6 days Wheat-6 days	Do not graze or cut for green chop or silage within 30 days. Rotation of food crops, grazing, or animal feed-105 days
PreHarvest	Field corn harvested for grain-85 days	Barley-30 days Fresh beans-7 days Dry beans-14 days Sweet corn-7 days ears or forage and 49 days fodder Field seed or popcorn: 21 days harvest of forage and 36 days grain or fodder Onion-7 days Soybean-21 days Sunflower-50 days Wheat-30 days	Beets-14 days Carrots-14 days Cereals (wheat)-30 days Do not apply within 45 days of harvest for grain & straw or for cereals other than wheat Corn-30 days Sweet corn-14 days Onions-14 days Green onions-applied at 0 day PHI Sorghum-30 days for forage 21 days grain & stover Sugar beets-21 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate, butyl, nitrile, viton	barrier laminate, butyl, nitrile, neoprene polyvinyl chloride, viton	barrier laminate or viton
Protective Eyewear	x		x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks	x		
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)			No Temperature Restriction

Product	Tomahawk4 Glyphosate EPA# 83222-21 Direct Ag Souce	Topeka Dimethylamine Salt of Dicamba EPA# 9468-46-83979 Rotam	Tordon 22K Picloram EPA# 62719-6 Dow AgroSciences
Re-Entry Interval	4 hours	24 hours	12 hours
Crop Rotation Restrictions	Crops listed on this label may be planted into the treated area at any time; for any other crop, wait at least 30 days between application and planting.	Up to 2lb/ai/ac/yr: corn, sorghum, soybeans can be planted in spring, after applications were made the previous year. If interval between application and planting is less than specified, soybean injury may occur. Delay planting for 30 days per pt. in areas with greater than 30" of rainfall, delay planting for 45 days per pt. in areas with 30" or less of rainfall. For use West of the Mississippi river, allow an interval of 45 days per pt/ac (3 day per ounce). Do not count days when ground is frozen, as moisture is necessary for Topeka degradation. Any rotational crop may be planted following a normal harvest of barley, oats or wheat. If a shortened interval before harvest occurs (such as plowing under of cover crops), do not plant a sensitive crop.	Do not rotate food or feed crops on treated land if they are not registered for use with Picloram until an adequately sensitive bioassay or chemical test shows that no detectable picloram is present in the soil.
Grazing Restrictions	Cereal/grain-7 days Grain sorghum (milo)-do not feed or graze milo fodder/forage following hooded spayer app. Oil seed crops-do not feed or graze sunflower forage following application. Soybeans (hay/fodder)-25 days, rate 1qt/ac 14 days Alfalfa rate 2 qt/ac-36 hours All other legumes listed rate 3pt/ac-3 days Pastures-remove livestock before application and wait 7 days before grazing or harvesting for feed Roundup ready corn 2 (stover/grain)-7 days Roundup ready soybeans-14 days Rangelands-remove livestock before wait 7 days before grazing or harvesting for feed	Small grains (wheat, barley, oats) not underseeded to legumes-do not remove animals from treated area for slaughter less than 30 days, do not allow lactating dairy animals to graze for 7 days, no waiting period for non-lactating dairy animals Animals to be slaughtered cannot be removed from areas treated until 30 days after application. Lactating dairy animals must not graze fields for 7 days after application up to 1pt/ac, or 21 days after applications greater than 1pt-1qt/ac. Hay to be used as feed for lactating dairy animals cannot be harvested for 37 days after application up to 1pt/ac, or 51 days after application up to 1pt-1qt/ac.	Pasture, range land-1 qt. or more-2 weeks Lactating animals-2 weeks Barley, oats and wheat-2 weeks Do not harvest hay from treated grain fields.
PreHarvest	Cereal/grain-7 days Soybeans-7 days Vegetable crops-14 days Alfalfa rate 2 qt/ac-36 hours All other legumes listed rate 3pt/ac-3 days Roundup ready corn 2 (stover/grain)-7 days Roundup ready soybeans-14 days Roundup ready sugar beet-30 days	Small grains (wheat, barley, oats) not underseeded to legumes-7 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants		x	
Waterproof Gloves			x
Chemical-Resistant Gloves	butyl, natural, neoprene, nitrile	x	
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks		x	
Chemical Resistant Head Gear		x	
Chemical Resistant Apron			
Respirator			
Rainfast Storage	4 hours		2 hours
Temperature (F)	15		40

Product	Touchdown CT Glyphosate EPA# 100-1212 Syngenta	Touchdown Total Glyphosate EPA# 100-1169 Syngenta	Traxion Glyphosate EPA# 100-1169 Syngenta
Re-Entry Interval	12 hours	12 hours	12 hours
Crop Rotation Restrictions		There are no rotational crop restrictions following application of this product.	
Grazing Restrictions	Do not harvest or feed treated vegetation for 8 weeks following application unless otherwise specified. Alfalfa-14 days Corn-7 days	Do not harvest or feed treated vegetation for 8 weeks following application unless otherwise specified. Alfalfa-14 days Corn-7 days Soybeans-7 days Sorghum-7 days Do not feed or graze sorghum forage and fodder after hooded applications	Alfalfa-5 days Corn-do not graze or feed corn forage or fodder following hooded sprayer applications. Soybeans-do not graze or harvest forage or hay. Sunflowers-do not graze or feed sunflower forage. Vegetable crops-do not feed treated vines and hay to livestock. Pastures-8 weeks following preplant, preemergence, or pasture renovation applications, spot or wiper/wick application 14 days
PreHarvest	Do not harvest or feed treated vegetation for 8 weeks following application unless otherwise specified Alfalfa- up to 48 fl oz/ac -36 hours Field, seed, sweet corn- 7 days	Alfalfa-36 hours Corn-7 days Soybeans-7 days Wheat & feed barley-7 days Sorghum-7 days	Alfalfa-36 hours Corn-7 days Small grains-7 days Soybeans-14 days Sugar beets-30 days Sunflowers-7 days Vegetable crops-7 days Make preharvest applications with no more than 24 fl. oz/ac at least 7 days before harvest or feeding corn stover
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	polyethylene, polyvinyl chloride, butyl, natural, or neoprene rubber	polyethylene or polyvinyl chloride	polyethylene or polyvinyl chloride
Protective Eyewear			
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage	Heavy rainfall or irrigation shortly after application may require retreatment		
Temperature (F)	No Temperature Restriction	0	

Product	Treflan HFP Trifluralin EPA# 62719-250 Dow AgroSciences	Triumph 22K Picloram EPA# 42750-79 Albaugh	Trifluralin HF Trifluralin EPA# 34704-792 Platte Chemical
Re-Entry Interval	12 hours	12 hours	12 hours
Crop Rotation Restrictions	Sugar beets should not be planted for 12 months after spring application or 14 months after fall application. Vegetable crops, other than those to which Treflan may be applied as a preplant soil incorporate treatment, should not be planted within 5 months after an application of Treflan.	Use only on land to be planted the following year to grass, barley, oats, wheat or fallow land. Many broadleaf crops are extremely sensitive to soil residues. Do not plant sensitive broadleaf crops for 36 months after treatment or until soil residues have declined to a safe level by an adequately sensitive bioassay. A bioassay is recommended following treatment prior to planting any sensitive broadleaf crop.	Do not plant sugar beets for 12 months after a spring application or 14 months after a fall application. Sorghum, corn, oats-14 months after spring application or 16 months after a fall application.
Grazing Restrictions	Do not graze alfalfa within 21 days of application.	Do not cut grass for feed within two weeks after treatment when applying more than 1 quart per acre. Meat animals grazing for up to two weeks after treatment should be removed from treated areas three days prior to slaughter. Do not graze lactating dairy animals on treated areas within two weeks after treatment.	Do not graze alfalfa within 21 days of application.
PreHarvest	Do not apply Treflan within 6 weeks prior to harvesting forage, fodder, or silage, or after corn is 30 inches tall Onions-60 days	Small grains, fallow cropland, CRP acres-Do not apply within 50 days before harvest. Do not harvest hay from treated grain fields. Do not plant grain sorghum within 8 months after application.	Do not apply Treflan within 6 weeks prior to harvesting forage, fodder, or silage, or after corn is 30 inches tall. Onions-60 days
Posting and/or oral notification for workers	Either	Either	Either
Coveralls			
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate or viton	barrier, butyl, nitrile, neoprene, natural, polyethylene, polyvinyl chloride	barrier laminate or viton
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	40		



Product	Twinline Pyraclostrobin/ Metconazole EPA# 7969-247 BASF	Unity Thifensulfuron-methyl EPA#10163-294 Gowan	Valor Flumioxazin EPA# 59639-99 Valent
Re-Entry Interval	12 hours	4 hours	12 hours
Crop Rotation Restrictions	Leafy vegetables may be planted 30 days after the last application. Crops on this label (barley, oats, rye, wheat, soybeans, sugar beats) may be planted immediately. All other crops may be planted 120 days after the last application.	Wheat, barley, oat, triticale, soybeans and field corn may be replanted anytime after the application of UNITY WDG. Any other crop may be planted 45 days after the application of UNITY WDG.	Do not plant any crop except field corn, soybean, sweet potato earlier than 30 days. Soybean, sweet potato-immediately Field corn (minimum and no-till)-14 days Sorghum, sunflower, wheat-30 days Barley, dry/snap beans, lentils, rye, sweet corn-3 months Alfalfa, oats, sugar beets and all other crops not listed-4 months if soil is tilled prior to planting 8 months if no tillage is performed.
Grazing Restrictions		Do not graze or feed forage or hay from treated areas to livestock (harvested straw may be used for bedding feed).	Except field corn, do not graze treated fields or feed treated forage or hay to livestock.
PreHarvest	Oats, rye, wheat, barley, triticale-apply no later than the beginning of flowering (Zadok's 59 or Feekes 10.5). Do not harvest barley hay within 14 days of last application.		
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x	x	x
Long Sleeve Shirt & Long Pant		x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants	x		
Waterproof Gloves			
Chemical-Resistant Gloves	nitrile, butyl, neoprene, barrier	butyl, natural, neoprene, nitrile	polyethylene, polyvinyl chloride
Protective Eyewear	x		
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks	x		x
Chemical Resistant Head Gear	x		
Chemical Resistant Apron	x		x
Respirator			
Rainfast Storage Temperature (F)	32		1 hour

Product	Velpar L Hexazinone EPA# 352-392 DuPont	Velpar AlfaMax Gold Hexazinone/Diuron EPA# 352-666 DuPont	Verdict Saflufenacil/Dimethenamid-P EPA# 7969-279 BASF
Re-Entry Interval	48 hours	48 hours	12 hours
Crop Rotation Restrictions	Do not replant treated areas to any crop except corn, root crops or sugarcane within 2 years after treatment. Corn may be planted 12 months after the last treatment, provided rate did not exceed 3 pt. per acre. Potatoes, sugar beets, or carrots may be planted 12 months after last treatment, provided the rate did not exceed 2pt. per acre. More than 2 pt. per acres should not replant for 2 years.	Do not replant treated areas to any crop except corn, root crops or sugarcane within two years after treatment, as crop injury may occur. Corn may be planted 12 months after the last treatment in areas of moderate to high rainfall > 20 inches as long as the use rate does not exceed 3.2 pounds product per acre. Potatoes, sugar beets, carrots may be planted 12 months after last treatment, provided the rate is < or equal to 2.2 pounds of product per acre. Sites with use rates greater than 2.2 pounds of product per acre should not be replanted to any crop within 2 years or unacceptable crop injury may result.	Fall-seeded cereal crops may be planted 4 months or more following treatment. There are no rotational crop restrictions the spring following the previous year's application. Field corn, popcorn, sorghum-immediately Soybean-may be replanted after crop failure (due to environmental factors)
Grazing Restrictions	Do not graze or feed forage or hay to livestock within 30 days following application.		Sorghum forage and silage can be harvested, fed, or grazed 70 days or more after application. Soybean-do not graze or feed forage, hay, or straw to livestock.
PreHarvest	Alfalfa-30 days		
Posting and/or oral notification for workers	Either	Post	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			
Waterproof Gloves	x		
Chemical-Resistant Gloves	x	polyethylene, polyvinyl chloride	barrier laminate, butyl, nitrile
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			
Chemical Resistant Head Gear			
Chemical Resistant Apron		x	
Respirator		x	
Rainfast Storage Temperature (F)	32		1 hour 32

Product	Vida Pyraflufen ethyl EPA# 71711-7-10163 Gowan	Vydate C-LV Oxamyl EPA# 352-532 DuPont	Warrior II Lambda-Cyhalothrin EPA# 100-1295 Syngenta
Re-Entry Interval	12 hours	48 hours	24 hours
Crop Rotation Restrictions	Do not plant rotational crops other than cotton, potato, corn, soybeans, or wheat for 30 days.		
Grazing Restrictions	Field corn, popcorn, seed corn, corn silage, corn stover-do not allow livestock to graze treated areas. Do not harvest corn for silage within 50 days. Fallow beds-do not allow livestock to graze. CRP-do not allow livestock to graze. Leafy vegetables/small grains-do not allow livestock to graze. Soybeans-do not allow livestock to graze. Wheat-do not allow livestock to graze. Winter wheat-7 days	Soybeans-Do not cut for hay or feed treated forage to livestock	Cereal grains- meat and dairy animals 1 day, do not feed treated fodder or silage within 21 days. Barley/Wheat-meat or dairy 7 days, Do not feed treated straw to meat or dairy animals within 30 days. Pasture/Rangeland grass-immediately, straw, hay and mature seed may be used as feed 7 days after. Regrowth of grass grown for seed may be used for grazing, cut for forage or cut to be dried and harvested for hay.
PreHarvest	Field corn, popcorn, seed corn, corn silage, corn stover-do not harvest corn for grain or stover within 90 days. Potatoes-7 days Soybeans-do not graze soybean forage or cut for hay for 7 days. Do not harvest for 70 days. Winter wheat-do not harvest for hay for 21 days. Do not harvest for grain for 60 days.	Potatoes-7 days	Alfalfa-1 day; Hay-7 days Cereal grains-21 days Sweet corn-1 day Sorghum, Barley, Wheat-30 days Broccoli, cabbage, cauliflower-1 day, Soybeans-30 days Lettuce-1 day; Onion-14 days Sunflower-45 days; Potato-7 days Pasture/Rangeland grass-cut for forage immediately. Do not cut grass to be dried and harvested for hay for 7 days.
Posting and/or oral notification for workers	Either	Post	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant	x		x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants		x	
Waterproof Gloves			
Chemical-Resistant Gloves	nitrile or butyl	barrier laminate, butyl, nitrile, neoprene, polyvinyl chloride or viton	barrier laminate, viton
Protective Eyewear	x		x
Shoes plus Socks	x		x
Chemical Resistant Shoes plus Socks		x	
Chemical Resistant Head Gear		x	
Chemical Resistant Apron			
Respirator			
Rainfast Storage Temperature (F)	1 hour	32	32

Product	Weedar 64 2-4-D EPA# 71368-1 Nufarm	Weedmaster 2-4-D EPA# 71368-34 Nufarm	Weedone LV6 EC 2-4-D EPA# 71368-11 Nufarm
Re-Entry Interval	48 hours	48 hours	12 hours
Crop Rotation Restrictions		<6pt/ac no rotational cropping restrictions apply at 120 days or more following application. Barley, oat, wheat, other grass seedings-10 day per pint per acre. >6-8pt/ac: corn, sorghum (east of Rocky Mtns) and all other crops grown in areas with 30" or more of annual rainfall may be planted 120+. Barely, oat, wheat, other grass seedings 15 days per pint per acre west of the Mississippi River. For all other crops in areas with less than 30" of annual rainfall, the interval between application and planting is 180 days or more.	
Grazing Restrictions	Cereal grains-meat and dairy animals- 2 weeks Do not feed treated straw to livestock Corn/sorghum-meat and dairy animals- 30 days Soybeans-Do not feed treated hay, forage or fodder or graze treated soybeans to livestock. Do not harvest or graze treated CRP areas Hay-dairy cattle 7 days, forage 30 days, slaughter 3 days	There is no waiting period between treatment and grazing for non-lactating animals. Do not permit meat animals being finished for slaughter to graze treated fields within 30 days of slaughter. Do not graze lactating dairy animals within 7 days of treatment. Treated grasses may be harvested for dry hay or silage but do not harvest within 37 days of treatment.	Cereal grains-meat, dairy, slaughter- 2 weeks Field corn-7 days Sorghum-7 days Soybeans-Do not feed treated hay, forage, or fodder or graze treated soybeans to livestock. Grasses grown for seed-7 days Fallow land/crop stubble-7 days, meat, dairy, or slaughter 3 days
PreHarvest	Cereal grains-14 days Sorghum-30 days Hops-28 days Pastures, rangeland, CRP Areas-Do not cut forage for hay within 7 days of application	Sorghum-30 days Wheat (fall/spring-seeded)-7 days, do not use preharvest treated wheat for seed unless a germination test is performed on seed with acceptable result of 95% germination or better. Wheat-14 days	Do not cut grass or hay within 30 days after application.
Posting and/or oral notification for workers	Either	Either	Either
Coveralls	x		x
Long Sleeve Shirt & Long Pant	x	x	x
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants		x	
Waterproof Gloves			x
Chemical-Resistant Gloves	made of any water proof material	x	
Protective Eyewear	x	x	x
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks		x	
Chemical Resistant Head Gear		x	
Chemical Resistant Apron	x	x	x
Respirator			
Rainfast Storage Temperature (F)		4 hours	
		32	

Product	Weedone 638 2-4-D EPA# 71368-3 Nufarm	Widematch Clopyralid EPA# 62719-512 Dow	Xanthion Bacillus subtilis, strain MBI 600/pyraclostrobin EPA#7969-368 BASF
Re-Entry Interval	48 hours	12 hours	12 hours
Crop Rotation Restrictions		Barley, grasses, field corn, oats, sweet corn, wheat - any Sugar beet-120 days Alfalfa, dry beans, grain sorghum, onions, soybeans, sunflower-10.5 months Potatoes (including potatoes grown for seed)-18 months A field bioassay is recommended prior to planting any broadleaf crops that are not listed.	Crops listed on the Xanthion, Cabrio EG fungicide, Headline, and Pristine fungicide labels may be planted immediately following the last application. For all other crops, DO NOT plant sooner than 14 days after the last application.
Grazing Restrictions	Cereal grains-meat and dairy animals- 2 weeks Field corn-7 days Sorghum-7 days Soybeans-Do not feed treated hay, forage or fodder or graze treated soybeans to livestock.	Do not transfer livestock from treated grazing areas (or feed treated hay) to sensitive broadleaf crop areas without first allowing 7 days of grazing on untreated pasture (or feeding of untreated hay). If livestock are transferred within less than 7 days of grazing untreated pasture or eating untreated hay, urine and manure may contain enough clopyralid to cause injury to sensitive broadleaf plants. Wheat/barley-7 days, Grass grown for seed-none for lactating/non-lactating, slaughter-2 days Field corn-47 days	
PreHarvest	Cereal grains-dough stage Pastures-30 days	Hay-14 days Grain/Straw-40 days Grasses for seed-7 days Field corn-90 days	
Posting and/or oral notification for workers	Either	Either	Either
Coveralls		x	x
Long Sleeve Shirt & Long Pant	x	x	
Coveralls over Long Sleeve Shirt & Pants			
Coveralls over Short Sleeve Shirt & Pants			x
Waterproof Gloves			
Chemical-Resistant Gloves	barrier laminate or viton	barrier laminate or viton	nitrile, butyl, neoprene, barrier laminate
Protective Eyewear	x		
Shoes plus Socks	x	x	x
Chemical Resistant Shoes plus Socks			x
Chemical Resistant Head Gear			x
Chemical Resistant Apron			x
Respirator			
Rainfast Storage Temperature (F)	No Temperature Restriction	20	48 hours

<b>Product</b>	<b>Zidua Pyroxasulfone EPA# 7969-338 BASF</b>
<b>Re-Entry Interval</b>	12 hours
<b>Crop Rotation Restrictions</b>	Alfalfa-10 months Corn-0 months Edible peas, succulent/edible, dry beans-11 months Grain sorghum-6 months 1-2 oz/a, 10 months 3oz/a, 12 months 4oz/a Grasses grown for seed-18 months Potato-4 months Small grains (other than wheat)-11 months, 4oz/ac 18 months Soybean-0 months, 4oz/ac 4 months Sugar beet-12 months 1-2oz/ac, 15 months 3-4oz/ac Sunflower-4 months Wheat-0 1oz/ac, 1 2oz/ac, 4 3oz/ac, 6 4oz/ac Other crops-18 months
<b>Grazing Restrictions</b>	
<b>PreHarvest</b>	Do not harvest sweet corn ears for human consumption less than 37 days after application.
<b>Posting and/or oral notification for workers</b>	Either
<b>Coveralls</b>	x
<b>Long Sleeve Shirt &amp; Long Pant</b>	x
<b>Coveralls over Long Sleeve Shirt &amp; Pants</b>	
<b>Coveralls over Short Sleeve Shirt &amp; Pants</b>	
<b>Waterproof Gloves</b>	
<b>Chemical-Resistant Gloves</b>	barrier laminate, butyl, nitrile, neoprene, natural, polyethylene, polyvinyl chloride, viton
<b>Protective Eyewear</b>	
<b>Shoes plus Socks</b>	x
<b>Chemical Resistant Shoes plus Socks</b>	
<b>Chemical Resistant Head Gear</b>	
<b>Chemical Resistant Apron</b>	
<b>Respirator</b>	
<b>Rainfast Storage Temperature (F)</b>	No Temperature Restriction