

CARFENTRAZONE-ETHYL	GROUP	14	HERBICIDE
SULFENTRAZONE	GROUP	14	HERBICIDE



RightLine®
LOYALTY™ 10XT

ACTIVE INGREDIENTS:	By Wt.
Carfentrazone-ethyl*.....	3.53%
Sulfentrazone**.....	31.77%
OTHER INGREDIENTS:	64.70%
TOTAL:	100.00%

*This product contains 0.35 pounds per US gallon of the active ingredient Carfentrazone-ethyl (CARF).

**This product contains 3.15 pounds per US gallon of the active ingredient Sulfentrazone (SFZ).

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information on this pesticide product (including general health concerns or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday, 8:00 AM to 12 PM Pacific Standard Time. In the event of a medical emergency, call your poison control center at 1-800-222-1222.

See inside label booklet for additional Precautionary Statements and Directions for Use including Storage and Disposal instructions.

Distributed by:
RightLine, LLC
950 Falcon Drive
Malden, MO 63863

EPA Reg. No.: 95009-3-93051
EPA Est. No.: 70815-GA-002 (CV), 89332-GA-001 (MA), 86869-NC-001 (SM), 102434-GA-1 (AC)
(Letter(s) in the lot number correspond to letter(s) following the EPA Est No.)

Net Contents: 60 fl. oz.

For Chemical Emergency:
Spill, Leak, Fire, Exposure, or Accident,
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Personal Protective Equipment (PPE)

Applicators, mixers, loaders and other pesticide handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves (including barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, natural rubber \geq 14 mils, polyethylene, polyvinyl chloride (PVC) \geq 14 mils, and viton \geq 14 mils), and shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is toxic to algae, marine/estuarine invertebrates, and moderately toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to terrestrial and aquatic plants in neighboring areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

Groundwater Advisory

This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Do not use on coarse soils classified as sand which have less than 1% organic matter.

Surface Water Advisory

This product can contaminate surface water through spray drift. Under some conditions, this product may also have a high potential for runoff into surface water (primarily via dissolution in runoff water) for several to many months post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlying tile drainage systems that drain to surface waters.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by minimizing spray drift.

Fish Advisory Statement: This product may be hazardous to aquatic systems, particularly in clear, shallow water bodies that are adjacent to treated areas. Transport to water by runoff or spray drift of this product in areas where surface water is present, or intertidal areas below the mean high water mark, should be avoided. Do not contaminate water when disposing of equipment wash water or rinsate.

Physical or Chemical Hazards

Do not mix or allow coming into contact with oxidizing agents. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Endangered Species: It is a Federal offense to use any pesticide in a manner that results in the death of an endangered species. Use of this product may pose a hazard to endangered or threatened species. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the county in which you are applying the product. To obtain Bulletins, no more than six months before using this product, consult <http://www.epa.gov/espp/> or call 1-800-447-3813. You must use the Bulletin valid for the month in which you will apply the product.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, chemical-resistant gloves (including barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, natural rubber \geq 14 mils, polyethylene, polyvinyl chloride (PVC) \geq 14 mils, and viton \geq 14 mils), and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

Weed Resistance Management

For resistance management, RightLine LOYALTY 10XT is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to RightLine LOYALTY 10XT and other Group 14 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of RightLine LOYALTY 10XT or other Group 14 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.

- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance. Difficult to control weeds may require sequential applications of herbicides with differing mechanisms of action
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; or (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed. Fields with difficult to control weeds should be rotated to crops that allow the use of herbicides with alternative mechanisms of action or different management practices.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Plant into weed-free fields and keep fields as weed free as possible.
- To the extent possible, do not allow weed escapes to produce seeds, roots or tubers. Manage weed seeds at harvest and post-harvest to prevent buildup of the weed seedbank.
- Prevent an influx of weeds into the field by managing field borders.
- Apply this herbicide at the correct timing and rate needed to control the most difficult weed in the field.

- Use a broad spectrum soil-applied herbicide with a mechanism of action that differs from this product as a foundation in a weed-control program. Do not use more than two applications of this or any other herbicide with the same mechanism of action within a single growing season unless mixed with an herbicide with another mechanism of action with an overlapping spectrum for the difficult-to-control weeds.

Report any incidence of non-performance of this product against a particular weed species to your RightLine, LLC retailer or representative at (770) 335-3015. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to these MOAs have been found in your region and for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes. Do not assume that each listed weed is being controlled by multiple mechanisms of action. Co-formulated active ingredients are intended to broaden the spectrum of weeds that are controlled. Some weeds may be controlled by only one of the active ingredients in this product.

PRODUCT INFORMATION

RightLine LOYALTY 10XT is a selective herbicide that provides postemergent contact and soil residual weed control. RightLine LOYALTY 10XT is a 3.5 pound per gallon suspoemulsion containing the active ingredients carfentrazone-ethyl and sulfentrazone.

RightLine LOYALTY 10XT can be used in established turf areas including, but not limited to, residential, commercial and institutional lawns, athletic fields, commercial sod farms, golf course fairways and golf course roughs and other non-crop sites such as railroad rights-of-way, highway, roadside, pipeline and utility rights-of-way, industrial areas, and fence rows. RightLine LOYALTY 10XT controls susceptible weed species by contact and residual activity.

Observe the most restrictive of all instructions, mixing directions, application precautions, and other label information of each product when tank mixing with RightLine LOYALTY 10XT. In addition to application information, refer to the specific directions of use for a particular use pattern as set forth below.

PRODUCT APPLICATION INSTRUCTIONS

RightLine LOYALTY 10XT is to be mixed with water and applied to labeled non-agricultural use sites. RightLine LOYALTY 10XT provides postemergent contact and soil residual control of susceptible weed species.

Emerged, susceptible broadleaf weeds are easiest to control when they are small (less than 3 inches tall) and actively growing. Thorough coverage is essential for control of small susceptible broadleaf weeds. If thorough coverage is not achieved postemergent weed control will be poor. Always use the higher application rate of this product, for the appropriate soil texture and organic matter, when weed growth is dense or heavy, or when weeds are growing in an undisturbed or non-cultivated area. Reduced weed control may occur if weeds are experiencing drought stress, disease or insect damage, or when weeds are thickly covered with dust. For control of weeds not listed on this label RightLine LOYALTY 10XT may be tank-mixed with other herbicides such as glyphosate and glufosinate. Read and follow all manufacturers' label directions for the companion herbicide(s) and follow the most restrictive instructions for use. The use of a quality spray adjuvant is required for optimum control of emerged weeds. Refer to the non-agricultural use sections of this label for specific adjuvant type and use rates.

The residual activity of RightLine LOYALTY 10XT applications requires adequate moisture for herbicidal activation. The amount of residual activity is dependent on several factors. These factors include, but are not limited to, existing soil moisture at application, soil type, organic matter, and till. Where irrigation is not available and rainfall has not provided activation, particularly for surface applications of RightLine LOYALTY 10XT, a shallow incorporation (less than 2") is recommended for destruction of any existing weeds and to incorporate RightLine LOYALTY 10XT. Herbicide incorporation will initiate the process of activation with existing soil moisture. In circumstances where rainfall has not occurred and/or irrigation is not possible, alternative or additional weed management practices may be required.

ENVIRONMENTAL AND SOIL FACTORS INFLUENCING RightLine LOYALTY 10XT APPLICATIONS

The user is required to read and follow the specific RightLine LOYALTY 10XT use directions and restrictions for each use as defined in subsequent sections of this label. The user is cautioned that some weeds respond differently to RightLine LOYALTY 10XT. This response is governed by the RightLine LOYALTY 10XT application rate, various soil factors and inherent crop sensitivity. See individual use sections for specific directions on the use of RightLine LOYALTY 10XT for optimum weed control.

INFLUENCE OF CLAY, SOIL TYPE, AND pH ON RIGHTLINE LOYALTY 10XT USE RATES AND CROP RESPONSE

Following an application of RightLine LOYALTY 10XT to soil, germinating seeds and seedlings take up RightLine LOYALTY 10XT from the soil solution. The amount of RightLine LOYALTY 10XT in the soil solution, and available for weed uptake, is determined primarily by soil type, organic matter, and soil pH. RightLine LOYALTY 10XT adsorbs to the clay and organic matter fractions of soils; effectively limiting the amount of active ingredient immediately available to control weeds. Soils typically increase in clay content through the series from coarse to fine as noted in the following Soil Classification Chart (Table 1).

Table 1. SOIL CLASSIFICATION CHART

COARSE	MEDIUM	FINE
Sand	Sandy clay loam	Silty clay loam
Loamy sand	Sandy clay Loam	Silty clay
Sandy loam	Silt loam	Clay loam
	Silt	Clay

Soil organic matter content can vary widely and independently of soil type and requires an accurate analysis of representative soil samples to determine its content.

Do not use this product on coarse soils classified as sand which have less than 1% organic matter.

Soil pH also exerts a dramatic affect on RightLine LOYALTY 10XT availability in the soil solution. As soil pH increases, RightLine LOYALTY 10XT availability increases. Accurate soil pH information will require an accurate analysis of representative soil samples.

The total amount of RightLine LOYALTY 10XT available, in any given soil, is determined by the interaction of soil type (clay content), % organic matter, and pH. The application timing (relative to the emergence of the crop and weeds) and amount of rainfall and/or irrigation received will ultimately determine, in conjunction with the soil parameters and pH, the amount of RightLine LOYALTY 10XT in soil solution.

Irrigation with highly alkaline water (high pH) following a RightLine LOYALTY 10XT soil application can also significantly increase the amount of RightLine LOYALTY 10XT available in the soil solution. Irrigation with water having a pH greater than 7.5 could result in adverse crop response. This response will ultimately depend on initial RightLine LOYALTY 10XT application rate, timing, amount and pH of irrigation water and sensitivity of the crop and its growth stage when irrigated. The risk of adverse crop response will lessen with the advance in growth stage among most crops.

The following Crop Specific Use Directions have been designed with specific RightLine LOYALTY 10XT instructions for each crop based on the soil type, soil organic matter, and soil pH interactions described above. The user is cautioned that crop tolerance and weed control performance are based on strict adherence to these use directions.

MIXING AND LOADING INSTRUCTIONS

Water may be used as the carrier for RightLine LOYALTY 10XT when applied alone or in tank mixtures with other registered herbicides. Conduct a jar test to determine the compatibility of RightLine LOYALTY 10XT.

RightLine LOYALTY 10XT Applied Alone

Select the proper RightLine LOYALTY 10XT application rate from the following tables in the non-agricultural use section of this label. Fill the spray tank with approximately one-half of the volume of water needed for the area being treated. With agitator operating, add the required amount of RightLine LOYALTY 10XT for area being treated by opening the bottle(s) and measuring directly into the spray tank. Allow the product to fully disperse. Complete the addition of spray water. Maintain agitation during filling, mixing and application. Apply the RightLine LOYALTY 10XT spray mixture immediately after mixing.

Do not store spray mixture.

RightLine LOYALTY 10XT Applied in Tank Mix Combination

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions, limitations, and directions for use on all product labels involved in the tank mixture. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. To ensure product compatibility, a jar test should be conducted before large volume mixing (see MIXTURE COMPATIBILITY TESTING chart below). Provided the jar test indicates the mixture is compatible, prepare the tank mixture as follows.

Fill the spray tank with approximately one-half of the volume of water needed for the area being treated. With agitator operating, add the required amount of RightLine LOYALTY 10XT for the area being treated by opening the bottle(s) and measuring directly into the spray tank. Allow the product to fully disperse. If more than one product is to be used, add each separately using the following sequence: dry formulations (e.g., wettable powders, dry flowables) first, RightLine LOYALTY 10XT and other liquid suspensions (e.g., flowables) next and finally liquids (e.g., EC's). Allow time for complete mixing and dispersion after each addition, adding water as necessary. Complete the addition of spray water. Maintain agitation during filling, mixing and application. Use RightLine LOYALTY 10XT tank mixtures immediately after mixing.

Do not store tank mixtures.

PROPER HANDLING INSTRUCTIONS

This product must be used in a manner which will prevent back siphoning into wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

This product must not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas. Operations that involve mixing, loading rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or wash water, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

USE RESTRICTIONS:

- Do not apply this product through any type of irrigation system.

APPLICATION INFORMATION

Ground Application

Use a boom and/or nozzle sprayer equipped with the appropriate nozzles and screens and adjusted to provide optimum spray distribution and coverage at the appropriate operating pressures. Use nozzles that produce minimal amounts of fine spray droplets. Do not exceed 30 psi spray pressure unless otherwise required by the manufacturer of drift reducing nozzles. Apply a minimum of 10 gallons of finished spray per acre. Use higher spray volumes when there is a dense weed population. Thorough coverage is essential for control of susceptible broadleaf weeds. Be aware that overlaps and slower ground speeds while starting, stopping, or turning while spraying may result in excessive application and subsequent crop response.

Continuous agitation is required until all spray mixture has been applied. Avoid swath overlaps. Shut off spray booms while turning, slowing or stopping, as over application may result. Do not allow RightLine LOYALTY 10XT spray mixtures to sit overnight as settling of product and difficulty of re-suspending may occur.

To avoid injury to sensitive crops, spray equipment used for RightLine LOYALTY 10XT applications must be drained and thoroughly cleaned with water plus ammonia before being used to apply other products. See Spray Clean-out section.

Avoid all direct, and/or indirect spray contact with non-target plants. Do not apply near desirable vegetation. Allow adequate distance between target area and desirable plants to minimize exposure.

Do not apply when wind speed favors drift beyond the area of treatment.

Aerial Application

Apply sufficient spray volume to achieve adequate coverage.

Aerial Application Use Restrictions

- Aerial application is allowed only when environmental conditions prohibit ground application.
- When this product is allowed to be applied by air, applicator must use a minimum finished spray volume of 5 gallons per acre.
- The release height must be no higher than 10 feet from the top of the crop canopy, unless a greater application height is required for pilot safety.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

Runoff and Wind Erosion Precautions

Do not apply under conditions which favor runoff or wind erosion of soil containing RightLine LOYALTY 10XT to non-target areas.

To prevent off-site movement due to runoff or wind erosion:

- Avoid treating powdery dry or light sandy soils when conditions are favorable for wind erosion. Under these conditions, allow the soil surface to be settled by rainfall or irrigation.
- Do not apply to impervious substrates such as paved or highly compacted surfaces or frozen or snow covered ground.
- Do not apply to soils when saturated with water.

SPRAY DRIFT RESTRICTIONS

GROUND APPLICATIONS:

- For ground boom applications, apply with the nozzle height no more than 2 feet above the ground or crop canopy. For all other ground applications, the nozzle must be no more than 4 feet from the target vegetation.
- Ground applicators must use a minimum finished spray volume of 10 gallons per acre.

- When this product is tank mixed with a contact burndown herbicide, ground applicators must use a minimum spray volume of 15 gallons per acre.
- Select nozzles and application pressure that deliver medium to coarse or larger spray droplets as indicated in the nozzle manufacturer's recommendations and in accordance with ASABE* Standard S-572.
- Select coarse to very coarse droplet size when this product is used as a preemergent/pre plant application.
- Select medium to very coarse droplet size when this product is used postemergence with a contact burndown herbicide.
- Applicators may spray only when wind speed is between 3 and 10 mph.
- Do not apply as spray droplets smaller than medium (defined by the ASABE* standard).

AERIAL APPLICATIONS:

- Aerial application is allowed only when environmental conditions prohibit ground application.
- For aerial applications, the maximum release height must be 10 feet from the top of the crop canopy, unless a greater application height is required for pilot safety.
- When this product is allowed to be applied by air, applicator must use a minimum finished spray volume of 5 gallons per acre.
- Select nozzles and application pressure that deliver medium to coarse or larger spray droplets as indicated in the nozzle manufacturer's recommendations and in accordance with ASABE* Standard S-572.
- Select coarse to very coarse droplet size when this product is used as a preemergent/preplant application.
- Select medium to very coarse droplet size when this product is used postemergence with a contact burndown herbicide.
- Applicators may spray only when wind speed is between 3 and 10 mph.
- Do not apply as spray droplets smaller than medium (defined by the ASABE* standard).
- For aerial applications, the distance of the outer most nozzles on the boom must not exceed 75% of the length of the wingspan or 90% of the rotor diameter. To further reduce drift, use on half of the length of the wingspan or rotor diameter at the edge of the field.
- Applicators must not spray during temperature inversions.

*ASABE – American Society for Agricultural and Biological Engineers.

The following drift management requirements must be followed to avoid off target movement from aerial applications. These requirements do not apply to forestry applications, public health uses or to applications of dry materials.

1. For aerial applications, the distance of the outer most nozzles on the boom must not exceed 75% of the length of the wingspan or 90% of the rotor diameter. To further reduce drift, use on half of the length of the wingspan or rotor diameter at the edge of the field.
2. Nozzles must always point backward, parallel with the air stream, and never be pointed downwards more than 45 degrees.
3. Observe the regulations of the State where applications are made.

SPRAY DRIFT REDUCTION ADVISORIES

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR AND THE GROWER. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

Carfentrazone-ethyl is a contact herbicide. Avoid any drift conditions that would allow the product to contact desirable vegetation. Carfentrazone-ethyl is not volatile; however, mist from spray drift may cause injury to sensitive plants.

The interaction of equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target movement from applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses, or to applications of dry materials. Where states have more stringent regulations, they must be observed.

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

For all non-aerial applications, wind speed must be measured adjacent to the application site, on the upwind side, immediately prior to application.

Information on Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that will provide sufficient coverage for pesticide performance. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (See Wind, Temperature and Humidity and Temperature Inversions).

Controlling Spray Droplet Size

Volume – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows usually produce larger droplets.

Pressure – Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

Number of Nozzles – Use the minimum number of nozzles that provide uniform coverage.

Nozzle Orientation – For aerial application, the required practice is to orient nozzles so that the spray is released parallel to the airstream. This orientation usually produces larger droplets as compared to other nozzle orientations. Significant nozzle deflection from horizontal will reduce droplet size and increase drift potential.

Nozzle Type – Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low drift nozzles for both ground and aerial applications. Solid stream nozzles oriented straight back usually produce the largest droplets and the lowest drift potential in aerial applications.

Boom Length – For some aerial use patterns, reducing the effective boom length to less than $\frac{3}{4}$ of the wingspan or rotor length may further reduce drift without reducing swath width.

Application Height – Making applications at the lowest height practical reduces exposure of spray droplets to evaporation and wind movement.

Swath Adjustment – When aerial applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the upwind and downwind edges of the field, the applicator must compensate for this displacement by the path of the aircraft upwind. Swath adjustment or offset distance must increase when conditions favor increased drift potential (higher wind, smaller droplets, etc.)

Drift Reduction Technology (DRT) – The EPA Drift Reduction Technology (DRT) Program was developed to encourage the manufacture, marketing, and use of spray technologies scientifically verified to significantly reduce pesticide drift. The use of DRTs should result in significantly less pesticide from spray applications drifting and being deposited in areas not targeted by those applications, compared to spray technologies that do not meet the minimum

DRT standard. EPA-verified drift reduction technologies (DRTs) and their ratings will be added to the following webpage as they become available: <https://www.epa.gov/reducing-pesticide-drift/epa-verified-and-rated-drift-reduction-technologies>.

Wind – Drift potentials are lowest between wind speeds of 3 to 10 miles per hour. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. Applications in wind conditions outside of this range could increase the risk of off-target effects and should be avoided. Note that local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

Temperature and Humidity - When making applications in conditions of low relative humidity set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions – Do not apply RightLine LOYALTY 10XT during temperature inversions because the drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the following morning. Their presence can be indicated by ground fog. However, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or a smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicate an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Sensitive Areas – Only apply when the wind is blowing away from adjacent sensitive areas (e.g. residential areas, bodies of water, known habitats for threatened or endangered species and non-target crops).

Off-Target Movement of RightLine LOYALTY 10XT – Drift of dilute spray mixtures containing RightLine LOYALTY 10XT must be prevented. Observation of the preceding environmental conditions, correct application equipment design, calibration and application practices will significantly diminish the risk of off-target spray drift. RightLine LOYALTY 10XT can cause significant symptomology by drift on to sensitive crops and other plants. This symptomology may manifest initially as discreet, localized spots where contact by RightLine LOYALTY 10XT drift mixtures. Depending on concentration of the spray solution and droplet size (effectively determining the concentration of RightLine LOYALTY 10XT) and also depending on the inherent sensitivity of the plants involved, these spots or lesions may not coalesce. These effects will usually not have lasting effects on plant growth, but will likely

reduce the value of affected fruit or foliage where grade or quality is associated with appearance. In severe drift instances with particularly sensitive crops, defoliation of affected foliage could result. Failure to follow these guidelines and environmental prohibitions that then result in off-target movement or drift of RightLine LOYALTY 10XT on to unintended crops or plants, irrespective of severity, constitutes misapplication of this product. To the extent consistent with applicable law, RightLine, LLC accepts no responsibility or liability for potential crop effects that may result from such misapplication of RightLine LOYALTY 10XT.

SPRAY EQUIPMENT CLEAN-OUT

After spraying RightLine LOYALTY 10XT and before using sprayer equipment for any other applications, the sprayer must be thoroughly cleaned using the following procedure.

1. Drain sprayer tank, hoses, and spray boom and thoroughly rinse the inside of the sprayer tank with clean water to remove sediment and residues. Thoroughly flush sprayer hoses, boom and nozzles with clean water.
2. Fill the tank 1/2 full with clean water, and add appropriate detergent or ammonia (follow manufacturer's directions for use). Fill the tank to capacity and operate the sprayer for 15 minutes to flush hoses, boom, and nozzles.
3. Convenient and thorough cleaning of the sprayer can be achieved if the cleaning solution is left in the spray tank, hoses, spray booms and spray nozzles overnight or during storage.
4. Before using the sprayer, drain the spray system. Rinse the tank with clean water and flush through the hoses, boom, and nozzles. Remove and clean spray tips and screens separately with the detergent or ammonia solution.
5. Properly dispose of all cleaning solution and rinsate in accordance with Federal, State and local regulations and guidelines.

Do not drain or flush equipment on or near desirable trees or plants.

Do not contaminate any body of water including irrigation water that may be used on other crops.

Should small quantities of RightLine LOYALTY 10XT remain in inadequately cleaned mixing, loading and/or spray equipment, they may be released during subsequent applications potentially causing effects to certain crops and other vegetation. To the extent consistent with applicable law, RightLine, LLC accepts no liability for any effects due to inadequately cleaned equipment.

Table 3: MAXIMUM ALLOWABLE RightLine LOYALTY 10XT USE PER ACRE PER 12 MONTH PERIOD*

Crop	Fluid Ounces RightLine LOYALTY 10XT Per Acre	Pounds Active RightLine LOYALTY 10XT Per Acre
Sod production	15.2	0.041 lb ai CARF/0.374 lb ai SFZ

*The total allowed usage per twelve-month period includes all applications made to the field per twelve-month interval. This includes fallow treatments, burndown treatments, planting time and all in-season treatments. The twelve-month period is considered to begin upon the initial RightLine LOYALTY 10XT application.

Table 4: RATE CONVERSION CHART

RightLine LOYALTY 10XT		CARFENTRAZONE-ETHYL	SULFENTRAZONE
Product fl oz/A	lb. ai*	lb. ai	lb. ai
3.75	0.10	0.01	0.09
5.75	0.15	0.015	0.14
8.50	0.23	0.02	0.21
10.20	0.28	0.03	0.25
15.25	0.41	0.04	0.37

* Total pounds active of sulfentrazone + carfentrazone-ethyl

WEED CONTROL IN TURFGRASSES AND SOD PRODUCTION

RightLine LOYALTY 10XT may be applied to established seeded, sodded or sprigged turfgrasses that are well established. First application of RightLine LOYALTY 10XT to newly seeded, sodded, or sprigged turfgrass can be made following the second mowing provided the grass has developed a uniform stand with a good root system to fill in the exposed edges prior to application. Turfgrass injury could result from application of this product on turfgrass that is not well established or has been weakened by stresses such as unfavorable weather conditions, diseases, chemical, recent harvesting or mechanical influences.

Turf Grass Resistance

When applied as directed, the following established turf grasses are resistant to RightLine LOYALTY 10XT herbicide at the listed use rates.

Table 33 RESISTANT GRASSES

Grass Type	Maximum Use Rate For Single Application
Cool Season Grasses **	Fl oz (lb ai) RightLine LOYALTY 10XT Per Acre
Bentgrass, creeping	5.1 (0.014 lb ai CARF/0.125 lb ai SFZ)
Fescue, fine* (<i>Festuca rubra</i>) Fescue, tall* (<i>Festuca arundinacea</i>) Ryegrass, perennial (<i>Lolium perenne</i>) Bluegrass, Kentucky (<i>Poa pratensis</i>) Bluegrass, Rough (<i>Poa trivialis</i>)	5.1(0.014 lb ai CARF/0.125 lb ai SFZ)-10.2(0.027 lb ai CARF/0.251 lb ai SFZ)
Warm Season Grasses **	
Bahigrass (<i>Paspalum notatum</i>) Buffalograss (<i>Buchloe dactyloides</i>) Carpetgrass (<i>Axonopus affinis</i>) Centipedegrass (<i>Eremochloa ophiuoides</i>) Kikuyugrass (<i>Pennisetum clandestinum</i>) Seashore Paspalum (<i>Paspalum vaginatum</i>) Zoysiagrass (<i>Zoysia japonica</i>) Bermudagrass (<i>Cynodon dactylon</i>) Bermudagrass Hybrids (<i>Cyn Bluegrass</i>) St. Augustinegrass (<i>Stenotaphrum secundatum</i>)	10.2(0.027 lb ai CARF/0.251 lb ai SFZ)-15.2(0.041 lb ai CARF/0.374 lb ai SFZ)

* Applications of RightLine LOYALTY 10XT to certain varieties of Chewings Fine Fescue or Tall Fescue may result in undesirable plant response.

** It is important to note that not all varieties or cultivars have been evaluated under treatment with RightLine LOYALTY 10XT. Consult university or extension weed management specialists for additional information on specific local varieties or cultivars and any other pertinent information on RightLine LOYALTY 10XT under specific local conditions. Turfgrass managers desiring to treat newly released varieties should first apply RightLine LOYALTY 10XT to a small area prior to treatment of larger areas.

Treated turfgrass will recover with new growth. Discolored leaf tissue will be removed with mowing. To reduce potential for discoloration, do not apply RightLine LOYALTY 10XT on turfgrass that is weakened by weather, mechanical, chemical, disease or other related stress. Maintain proper cultural practices such as adequate moisture and fertility levels to promote healthy turf growth.

Applications to Reseeded, Overseeded or Sprigged Areas

Reseeding, overseeding or sprigging may be done following RightLine LOYALTY 10XT applications to turfgrasses. If reseeding, overseeding or sprigging is done within 1 month following a RightLine LOYALTY 10XT treatment, the establishment of desirable grasses may be inhibited. Overseeding of bermudagrass with perennial ryegrass may be done two (2) to four (4) weeks following a RightLine LOYALTY 10XT application provided slight grass plant response can be tolerated.

Optimum reseeding and overseeding results may be obtained with the use of mechanical or power seeding equipment, and where proper soil cultivation, irrigation and fertilization practices are followed.

Sod Production

This product may be applied to established sod. Allow sod to establish a good root system, a uniform stand and to fill in the exposed edges. It is recommended that sod be established for up to three (3) months before an application of RightLine LOYALTY 10XT. Do not apply this product within three (3) months of harvest.

Adjuvant use

Good spray coverage is required for optimum control of weeds. Temporary discoloration of some sod species may result from use of surfactant. Use of surfactants is not recommended.

Postemergence Control of Sedges

RightLine LOYALTY 10XT may be applied at the rate of 5.1 to 15.2 fluid ounces (0.014-0.041 lb CARF/0.125-0.374 lb ai SFZ) per acre to established turf grasses for the control or suppression of sedges. Select the correct RightLine LOYALTY 10XT use rate from Table 33. Rates lower than 10.2 fl oz (0.027 lb ai CARF/0.251 lb ai SFZ) per acre will generally control sedges for up to 60 days. Yellow nutsedge (*Cyperus esculentus*) is the most susceptible sedge species.

Good spray coverage is needed for optimum control of sedges.

When applied as directed, RightLine LOYALTY 10XT will provide control or suppression of the following sedges.

Table 34: CONTROL OR SUPPRESSION OF SEDGES

Common Name	Scientific Name
Kyllinga, green	<i>Kyllinga brevifolia</i>
Kyllinga, false green	<i>Kyllinga gracillima</i>
Nutsedge, purple	<i>Cyperus rotundus</i>
Nutsedge, yellow	<i>Cyperus esculentus</i>
Sedge, cylindrical	<i>Cyperus retrorsus</i>
Sedge, globe	<i>Cyperus globulosus</i>
Sedge, Surinam	<i>Cyperus surinamensis</i>
Sedge, Texas	<i>Cyperus polystachyos</i>

Purple nutsedge: For optimum control of purple nutsedge, split applications are listed below. Apply 5.1-10 ounces (0.014 – 0.026 lb ai CARF/0.125 – 0.246 lb ai SFZ) per acre as an initial application followed by a second application when evidence of actively growing purple nutsedge is visible. Do not exceed the maximum rate per acre based on the turf variety as listed in Table 33; resistant grasses.

Table 35: Split Application Rates for Optimum Purple Nutsedge Control

Grass Type	First Application (fl. oz per acre)	Second Application (fl. oz per acre)
Cool Season Grasses	2.5-5.1	2.5-7.6
Warm Season Grasses	5.1-7.6	5.1-7.6
2.5 Fl oz = 0.007 lb ai CARF/0.062 lb ai SFZ 5.1 Fl oz = 0.014 lb ai CARF/0.125 lb ai SFZ 7.6 Fl oz = 0.021 lb ai CARF/0.187 lb ai SFZ		

Allow 35 days after first application for second application.

Postemergence Control of Grassy Weeds

RightLine LOYALTY 10XT will control or suppress specific annual grasses (Table 36) when applied at a rate of 5.1 to 15.2 fl oz (0.014-0.041 lb ai CARF/0.125-0.374 lb ai SFZ) per acre . Apply the highest rate consistent with the rate needed for turfgrass tolerance in Table 33. Rates lower than 12 fl oz (0.032 lb CARF/0.295 lb ai SFZ) per acre will generally control grasses for at least 60 days. RightLine LOYALTY 10XT works best if applied when the annual grasses are small (pre tiller stage) and actively growing.

Table 36: GRASSY WEED CONTROL

Common Name	Scientific Name	Controlled	Suppressed
Goosegrass	<i>Eleusine indica</i>	2	
Crabgrass (Large and Smooth)	<i>Digitaria</i> spp.	1	
Barnyardgrass	<i>Echinochloa crusgalli</i>	1	
Dallisgrass	<i>Paspalum dilatatum</i>		X
Deergrass	<i>Panicum cladestinum</i>	1	
Torpedograss	<i>Panicum repens</i> L.	1	x

Postemergence Control of Broadleaf Weeds

RightLine LOYALTY 10XT herbicide will control or suppress the weeds listed in the broadleaf chart below when applied alone shortly after weeds have emerged. RightLine LOYALTY 10XT may be applied at the rate of 5.1 to 15.2 fluid ounces per acre (0.117 to 0.350 fl oz./1,000 sq. ft.) to established turf grasses for the control or suppression of broadleaf weeds. Select the correct RightLine LOYALTY 10XT use rate from Table 33. For optimum results, make RightLine LOYALTY 10XT applications shortly after weeds have emerged.

RightLine LOYALTY 10XT may be tankmixed with other herbicides, insecticides and fungicides registered for use on turfgrasses. Read and follow the label directions and restrictions of the tank mix partner to determine turfgrass specie tolerance, use rates and application requirements. Follow all label restrictions, use directions and precautionary statements before use.

When applied as directed, RightLine LOYALTY 10XT will provide control or suppression of the following broadleaf weeds.

Table 37: BROADLEAF WEED SUPPRESSION

Broadleaves	Scientific Name	Controlled	Suppressed
Bedstraw	<i>Galium aparine</i> L.		X
Bittercress	<i>Cardamine</i> spp.		X
Black Medic	<i>Medicago lupulina</i>	1	
Buttercup	<i>Ranunculus</i> spp.		X
Buttonweed	<i>Malva neglecta</i> Wallr		X
Carolina geranium	<i>Geranium carolinianum</i>	1	

(continued)

Broadleaves	Scientific Name	Controlled	Suppressed
Carpetweed	<i>Mollugo verticillata</i>	1	
Chickweed, common	<i>Stellaria media</i>	1	
Chickweed, mouseear	<i>Cerastium vulgatum</i>		X
Cinquefoil	<i>Potentilla</i> spp.		X
Clover	<i>Trifolium</i> spp.		X
Cudweed	<i>Gnaphalium</i> spp.		X
Dandelion	<i>Taraxacum officinale</i>		X
Dock, curly	<i>Rumex crispus</i>		X
Dollar Weed	<i>Hydrocotyle</i> spp.	1	
Eclipta	<i>Eclipta</i> spp.	1	
Evening primrose	<i>Oenothera biennis</i>		X
Fiddleneck	<i>Amsinckia</i> spp.	1	
Filaree	<i>Erodium</i> spp.	1	
Florida Pusley	<i>Richardia Scabra</i>		
Foxtail Spp.	<i>Setaria</i> spp.	1	
Garlic, wild	<i>Allium vineale</i>		X
Goldenrod	<i>Solidago</i> spp.	1	
Ground ivy	<i>Glechema hederacea</i>	1	
Henbit	<i>Lamium amplexicaule</i>	1	
Knotweed, prostrate	<i>Polygonum aviculare</i>		X
Kochia	<i>Kochia scoparia</i>	1	
Lambsquarters, common	<i>Chenopodium album</i>	1	
Lawn burweed	<i>Soliva pterosperma</i>		X
Lespedeza, common	<i>Lespedeza striata</i>		X
Mallow, common	<i>Malva neglecta</i>	2	
Morningglory	<i>Ipomea</i> spp.	1	
Mustard, wild	<i>Brassica kaber</i>	1	
Onion, wild	<i>Allium canadense</i>		X
Parsley piert	<i>Alchemilla arvensis</i>	1	
Pigweed, redroot	<i>Amaranthus retroflexus</i>	1	

Broadleaves	Scientific Name	Controlled	Suppressed
Pigweed, tumble	<i>Amaranthus albus</i>	1	
Pineapple weed	<i>Matricaria matricarioides</i>		X
Plantain, broadleaf	<i>Plantago major</i>		X
Plantain, buckhorn	<i>Plantago lanceolata</i>		X
Puncture weed	<i>Tribulus terrestris</i>		X
Purslane, common	<i>Portulaca oleracea</i>		X
Pusley, Florida	<i>Richardia scabra</i>	1	
Redweed	<i>Melochia corchorifolia</i>		X
Rocket, London	<i>Sisymbrium irio</i>	1	
Signalgrass, broadleaf	<i>Brachiaria platyphylla</i>		X
Smartweed, PA	<i>Polygonum pensylvanicum</i>	1	
Sorrel, red	<i>Rumex acetosella</i>		X
Speedwell	<i>Veronica</i> spp.	1	
Spurge, annual	<i>Euphorbia</i> spp.	1	
Spurge, prostrate	<i>Euphorbia humistrata</i>	1	
Spurge, spotted	<i>Euphorbia maculata</i>	1	
Star of Bethlehem	<i>Ornithogalum umbellatum</i>	1	
Velvetleaf	<i>Abutilon theophrasti</i>		X
Violet, wild	<i>Viola pratensis</i>	1	
Woodsorrel, creeping	<i>Oxalis corniculata</i>		X
Woodsorrel, yellow	<i>Oxalis stricta</i>	1	

1. Weeds are suppressed at lower label rates (<8.5 fl. oz./acre). For optimum control apply rates of at least 10.2 fl oz./A in a single application. Do not exceed the application rate specified for the turf species in Table 33.
2. RightLine LOYALTY 10XT controls this weed when applied post emergent to newly emerged weeds in the 1-4 leaf stage of development. RightLine LOYALTY 10XT provides best control when applied to small activity growing weeds.

Precautions

The use of additional surfactants may cause temporary undesirable effects to turfgrasses. It is not advisable to apply to turfgrasses under stress from drought, extreme temperature changes, disease or insect pressure, as turf damage may occur.

Temporary turfgrass discoloration has been observed when trinexapac-ethyl products have been either tank-mixed or applied within 7 days of a RightLine LOYALTY 10XT application. It is recommended that trinexapac-ethyl applications be made 7 days prior to, or after RightLine LOYALTY 10XT application to reduce risk of turfgrass discoloration.

Turfgrass discoloration may occur when RightLine LOYALTY 10XT is applied under environmental conditions favoring frost. Discoloration may be more severe in shaded areas, or low-lying areas where frost may persist. To minimize potential adverse effects, avoid RightLine LOYALTY 10XT applications in late fall or early spring.

Restrictions

Sod production areas must be established three (3) months prior to the initial treatment of RightLine LOYALTY 10XT.

Do not apply RightLine LOYALTY 10XT to golf course greens, collars or tees.

Do apply RightLine LOYALTY 10XT to turf grasses not listed on this label.

Do not apply more than 15.2 fluid ounces (0.041 lb ai CARF/0.374 lb ai SFZ) per acre of RightLine LOYALTY 10XT per acre per twelve-month period. The twelve-month period is considered to begin upon the initial RightLine LOYALTY 10XT application.

Do not apply more than 15.2 fluid ounces (0.041 lb ai CARF/0.374 lb ai SFZ) per acre in a single application.

Do not apply more than 3 applications per year when using reduced application rate equal or less than 5.07 fluid ounces per acre of this product.

Do not apply with surfactants without on-site evaluations for spray mixture compatibility and physical effects to turf grasses.

Do not graze or feed forage harvested from RightLine LOYALTY 10XT treated areas.

Do not apply to landscape ornamental plants or ornamental beds.

Do not allow spray drift to contact landscape ornamentals, shrubs, and trees.

Do not harvest sod within three (3) months of RightLine LOYALTY 10XT application

WEED CONTROL IN NON-CROP SITES

INTEGRATED VEGETATION MANAGEMENT (IVM) USE INSTRUCTIONS

Railroad Rights-of-Way

RightLine LOYALTY 10XT can be used to control many weeds and maintain bare ground on railroad rights-of-way, including railroad yards, railroad crossings and railroad bridge abutments.

Highway, Roadside, Pipeline and Utility Rights-of-Way.

RightLine LOYALTY 10XT can be used to control many weeds and maintain bare ground in highway, roadside, pipeline and utility rights-of-way. Such areas would include, but are not limited to, guard rails, road shoulders, electric utility substations, pipeline pumping stations, around electric transmission towers, around distribution line poles and in other areas where complete vegetation control is desired.

Industrial Areas, Fence Rows and Other Non-crop Sites

RightLine LOYALTY 10XT controls weeds and maintains bare ground in industrial areas including production facilities, tank farms, storage areas, parking areas, lumber yards, airports, military installations, along fence rows, and in similar non-crop sites where complete vegetation control is needed.

Method and Rate of Application

For residual control of germinating weeds in non-crop land, apply this product as a broadcast treatment at 10.2 to 15.2 fluid ounces (0.027 – 0.041 lb ai CARF/0.251 – 0.374 lb ai SFZ) per acre by ground in a minimum of 10 gallons of spray solution per acre. Applications may be made by helicopter on railroad rights-of-way only.

Use labeled rates of burndown herbicides such as glyphosate, glyphosate – trimesium, diquat, 2,4-D, dicamba, etc. as tank mixtures with RightLine LOYALTY 10XT. Use recommended adjuvants for the herbicide tank mix partner. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions, limitations, and directions for use on all product labels involved in the tank mixture. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Timing

For best results, apply RightLine LOYALTY 10XT alone or in combination with other herbicides for residual control of weeds in late summer, fall, or early spring to ensure adequate moisture for soil activation.

Weeds Controlled

This product, when applied at 10.2 to 15.2 fluid ounces (0.027 – 0.041 lb ai CARF/0.251 – 0.374 lb ai SFZ) per acre, will control the following weeds in non-cropland areas. Use the higher labeled rates to extend length of control. Use the higher rates on sites with fine soil textures and on sites with more than 2% organic matter.

Weeds Controlled or Suppressed by RightLine LOYALTY 10XT

Table 38: NON-CROPLAND WEED CONTROL

Broadleaves	Scientific Name	Controlled	Suppressed
Barnyardgrass	<i>Echinochloa crusgalli</i>	1	
Bedstraw	<i>Galium aparine L.</i>		X
Bittercress	<i>Cardamine</i> spp.		X
Black Medic	<i>Medicago lupulina</i>	1	
Buttercup	<i>Ranunculus</i> spp.		X
Buttonweed	<i>Malva neglecta Wallr</i>		X

(continued)

Broadleaves	Scientific Name	Controlled	Suppressed
Carolina geranium	<i>Geranium carolinianum</i>	1	
Carpetweed	<i>Mollugo verticillata</i>	1	
Chickweed, common	<i>Stellaria media</i>	1	
Chickweed, mouseear	<i>Cerastium vulgatum</i>		X
Cinquefoil	<i>Potentilla</i> spp.		X
Clover	<i>Trifolium</i> spp.		X
Crabgrass (Large and Smooth)	<i>Digitaria</i> spp.	1	
Cudweed	<i>Gnaphalium</i> spp.		X
Dallisgrass	<i>Paspalum dilatatum</i>		X
Dandelion	<i>Taraxacum officinale</i>		X
Deergrass	<i>Panicum cladestinum</i>	1	
Dock, curly	<i>Rumex crispus</i>		X
Dollar Weed	<i>Hydrocotyle</i> spp.	1	
Eclipta	<i>Eclipta</i> spp.	1	
Evening primrose	<i>Oenothera biennis</i>		X
Fiddleneck	<i>Amsinckia</i> spp.	1	
Filaree	<i>Erodium</i> spp.	1	
Florida Pusley	<i>Richardia Scabra</i>		
Foxtail Spp.	<i>Setaria</i> spp.	1	
Garlic, wild	<i>Allium vineale</i>		X
Goosegrass	<i>Eleusine indica</i>	2	
Goldenrod	<i>Solidago</i> spp.	1	
Ground ivy	<i>Glechema hederacea</i>	1	
Henbit	<i>Lamium amplexicaule</i>	1	
Knotweed, prostrate	<i>Polygonum aviculare</i>		X
Kochia	<i>Kochia scoparia</i>	1	
Lambsquarters, common	<i>Chenopodium album</i>	1	
Lawn burweed	<i>Soliva pterosperma</i>		X
Lespedeza, common	<i>Lespedeza striata</i>		X
London Rocket	<i>Sisymbrium irio</i>	1	

Broadleaves	Scientific Name	Controlled	Suppressed
Mallow, common	<i>Malva neglecta</i>	2	
Morningglory	<i>Ipomea</i> spp.	1	
Mustard, wild	<i>Brassica kaber</i>	1	
Nutsedge, Yellow	<i>Cyperus esculentus</i>	1	
Onion, wild	<i>Allium canadense</i>		X
Parsley piert	<i>Alchemilla arvensis</i>	1	
Pigweed, redroot	<i>Amaranthus retroflexus</i>	1	
Pigweed, tumble	<i>Amaranthus albus</i>	1	
Pineapple weed	<i>Matricaria matricarioides</i>		X
Plantain, broadleaf	<i>Plantago major</i>		X
Plantain, buckhorn	<i>Plantago lanceolata</i>		X
Puncture weed	<i>Tribulus terrestris</i>		X
Purslane, common	<i>Portulaca oleracea</i>		X
Pusley, Florida	<i>Richardia scabra</i>	1	
Redweed	<i>Melochia corchorifolia</i>		X
Signalgrass, broadleaf	<i>Brachiaria platyphylla</i>		X
Smartweed, PA	<i>Polygonum pensylvanicum</i>	1	
Sorrel, red	<i>Rumex acetosella</i>		X
Speedwell	<i>Veronica</i> spp.	1	
Spurge, annual	<i>Euphorbia</i> spp.	1	
Spurge, prostrate	<i>Euphorbia humistrata</i>	1	
Spurge, spotted	<i>Euphorbia maculata</i>	1	
Star of Bethlehem	<i>Ornithogalum umbellatum</i>	1	
Torpedograss	<i>Panicum repens</i> L.		X
Velvetleaf	<i>Abutilon theophrasti</i>		X
Violet, wild	<i>Viola pratincola</i>	1	
Woodsorrel, creeping	<i>Oxalis corniculata</i>		X
Woodsorrel, yellow	<i>Oxalis stricta</i>	1	

1. Weeds are suppressed at lower label rates (<8.5 fl.oz/acre). For optimum control apply rates of at least 10.2 fl oz./A in a single application. Do not exceed the application rate specified for the turf species in Table 33.
2. RightLine LOYALTY 10XT controls this weed when applied post emergent to newly emerged weeds in the 1-4 leaf stage of development. RightLine LOYALTY 10XT provides best control when applied to small activity growing weeds.

Restrictions:

- Applications may be made by helicopter on railroad rights-of-way only.
- Do not apply directly to landscape ornamentals or ornamental beds.
- Do not allow spray drift to contact landscape ornamentals, shrubs and trees.
- Do not apply more than 15.2 fluid ounces (0.041 lb ai CARF/0.374 lb ai SFZ) per acre of RightLine LOYALTY 10XT per acre per twelve-month period. The twelve-month period is considered to begin upon the initial RightLine LOYALTY 10XT application.
- Do not apply more than 15.2 fluid ounces (0.041 lb ai CARF/0.374 lb ai SFZ) per acre in a single application.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage

Store product in original container only, away from other pesticides, fertilizer, food or feed. Store in a cool dry place and avoid excess heat. Do not store below 32F degrees.

In Case of Spill

Avoid contact. Isolate areas and keep out animals and unprotected persons.

To Confine Spills

Dike surrounding area, sweep up spillage, dispose of in accordance with information given under Pesticide Disposal. Wash spill area with water, absorb with sand, cat litter or commercial clay, sweep up and dispose of in an approved manner. Place damaged container in a large holding container. Identify contents per required hazardous waste labeling regulations.

(continued)

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Handling

NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY**. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of RightLine, LLC. All such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, RightLine, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of RightLine, LLC is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, RightLine, LLC disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at RightLine, LLC's election, the replacement of product.

EPA 20230315

