



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 2, 2021

Jeffrey H. Birk, Ph.D.
Regulatory Manager
BASF
26 Davis Drive
Research Triangle Park, NC 27709

Subject: Registration Review Label Mitigation for Diflufenzopyr
Product Name: BAS 654 02H HERBICIDE
EPA Registration Number: 7969-260
Application Dates: May 6, 2019
Decision Numbers: 567985

Dear Dr. Birk:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Diflufenzopyr Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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If you have any questions about this letter, please contact Marisa Wright by phone at (703) 347-0463, or via email at wright.marisa@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

BAS 654 02H

Herbicide

For use as a tank mixture herbicide in combination with growth regulator, bud inhibitor or auxin-like herbicides for enhanced broadleaf weed and woody plant control on non-cropland sites, grass pastures and rangeland

Active Ingredient:

Sodium salt of diflufenzopyr: 2-(1-[[[3,5-difluorophenylamino] carbonyl]-hydrazono]ethyl)-3-pyridinecarboxylic acid, sodium salt* 23.32%

Other Ingredients: 76.68%

Total: 100.00%

*This product contains 21.88% diflufenzopyr acid or 2.0 pounds diflufenzopyr acid per gallon.

EPA Reg. No. 7969-260

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

See inside for complete **First Aid, Precautionary Statements, Directions For Use, and Conditions of Sale and Warranty.**

Net Contents:

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

ACCEPTED
Apr 02, 2021
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 7969-260

BASF
We create chemistry

FIRST AID

If swallowed	<ul style="list-style-type: none">• 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 by a poison control center or doctor.• DO NOT give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.• Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eyes.• Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).	

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves
- Shoes plus socks

Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Environmental Hazards

DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate.

Endangered Species Concerns

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of federal law.

In Case of Emergency

In case of large-scale spillage regarding this product, call:
CHEMTREC 1-800-424-9300
BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment.
- Your local poison control center (hospital).
- BASF Corporation 1-800-832-HELP (4357).

Steps to be taken in case material is released or spilled:

Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove contaminated clothing and wash affected skin areas with soap and water. Wash clothing before reuse. Keep the spill out of all sewers and open bodies of water.

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 following label directions intended to minimize spray drift.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

This product is not sold for manufacturing, formulating, or reformulating purposes.

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.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 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
- Shoes plus socks

Nonagricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) 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.

Noncropland weed control is not within the scope of the Worker Protection Standard. See **General Information** in this label for a description of noncropland sites.

DO NOT enter treated areas without protective clothing until sprays have dried.

All applicable directions, restrictions, precautions and **Conditions of Sale and Warranty** are to be followed.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

Pesticide Storage. DO NOT store below 10° F.

Pesticide Disposal. Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if

available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity ≤ 5 gallons) 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 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.

Triple rinse containers too large to shake (capacity > 5 gallons) as follows:

Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

General Information

BAS 654 02H herbicide is to be used in combination with growth regulator, bud inhibitor or auxin-like herbicides. **DO NOT** apply **BAS 654 02H** alone or without a growth regulator, bud inhibitor or auxin-like herbicide. See **Growth Regulator, Bud Inhibitor or Auxin-like Herbicide Tank Mixture Recommendations**.

BAS 654 02H is a herbicide synergist for aiding in the control of broadleaf weeds and suppression or control of woody plants on noncropland sites, rights-of-way, industrial sites, grass pastures, and rangeland. Examples of noncropland sites include, but are not limited to, railroad, utility, pipeline and highway rights-of-way, railroad crossings, utility plant sites, petroleum tank farms, pumping installations, fencerows, and airports.

BAS 654 02H may be applied on noncropland and pasture/rangeland sites that contain areas of temporary surface water caused by the collection of water in equipment ruts or in other depressions created by management activities. Only the edge of drainage ditches can be treated for drainage ditches that contain water. **DO NOT** make applications to natural or manmade bodies of water such as lakes, reservoirs, ponds, streams, rivers and canals.

Mode of Action

BAS 654 02H herbicide is an auxin transport inhibitor and increases the activity of auxin-like herbicides on susceptible broadleaf plants by inhibiting the transport of natural plant auxins and auxin-like herbicides from meristematic tissues (growing points) of treated plants.

BAS 654 02H is absorbed primarily by the shoots and leaves of treated plants and is translocated to the growing points of treated plants. When combined with a growth regulator, bud inhibitor or auxin-like herbicide,

BAS 654 02H enhances the control achieved with the tank mixture herbicide(s) on sensitive broadleaf plants, including annual, biennial, perennial, and woody species.

Resistance Management

While weed resistance to herbicides is infrequent, populations of resistant biotypes are known to exist. Resistance management should be part of a diversified weed control strategy that integrates multiple options including chemical, cultural, and mechanical (tillage) control tactics. Cultural control tactics include crop rotation, proper fertilizer placement, optimum seeding rate/row spacing, and timely tillage.

To aid in the prevention of developing weeds resistant to this product, follow these steps where practical:

- Start clean with tillage or an effective burndown herbicide program.
- **DO NOT** rely on a single herbicide site of action for weed control during the growing season.
- Scout fields before application to ensure herbicides and rates will be appropriate for the weed species and weed sizes present.
- Apply full labeled rates of **BAS 654 02H** for the most difficult-to-control weed in the field at the specified time (correct weed size) to minimize weed escapes.
- Use of preemergence herbicides that provide soil residual control of broadleaf and grass weeds is recommended to reduce early season weed competition and allow for more timely in-crop postemergence herbicide applications.
- Avoid application of herbicides with the same site of action more than twice a season.
- Scout fields after application to detect weed escapes or shifts in weed species.
- Report any incidence of non-performance of this product against a particular weed species to your BASF retailer, representative.
- If resistance is suspected, treat weed escapes with a herbicide having a different mode of action and/or use non-chemical methods to remove escapes, as is practical, with the goal of preventing further seed production.
- For more information about weeds that are known to be resistant to dicamba go to www.Resistance-Information.BASF.US.

Additionally, follow as many of these herbicide resistance management practices as is practical:

- Use a broad spectrum soil-applied herbicide with other modes of action as a foundation in a weed control program.
- Utilize sequential applications of effective herbicides with alternative modes of action.
- Rotate the use of this product with herbicides having a different mode of action.
- Avoid making more than two applications of **BAS 654 02H** and any other **Group 19** herbicide within a single growing season unless mixed with another site of action with an overlapping spectrum for the difficult-to-control weeds.
- Contact your local sales representative, crop advisor, or extension agent for find out if suspected resistant weeds to these sites of action have been found in your region. **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 weed control. Some weeds may be controlled by only one of the active ingredients in this product.
- Incorporate non-chemical weed control practices, such as mechanical cultivation, crop rotation, cover crops and weed-free crop seeds, as part of an integrated weed control program.
- Thoroughly clean plant residues from equipment before and after leaving fields suspected to contain resistant weeds.
- Manage weeds in and around fields during and after harvest to reduce weed seed production.
- Contact the local agricultural extension service, BASF representative, ag retailer or crop consultant for further guidance on weed control practices as needed.

Application Instructions

BAS 654 02H is recommended for application in combination with growth regulator, bud inhibitor or auxin-like herbicides. **DO NOT** apply **BAS 654 02H** alone or without a growth regulator, bud inhibitor or auxin-like herbicide. See **Growth Regulator, Bud Inhibitor or Auxin-like Herbicide Tank Mixture Recommendations**.

BAS 654 02H is best applied to actively growing weeds and should be applied at the recommended timing of the growth regulator, bud inhibitor or auxin-like herbicide in the tank mixture. **BAS 654 02H** may be applied as a ground broadcast or spot spray application at a rate of 2.4 to 6.4 ozs/A. One gallon of **BAS 654 02H** will treat between 20 and 53 acres.

Application Methods and Equipment

BAS 654 02H can be applied using water, fertilizer, or spray grade oils as the spray carrier. When selecting application methods, use the spray carrier and water volume recommended for the companion herbicide(s) used in the tank mixture.

Water Volume. Select an appropriate spray volume that ensures adequate coverage of the target weed species. Use higher water volumes when treating dense or tall vegetation. **DO NOT** apply less than 2 gallons of spray volume

per acre for aerial applications and 3 gallons per acre for ground applications.

Aerial Application. Use 2 or more gallons of water per acre. The actual minimum spray volume per acre is determined by the spray equipment used. Use adequate spray volume to provide accurate and uniform distribution of spray particles over the treated area and to avoid spray drift.

Ground Application (broadcast). Use 3 or more gallons of water per acre. The actual minimum spray volume per acre is determined by the spray equipment used. Use adequate spray volume to provide accurate and uniform distribution of spray particles over the treated area and to avoid spray drift.

Spray Drift
<p>Aerial Applications:</p> <ul style="list-style-type: none"> • Applicators are required to use a medium or coarser droplet size (ASABE S572.1). • Applicators must use 1/2 swath displacement upwind at the downwind edge of the field. • DO NOT apply when wind speeds exceed 15 miles per hour at the application site. If the wind speed is greater than 10 miles per hour, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters. • DO NOT release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety. • Applicators must use 1/2 swath displacement upwind at the downwind edge of the field. DO NOT apply during temperature inversions.
<p>Ground Boom Applications:</p> <ul style="list-style-type: none"> • User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the products applied in ground or crop canopy. • Applicators are required to use a medium or coarser droplet size (ASABE S572.1). • DO NOT apply when wind speeds exceed 15 miles per hour at the application site. • DO NOT apply during temperature inversions.
<p>Boom-less Ground Applications:</p> <ul style="list-style-type: none"> • Applicators are required to use a medium or coarser droplet size (ASABE S572.1). • DO NOT apply when wind speeds exceed 15 miles per hour at the application site. • DO NOT apply during temperature inversions.

Spray Drift Advisories

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

Importance of Droplet Size

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

Boom Height – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

Boom-less Ground Applications

Setting the release height at the lowest effective height will help to reduce the potential for spray drift.

Release Height – Aircraft

Higher release heights increase the potential for spray drift.

Shielded Sprayers

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

Temperature and Humidity

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

Temperature Inversions

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly

dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

Wind

Drift potential generally increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.**

Rates and Additives

Rate

The core use rate for **BAS 654 02H herbicide** is 3.2 to 6.4 ozs/A when used in combination with a growth regulator, bud inhibitor or auxin-like herbicide. A minimum of 2.4 ozs/A of **BAS 654 02H** may be used but may result in less than acceptable levels of weed control. Consult your local BASF Vegetation Specialist for specific recommendations. See **Growth Regulator, Bud Inhibitor or Auxin-like Herbicide Tank Mixture Recommendations**. A maximum of 6.4 ozs of **BAS 654 02H** can be applied per season per treated acre.

Additives

Adjuvants **must be** used with **BAS 654 02H** to achieve consistent weed control. Use the recommended herbicide adjuvant of the growth regulator, bud inhibitor or auxin-like herbicide in the tank mixture. Modified (methylated or ethylated) seed oils (MSO) provide the best activity with **BAS 654 02H**, particularly in arid regions and/or for the control of woody species and waxy leaf species.

Compatibility Test for Mix Components

Add components in the following sequence using 2 teaspoons for each pound of dry product or 1 teaspoon for each pint of liquid product of recommended label rate per acre (**EXAMPLE:** 1/5 teaspoon for a 3.2 ozs/A rate of **BAS 654 02H**).

- 1. Carrier (water or liquid fertilizer).** For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of carrier. For other spray volumes, adjust rates accordingly. If using water as the carrier, use only water from the intended source and at the source temperature.
- 2. Water-dispersible products (dry flowables, wettable powders, suspension concentrates, or suspo-emulsions, such as BAS 654 02H).** Mix required quantity of **BAS 654 02H** in the required quantity of spray adjuvant and add mixture to spray carrier. Cap the jar and invert 10 cycles.
- 3. Water-soluble products.** Cap the jar and invert 10 cycles.
- 4. Emulsifiable concentrates.** Cap the jar and invert 10 cycles.
- 5. Water-soluble additives (i.e. nonionic surfactant).** Only add spray adjuvant if not previously added in combination with **BAS 654 02H**. Cap the jar and invert 10 cycles.
- 6. Let the solution stand for 15 minutes.**
- 7. Evaluate the solution for uniformity and stability.** The spray solution should not have free oil on the surface, nor fine particles that precipitate to the bottom, nor thick (clabbered) texture. If the spray solution is not compatible, repeat the compatibility test with the

addition of a suitable compatibility agent. If the solution is then compatible, use the compatibility agent as directed on its label. If the solution is still incompatible, **DO NOT** mix the ingredients in the same tank.

Mixing Order

- 1. Carrier (water or liquid fertilizer).** Begin by agitating a thoroughly clean sprayer tank half-full of clean water or liquid fertilizer.
- 2. Water-dispersible products (dry flowables, wettable powders, suspension concentrates, or suspo-emulsions, such as BAS 654 02H).** Premixing the required quantity of **BAS 654 02H** and spray adjuvant prior to adding to the spray carrier can improve the mixing of **BAS 654 02H** in the spray tank.
- 3. Water-soluble products.**
- 4. Emulsifiable concentrates.**
- 5. Water-soluble additives (i.e. nonionic surfactant).** Only add spray adjuvant if not already added in combination with **BAS 654 02H**.
- 6. Remaining quantity water or liquid fertilizer.**

Maintain constant agitation during application. For more information, refer to **General Tank Mixing Information** section.

General Tank Mixing Information

BAS 654 02H must be tank mixed with growth regulator, bud inhibitor or auxin-like herbicide (see **Growth Regulator, Bud Inhibitor or Auxin-like Herbicide Tank Mixture Recommendations**). Additional herbicides may be added to mixtures that contain at least one growth regulator, bud inhibitor or auxin-like herbicide. Tank mix recommendations are for use only in states where the tank mix product and application site are registered. Read and follow the applicable **Restrictions and Limitations** and **Directions For Use** on all products included in the tank mixture. Always follow the most restrictive labeling among the products being tank mixed.

DO NOT apply with **Overdrive® herbicide** or **Distinct® herbicide**.

Growth Regulator, Bud Inhibitor or Auxin-like Herbicide Tank Mixture Recommendations¹

Herbicide	Recommendation
fosamine (Krenite [®])	<p>Use: Tank mixture with one or more growth regulator, bud inhibitor or auxin-like herbicide.</p> <p>Rate: The core use rate for BAS 654 02H herbicide is 3.2 to 6.4 ozs/A. A minimum of 2.4 ozs/A may be used but may result in less than acceptable levels of control. Consult your local BASF vegetation specialist for specific recommendations.</p> <p>Activity: Improves postemergence herbicidal activity of growth regulator, bud inhibitor and auxin-like herbicides on many of the broadleaf and woody species controlled by these herbicides.</p> <p>Not all weed control will be improved with the use of BAS 654 02H. It is recommended that testing be performed on a small scale to first determine what level of control is achieved and what rate of BAS 654 02H and the tank mixture partner(s) is (are) required to achieve acceptable control.</p> <p>In some cases, the typical use rate for the growth regulator, bud inhibitor or auxin-like herbicide can be reduced by as much as 25% to 50% while achieving equal or better weed control.</p>
triclopyr (Garlon [®] 3A, Garlon [®] 4, Remedy [®])	
picloram (Tordon [®] , Grazon [®] P+D)	
clopyralid (Transline [®] , Stinger [®] , Reclaim [®])	
fluroxypyr (Vista [®])	
2,4-D (various 2,4-D containing products)	
aminopyralid (Milestone [®])	
dicamba (Clarity [®])	
Combination Products (Redeem [®] , Curtail [®] , Crossbow [®] , Garlon [®] EV, Garlon [®] GS, Pasturegard [®] , Surmount [®] , Weedmaster [®])	
quinclorac (Paramount [®])	

¹ All of the recommended tank mixture products may be used in both noncropland and pasture/rangeland sites with the following exceptions: **Krenite** and **Paramount** may only be used in noncropland sites. **Remedy**, **Grazon P+D** and **Reclaim** may only be used in pasture and rangeland sites.

BAS 654 02H may be tank mixed with other herbicides in addition to the required growth regulator, bud inhibitor or auxin-like herbicides, but BAS 654 02H will not enhance the efficacy of the other herbicides.

General Restrictions and Limitations

- **BAS 654 02H** may be applied in noncropland, grass pasture and rangeland sites.
- **DO NOT** apply more than 6.4 ounces of **BAS 654 02H** per season per treated acre.
- **Rainfast period:** **BAS 654 02H** is rainfast **4 hours** after application when used with a nonionic surfactant or other recommended adjuvant.
- **DO NOT** apply through any type of **irrigation system**.
- **Grazing and haying restrictions:** Grass, pasture and rangeland treated with **BAS 654 02H** can be grazed or harvested for livestock feed immediately after application. **ALWAYS** follow grazing and haying restrictions of all tank mixture herbicides.
- **Crop rotation restriction: DO NOT** plant any crops within 30 days after the last application of **BAS 654 02H**.
- **Agricultural use sites:** Restricted-entry Interval (REI) is **12 hours**.
- **Noncropland use sites: DO NOT** enter treated areas without protective clothing until sprays have dried.
- **DO NOT** apply with **Distinct**[®] herbicide or **Overdrive**[®] herbicide.

Site-specific Information

Rights-of-Way, Utility, Industrial Areas, and Other Noncropland Sites

BAS 654 02H may be used for enhanced postemergence broadleaf weed and woody plant control in roadside, utility, pipeline, railroad rights-of-way, and other noncropland sites. **BAS 654 02H** must be applied with at least one growth regulator, bud inhibitor or auxin-like herbicide for enhanced weed control. See **Growth Regulator, Bud Inhibitor or Auxin-like Herbicide Tank Mixture Recommendations** for additional information on tank mixes. **BAS 654 02H** may also be used in tank mixtures for general postemergence broadleaf weed control in non-cropland sites where total vegetation control is desired.

Pasture and Rangeland

BAS 654 02H may be used in grass pasture and rangeland sites, in combination with growth regulator, bud inhibitor or auxin-like herbicides for postemergence broadleaf weed control. **BAS 654 02H** must be applied with at least one growth regulator, bud inhibitor or auxin-like herbicide for enhanced weed control. See **Growth Regulator, Bud Inhibitor or Auxin-like Herbicide Tank Mixture Recommendations** for additional information on tank mixes.

DO NOT apply **BAS 654 02H** to small grains grown for pasture or to newly seeded grasses. Established grasses growing under environmental stresses can exhibit various injury symptoms that may be more pronounced if herbicides are applied. **BAS 654 02H** may injure bentgrass, carpetgrass, buffalograss, tall fescue, perennial ryegrass, St. Augustinegrass, and velvetgrass. **BAS 654 02H** will

severely injure alfalfa, clovers, lespedeza, wild winter peas, vetch and other legumes.

Pasture and rangeland grass treated with **BAS 654 02H herbicide** can be grazed or harvested for livestock feed immediately after application. **ALWAYS** follow grazing and haying restrictions of all tank mixture herbicides.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently 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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

To the extent consistent with applicable law, BASF makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty.

To the extent consistent with applicable law, Buyer's exclusive remedy and BASF's exclusive liability, whether in contract, tort, negligence, strict liability, or otherwise, shall be limited to repayment of the purchase price of the product.

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