



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

9779-326

Date of Issuance:

APR 11 1994

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Trific 10G

Name and Address of Registrant (include ZIP Code):

Riverside/Terra Corporation
600 Fourth Street
Sioux City, IA 51101

Notes: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the label changes listed below before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 9779-326".
- b. Add the phrase "...if irritation persists" to the end of the "If in eyes" and "If on skin" statements in the Statement of Practical Treatment.
- c. Rewrite the second sentence of the inhalation statement in the Statement of Practical Treatment to read "If not breathing, give artificial respiration, preferably mouth to mouth."

Signature of Approving Official:

Date:

APR 11 1994

- d. Rewrite the first sentence of the Precautionary Statements to read "Harmful if swallowed, inhaled, or absorbed through the skin."
- e. Add the statement "Causes eye irritation" to the beginning of the Precautionary Statements.
- f. Add protective eye wear to the list of required personal protective equipment listed on the first page and under the Agricultural Use Requirements block.
- g. Add Engineering Controls Statements to the first page between the Personal Protective Equipment and the User Safety Recommendations to read as follows:

"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."
- h. Rewrite the end of the Container Disposal statement to read "Then dispose of bags in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke."
- i. In the directions for Asparagus, revise the sub-heading in the rate chart under "Single Application" to read "Before or After Harvest".
- j. In the directions for Cotton, the sub-heading "Fall Application" should not appear twice. To avoid confusion, it should be removed from directly above the sub-heading "Spring Application".

3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

7505C
D. KENNY
3/19/94

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®

TRIFIC 10G

A selective herbicide for the preemergence control of annual grasses and broadleaf weeds on crops and under paved surfaces.

ACTIVE INGREDIENT		
Trifluralin (a,a,a-trifluoro-2,6-dinitro-N, N-dipropyl-p-toluidine)		10.0%
INERT INGREDIENTS		<u>90.0%</u>
	TOTAL	100.0%

STOP - READ LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 11 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 9779-326

- IF IN EYES:** Hold eyes open and flush with steady gentle stream of water for 15 minutes. Call a physician.
- IF SWALLOWED:** Call a physician or Poison Control Center immediately. Do not induce vomiting. If available, administer activated charcoal (6-8 heaping teaspoonfuls) with a large quantity of water. Do not give anything by mouth to an unconscious person. Transport to a medical care facility and see a physician.
- IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.
- IF ON SKIN:** Wash with plenty of soap and water. See a physician.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed or absorbed through the skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing. In case of skin or eye contact, flush with plenty of water. If irritation persists, get medical attention.

Personal Protective Equipment:

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

Follow manufacturer's instructions for cleaning/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, smoking, 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.

ENVIRONMENTAL HAZARDS

This pesticide is 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 or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. Do not contaminate water when disposing of equipment washwaters.

EPA Reg No. 9779-

EPA Est. No. _____

Manufactured For
RIVERSIDE/TERRA CORP.
P.O. Box 6000, Sioux City, IA 51102-6000
Riverside Serves Agriculture. Agriculture Serves Everyone.

NET CONTENTS

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DIRECTIONS FOR USE

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

[REDACTED]

AGRICULTURAL USE REQUIREMENTS

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**STORAGE AND DISPOSAL
DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL**

STORAGE

Store in original container only. In case of leak or spill, contain material and dispose as waste.

DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities. If burned, stay out of smoke.

GENERAL INFORMATION

TRIFIC 10G is a selective preemergence herbicide for control of many annual grasses and broadleaf weeds. TRIFIC 10G must be mechanically incorporated within 24 hours after application to effectively control weeds. TRIFIC 10G controls susceptible weeds as they germinate. TRIFIC 10G does not control established weeds.

GENERAL USE PRECAUTIONS

Applied according to directions and under normal growing conditions, TRIFIC 10G will not harm the treated crop. Over-application may result in crop injury or a soil residue. Uneven application or improper soil incorporation of TRIFIC 10G can result in erratic weed control or crop injury. Seedling disease, cold weather, deep planting, excessive moisture, high salt concentration or drought may weaken crop seedlings and increase the possibility of damage from TRIFIC 10G. Under these conditions, delayed crop development or reduced yields may result.

Do not apply TRIFIC 10G to soils that are wet or are subject to prolonged periods of flooding as poor weed control may result.

Do not use TRIFIC 10G on any crop grown in Pecos County or Reeves County, Texas.

ROTATION CROP RESTRICTIONS

Sugar Beets, Redbeets and Spinach: In Arizona, Colorado, Idaho, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming, sugar beets, redbeets or spinach should not be planted for 12 months after a spring application or 14 months after a fall application of TRIFIC 10G. Plowing to a depth of 12 inches prior to planting these crops will reduce the possibility of crop injury. If land has not been irrigated, these crops should not be planted for 18 months after a spring application or 20 months after a fall application of TRIFIC 10G.

In all other areas: sugar beets, redbeets, and spinach should not be planted for 12 months after a spring application or 14 months after a fall application. Before planting sugar beets, moldboard plow to a depth of 12 inches to reduce the possibility of crop injury.

Proso Millet, Corn, Sorghum (Milo), Oats and Annual or Perennial Crops or Grass Mixtures: Proso millet, corn, sorghum (milo), oats and annual or perennial grass crops or grass mixtures should not be planted for 12 months after a spring application or 14 months after a fall application of TRIFIC 10G to avoid the possibility of crop injury. If land has not been irrigated, these crops should not be planted for 18 months after a spring application or 20 months after a fall application. Moldboard plowing to a depth of 12 inches before planting these crops will reduce the possibility of crop injury.

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In Minnesota, North Dakota and South Dakota: Proso millet, sorghum (milo), oats and annual or perennial grass crops or grass mixtures should not be planted for 18 months after a spring application or 21 months after a fall application of TRIFIC 10G.

In those portions of Kansas, Nebraska, Oklahoma and Texas That Receive Less Than 20 inches of Rainfall and Irrigation to Produce a Crop: Do not plant proso millet, sorghum (milo), oats and annual or perennial grass crops or grass mixtures for 18 months after an application of TRIFIC 10G. In sorghum, cool wet weather conditions during early growth stages may increase the possibility of crop injury. In areas receiving more than 20 inches of rainfall and irrigation, these crops should not be planted for 12 months after a spring application or 14 months after a fall application of TRIFIC 10G.

Other Crops: Vegetable crops other than those listed on this label for use with preplant soil incorporated application of TRIFIC 10G should not be planted within 5 months after an application of TRIFIC 10G.

APPLICATION DIRECTIONS

Soil Preparation

Crop residues or existing weeds: Apply TRIFIC 10G to soil that has a manageable trash level, been fallowed, pretilled or to soil that has standing stubble. A manageable level of such ground cover would allow the TRIFIC 10G to be uniformly incorporated into the top 2 to 3 inches of the final seedbed.

Roughness: The soil surface should be smooth enough so that application and incorporation equipment can be operated efficiently and at speeds which insure a uniform application and incorporation of TRIFIC 10G.

General Soil Conditions: To assure uniform incorporation of TRIFIC 10G, soil moisture conditions should be such that large clods can be broken up during the incorporation process.

Application

TRIFIC 10G may be applied with ground or aerial broadcast application equipment. Apply with equipment capable of accurate calibration and uniform application of herbicide granules. Apply at the recommended rate for soil texture class to be treated. Follow calibration directions provided by the equipment manufacturer. Avoid releasing granules in narrow bands on the soil surface as this may cause crop injury.

Freezing will not adversely affect this product. If product is frozen at the time of application, agitate or thaw to restore free-flowing properties to TRIFIC 10G granules.

Soil Texture Guide

The amount of TRIFIC 10G applied will vary with the soil texture and organic matter. A fine textured soil will require more TRIFIC 10G per acre than a coarse soil. Choose the proper rate for each application based on the following soil texture group and specific crop recommendations. Do not exceed recommended rates.

Soil Texture	Soil Classification
Coarse Soils (Light) Medium Soils Fine Soils (Heavy)	Sand, loamy sand, sandy loam Loam, silty clay loam*, silt loam, silt, sandy clay loam* Clay, clay loam, silty clay loam*, silty clay, sandy clay, sandy clay loam*

*Silty clay loam and sandy clay loam soils are transitional soils and may be classified as either medium or fine textured soils. If silty clay loam or sandy clay loam soils are predominately sand or silty, they are usually classified as fine textured soils.

Application Rate Changes

Where a rate change is shown, use the lower rate for coarser textured soils or soils with low organic matter content. Use the higher rate in the rate range for finer textured soils and on soils containing more than 5% organic matter. Where soil texture is variable within the same field, use the lower recommended TRIFIC 10G rate.

Application Timing

Spring Application: Apply TRIFIC 10G any time after January 1 when soil can be worked and is in condition suitable for good incorporation. See "Crop Recommendations" section for recommendations on specific crops.

Fall Application: In Minnesota, North Dakota and South Dakota, apply TRIFIC 10G any time between September 1 and December 31. In all other states, fall apply TRIFIC 10G any time between October 15 and December 31.

Application Rates for Fall Application: Refer to the "Approved Crops" section of this label for specific rate recommendations. Increased rates for fall application are recommended for certain crops grown in certain geographic areas. For crops for which there are no specific fall application instructions, and for which TRIFIC 10G is recommended as a preplant incorporated treatment, use the rates listed for spring application. In areas receiving greater than 20" total average annual rainfall and irrigation, use the higher rate in the recommended rate range. Do not fall apply TRIFIC 10G prior to planting sugar beets, potatoes and direct seeded tomatoes the following spring.

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Ground may be left flat or bedded-up over winter. On bedded ground, knock beds down to desired height before planting, moving some treated soil from beds into furrows. Where soil is left flat over winter, be careful not to turn up untreated soil during spring bedding operations. Destroy established weeds during seedbed preparations.

Prior to planting, destroy any weeds which have become established in furrows due to uncovering of untreated soil. Do not apply TRIFIC 10G in the fall to soils that are wet or subject to prolonged periods of flooding, or where rice was grown the previous year.

INCORPORATION DIRECTIONS

TRIFIC 10G requires two incorporation passes. The first should occur within 24 hours after application. For best weed control results, the second incorporation should be delayed 3 to 5 days after the first and be completed prior to planting. A minimum delay of 7 days after the first incorporation is recommended for certain TRIFIC 10G uses in small grains. See specific use directions. The second incorporation pass should occur in a different direction than the first. Use incorporation equipment capable of thoroughly and uniformly mixing TRIFIC 10G into the top 2 to 3 inches of the final seedbed. Erratic weed control may result if untreated soil is moved to the surface during the second incorporation pass. To avoid this problem, set equipment so that the second incorporation pass is not deeper than the first.

Incorporation in Established Crops

TRIFIC 10G may be applied and incorporated in certain established crops. Refer to the "Crop Recommendations" section of this label for specific incorporation directions.

Incorporation in Bedded Culture

For effective weed control, TRIFIC 10G needs to be incorporated into the top 2 to 3 inches of the final seedbed.

Application prior to bedding: Apply TRIFIC 10G and incorporate it one time with recommended equipment. The bedding operation serves as the second incorporation. Do not expose untreated soil during post-bedding operation.*

Application after bedding: Apply TRIFIC 10G and incorporate it one time with recommended equipment. The bedding operation serves as the second incorporation. Do not expose untreated soil during post-bedding operation.*

* Avoid removal of treated soil from the seedbed before or during the planting operation. This would expose untreated soil, allowing weeds to germinate in the drill row.

Cultivation After Planting

Areas treated with TRIFIC 10G may be shallowly cultivated without loss of weed control activity. Avoid deep cultivation that could bring untreated soil to the soil surface and result in loss of weed control.

Recommended Equipment

Any recommended incorporation tool may be used alone or in combination with any other recommended tool. Two incorporation passes are required unless specifically stated. The second incorporation should not be deeper than the first.

Disc: Set to cut 4 to 6 inches deep and operate at 4 to 6 mph.

Field Cultivator: Set to cut 3 to 4 inches deep and operate at 5 mph or more. A field cultivator is defined as an implement with 3 to 4 rows of sweeps, spaced at intervals of 7 inches or less and staggered so that no soil is left unturned. Chisel points should not be used.

Chisel Plow (for use in Northern Great Plains): The chisel plow may be used for the first incorporation pass only. Any other recommended tool may be used for the second pass for row crops. The chisel plow may be used for any tillage or incorporation pass in the summer fallow program. Operate at 4 to 5 inches deep at 4 to 6 mph. A chisel plow is defined as having 3 rows of 14- to 18-inch sweeps spaced no more than 12 inches apart. Stagger sweeps so that no soil is left unturned. Chisel points should not be used.

Combination Seedbed Conditioners: These implements are defined as three or more tillage devices combined to operate as a single tillage unit. For example, 2 to 3 rows of field cultivator "c" or "s" shaped effective sweep spacing of 6 to 9 inches (staggered so that no soil is left unturned), followed by a spike-tooth or flexline harrow, followed by a ground-driven reel or basket. Combination implements should be set to cut 3 to 4 inches deep and operated at a minimum speed of 6 mph. TRIFIC 10G can be incorporated with one pass when using a combination seedbed conditioner. Two incorporations are required under conditions which prevent optimum soil mixing such as excessive trash, roughness, high clay content or soil moisture.

Rolling Cultivator: Set to cut 2 to 4 inches deep and operate at 6 to 8 mph. Rolling cultivators are adequate for use on coarse and medium textured soils only.

Mulch Treader (other similar disc-type implements): Set to cut 3 to 4 inches deep and operate at 5 to 8 mph.

P.T.O. Driven Equipment (tillers, cultivators, hoes): Adjust to incorporate TRIFIC 10G into the top 2 to 3 inches of the seedbed with rotors spaced to provide a clean sweep of the soil. Only one incorporation is necessary. P.T.O. driven equipment should not be operated at a speed greater than 4 mph.

Other equipment, including the flexible tine-tooth harrow (Flextine, Melroe), is also recommended but only for the special programs for which it is specified in this label.

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WEEDS AND GRASSES CONTROLLED

GRASSES

annual bluegrass
 barnyardgrass (watergrass)
 Brachiaria (signalgrass)
 bromegrass (cheatgrass, downy brome)
 cheat (chess)
 crabgrass (large, smooth)
 foxtail (bottlegrass, bristleglass, giant foxtail, green foxtail,
 foxtail millet, pigeongrass, robust foxtail, yellow foxtail)
 Johnsongrass (from seed)
 junglerice
 sandbur (burgrass)
 sprangletop
 stinkgrass (lovegrass)
 wild cane* (shattercane)
 wild oat
 woolly cupgrass

Poa annua
 Echinochloa sp.
 Brachiaria sp.
 Bromus tectorum
 Bromus secalinus
 Digitaria spp.
 Setaria spp.
 Sorghum halepense
 Echinochloa colonum
 Cenchrus incertus
 Leptochloa filiformis
 Eragrostis ciliaris
 Sorghum bicolor
 Avena fatua
 Eriochloa villosa

BROADLEAF WEEDS

carpetweed
 chickweed
 Florida pusley (Florida purslane, Mexican clover, pusley)
 goosefoot
 henbit (fall application only)
 knotweed
 lambsquarter
 pigweed (carelessweed, prostrate pigweed, redroot
 pigweed, rough pigweed, spiny pigweed)
 puncturevine (Western U.S. only) (caltrop, goathead)
 purslane
 stinging nettle (nettle)

Mollugo verticillata
 Stellaria media
 Richardia scabra
 Chenopodium hybridum
 Lemium amplexicaule
 Polygonum aviculare
 Chenopodium album
 Amaranthus spp.
 Tribulus terrestris
 Portulaca oleracea
 Urtica dioica

*TRIFIC 10G when applied as preplant incorporated (PPI) treatment will provide partial control of wild oats. This claim is for all PPI uses except fall applications for spring seeded cereals at foxtail (pigeongrass) control rates.

CROP RECOMMENDATIONS

ALFALFA - ESTABLISHED

Apply TRIFIC 10G to established alfalfa prior to weed emergence with ground or aerial equipment. A single rainfall or overhead sprinkler irrigation of 0.5 inches or more, flood irrigation or furrow irrigation after application is required to activate TRIFIC 10G. If activated using furrow irrigation, the surface of beds between furrows should be thoroughly wetted. If activation does not occur within 3 days after application, TRIFIC 10G should be activated using incorporation equipment that will insure thorough soil mixing with minimum damage to the established alfalfa.

Weeds Controlled

Barnyardgrass, bromegrass (cheatgrass, downy brome), canarygrass, cheat (chess), crabgrass, woolly cupgrass, foxtail, junglerice, sandbur, and wild barley.

Application Rate per Acre

Apply TRIFIC 10G at a rate of 20 lbs./acre for all soil texture.

Application Timing

TRIFIC 10G may be applied during dormancy or throughout the growing season immediately after a cutting. Because TRIFIC 10G does not control established weeds, application must be made prior to the expected time of weed germination.

Fall Application

Apply immediately after a cutting between August 1 and October 1. When fall applied, TRIFIC 10G controls bromegrass and cheat in addition to other weeds listed above that germinate after application. Bromegrass and cheat begin to germinate in the fall with the onset of cooler weather.

Precaution: In the season following a 20 lbs./acre TRIFIC 10G treatment, where established alfalfa is to be rotated to another crop, plant only those crops for which TRIFIC 10G can be applied as a preplant incorporated treatment or crop injury may result.

ASPARAGUS - ESTABLISHED

Apply TRIFIC 10G to established asparagus as a single or split application. TRIFIC 10G will suppress volunteer seeding asparagus and field bindweed when recommendations for rates, application and timing are followed. Follow recommended soil preparation, application and incorporation procedures for TRIFIC 10G.

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Application Timing

Apply in winter or early spring after mature ferns have been removed, but before new spears begin to emerge. Apply post-harvest applications immediately after harvest in late spring or early summer just before ferns are allowed to develop.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G	
	Split Application Before and After Harvest	Single Application Before and After Harvest
	(pounds)	(pounds)
Coarse	5.0 + 5.0	10
Medium	7.5 + 7.5	15
Fine	10 + 10	20

Do not apply more than 10 lbs./acre on coarse soils, 15 lbs./acre on medium soils, or 20 lbs./acre on fine soils during the calendar year.

BEANS - DRY BEANS

Apply and incorporate TRIFIC 10G in the spring before planting or in the fall. See instructions for fall application for TRIFIC 10G under the heading "Application Timing" in the "General Information" section of this label.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

BEANS - GUAR AND MUNGBEAN

Apply and incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	7.5
Fine	7.5

All soils with 2%-5% organic matter - 7.5 lbs.

BEANS - LIMA BEAN AND SNAP BEAN

Apply and incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	5
Fine	7.5

All soils with 2%-5% organic matter - 7.5 lbs.

CARROT

Apply and incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

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Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

CASTOR BEAN

Apply and incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

CELERY

Apply as a soil incorporated treatment. TRIFIC 10G may be applied to direct seeded or transplant celery before planting, at planting or immediately after planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

CHICORY/ENDIVE

Apply and soil incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	7.5
Fine	10

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; soils with 5%-10% organic matter - 10 lbs. to 12.5 lbs.

COLE CROPS - BROCCOLI, BRUSSELS SPROUTS, CABBAGE AND CAULIFLOWER

Direct Seeded Cole Crops

Apply and incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	5
Fine	7.5

All soils with 2%-5% organic matter - 7.5 lbs.

Precaution: Direct seeded cole crops exhibit marginal tolerance to higher than recommended rates of TRIFIC 10G. Stunting or reduced stands may occur.

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Transplanted Cole Crops

Apply and incorporate TRIFIC 10G before transplanting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

CORN - FIELD CORN ONLY

TRIFIC 10G may be applied as a postemergence treatment following the use of a preemergence herbicide. Uniformly apply to the soil surface when crop is well established (2 true leaf stage or taller), or immediately after cultivation, up to height of 30 inches. TRIFIC 10G does not control established weeds.

Incorporation Directions

In corn, TRIFIC 10G should be incorporated within 24 hours after application. Incorporation may be accomplished with one pass of a sweep-type cultivator or properly adjusted rolling cultivator. The sweep-type cultivator should have 3 to 5 sweeps per row middle and be operated at a speed that will provide maximum soil movement. Set middle sweeps so as to avoid exposing untreated soil. Adjust incorporation equipment so as to avoid mechanical injury to the crop.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	3.5 - 5*
Medium	5 - 7.5
Fine	7.5 - 10

*Apply 5 to 7.5 lbs./acre on coarse soils in Alabama, Florida, Georgia, North Carolina, South Carolina and Virginia to control fall panicum and Texas panicum.

Apply lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

Precaution: Do not apply TRIFIC 10G to sweet corn or corn grown for seed. Do not apply TRIFIC 10G as a preplant or preemergence treatment or crop injury may occur.

COTTON

Apply and incorporate TRIFIC 10G before or at planting, immediately after planting, at layby, or in the fall. When incorporating TRIFIC 10G after planting (postplant), be careful not to disturb the seed.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G		
	Fall Application	Fall Application	
	Spring Application*	Eastern U.S.**	Western U.S.***
	(pounds)	(pounds)	(pounds)
Coarse	5	10	7.5
Medium	6.25 - 7.5	10	10
Fine	7.5 - 10	12.5	12.5

* Spring Application: Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

** Fall Application: Use rates for eastern cotton producing areas, including Alabama, Arkansas, Northern Florida, Georgia, Louisiana, Mississippi, Southeastern Missouri (Bootheel), North Carolina, New Mexico, Oklahoma, South Carolina, Tennessee and Texas.

*** Fall Application: Use rates for western cotton producing areas, including Arizona and Nevada.

For cotton grown in areas other than those listed above, fall apply TRIFIC 10G at broadcast rates recommended for areas receiving greater than 20 inches of annual rainfall and irrigation.

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Layby Treatment

Apply and incorporate TRIFIC 10G any time up to layby, but not less than 90 days before harvest. Apply so as to achieve a uniform distribution of granules on the soil surface beneath cotton plants. Use the same rates as for preplant incorporated treatments. Soil incorporate using one pass of a sweep-type cultivator or properly adjusted rolling cultivator. Operate cultivation equipment at speeds sufficient to provide vigorous soil mixing and exercise care to avoid mechanical injury to the crop.

Preemergence Overlay Applications Following TRIFIC 10G

Apply TRIFIC 10G as a preplant incorporated treatment. Additional weeds tolerant to TRIFIC 10G may be controlled using overlay applications of Cotoran, Riverside Fluometuron, Karmex, Riverside Diuron, Zorial, or other products registered for use on cotton. Such applications may be made unless use following a TRIFIC 10G application is specifically prohibited by the product label. Consult the overlay product label for additional weeds controlled, directions to use, cautions and limitations before use.

Postemergence Applications Following TRIFIC 10G

Apply TRIFIC 10G as a preplant incorporated treatment. Additional weeds tolerant to TRIFIC 10G may be controlled using postemergence applications of products registered for use on cotton. Such treatments may be made unless use following a TRIFIC 10G application is specifically prohibited by the product label. Consult the postemergence product label for additional weeds controlled, directions for use, cautions and limitations before use.

CUCURBITS - CANTALOUPE, CUCUMBER AND WATERMELON

Postemergence Application Only

Apply and incorporate TRIFIC 10G when plants have reached the 3 to 4 true leaf stage of growth. Set incorporation equipment to move treated soil around the base of plants during incorporation.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

FLAX (Fall Application Only)

Apply and incorporate TRIFIC 10G in the fall between September 1 to December 31 in Minnesota, North Dakota and South Dakota, and between October 15 and December 31 in other states. Refer to instructions for fall application under "Application Timing" in the "General Information" section of this label.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	7.5
Fine	10

Special Instructions for Flax

Incorporation operations or other tillage performed in the spring prior to seeding should be relatively shallow so as to maintain a firm seedbed. The seedbed should be packed just prior to seeding. Seeding should be done with a press drill or hoe drill. Seed into moist seedbed no more than 1.5 inches deep. Flax should not be seeded until the seedbed has warmed up.

FORAGE LEGUMES

Forage Legumes Used as Cover Crops or in the Acreage Conservation Reserve Program

Apply TRIFIC 10G as a preplant incorporated treatment.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	5 - 7.5
Fine	7.5

Apply lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

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Precautions: If used under the Acreage Conservation Reserve Program, follow the most severe grazing restrictions imposed by the USDA Conservation Use Program. Consult the local ASCS committee or other state agency to determine the period of the USDA grazing restriction. Some crop stand reduction may occur with this use; however, reduced weed competition will allow establishment of a quality stand.

GRAIN SORGHUM (MILO)

TRIFIC 10G may be applied as a postemergence treatment following the use of a preemergence herbicide. Uniformly apply to the soil surface when grain sorghum is 8 inches tall or taller. TRIFIC 10G does not control established weeds.

Soil Preparation

Cultivate before application to remove established weeds and cover the base of plants with soil. Set cultivation equipment to add approximately one inch of soil to the base of sorghum plants.

Activation and Incorporation Directions

In grain sorghum, TRIFIC 10G should be incorporated within 24 hours after application. Incorporation may be accomplished with one pass of a sweep-type cultivator or properly adjusted rolling cultivator. The sweep-type cultivator should have 3 to 5 sweeps per row middle and be operated as to avoid exposing untreated soil. Adjust incorporation equipment so as to avoid mechanical injury to the crop.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	4 - 5
Medium	5 - 7.5
Fine	7.5 - 10

Apply lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

GREENS - TURNIP GREENS GROWN FOR PROCESSING: COLLARD, KALE AND MUSTARD GREENS

Apply to greens as a preplant incorporated treatment.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	7.5
Fine	7.5

HOPS

Apply and incorporate TRIFIC 10G to established hops during dormancy. Incorporate once using incorporation equipment that will insure thorough soil mixing with minimal damage to crop stand.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	6.25 - 7.5

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.

MUSTARD - GROWN FOR SEED OR PROCESSING FOR FOOD IN MINNESOTA, NORTH DAKOTA AND SOUTH DAKOTA

Apply and incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	7.5
Fine	7.5

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Apply and incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

PEAS - DRY PEA AND ENGLISH PEA

Apply and incorporate TRIFIC 10G in the spring before planting or in the fall. Refer to instructions for fall application under "Application Timing" in the "General Information" section of this label.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G	
	Spring Application	Fall Application*
	(pounds)	(pounds)
Coarse	5	5
Medium	5	6.25 - 7.5
Fine	7.5	7.5

*TRIFIC 10G may be fall applied to dry and english peas in the states of Idaho, Oregon and Washington.

PEAS - SOUTHERN PEAS

Apply and incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

PEANUTS - SPANISH PEANUTS, FLORUNNER AND FLORIGIANT VARIETIES (for use in Texas, Oklahoma and New Mexico)

Apply and incorporate TRIFIC 10G before planting, at planting, or immediately after planting. When incorporating after planting, take care not to disturb the seed.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	7.5

PEPPER (Transplant Only)

Apply and incorporate TRIFIC 10G prior to transplanting. Do not apply after transplanting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

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POTATOES (not for use in the State of Maine)

Apply and incorporate TRIFIC 10G after planting prior to crop emergence, immediately following dragoff, or after potato plants have fully emerged.

Incorporation

Set incorporation equipment so that the bed and furrow are uniformly covered with a layer of treated soil. If the layer of treated soil is not uniform and the herbicide is concentrated over the bed, potato emergence may be retarded and stem brittleness can occur. When applying and incorporating TRIFIC 10G after potato plants have fully emerged, do not completely cover the foliage with treated soil. Likewise, do not completely cover foliage during subsequent cultivations. Be careful that incorporation equipment does not damage seed pieces or elongating sprouts.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

RAPESEED (CANOLA)

Apply and incorporate TRIFIC 10G in the spring or in the fall. See instructions for fall application under "Application Timing" in the "General Information" section of this label. Do not apply to rapeseed (canola) in the state of Alaska.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	7.5
Fine	10

SAFFLOWER

Apply and incorporate TRIFIC 10G in the spring before planting or in the fall. See instructions for fall application under "Application Timing" in the "General Information" section of this label.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G	
	Spring Application*	Fall Application**
	(pounds)	(pounds)
Coarse	5	7.5
Medium	6.25 - 7.5	10
Fine	7.5 - 10	12.5

- * Spring Application: Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 to 12.5 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.
- ** TRIFIC 10G may be fall applied to safflower in Arizona, Idaho, Nevada, Oregon, Utah, Washington and Wyoming.

**SMALL GRAINS
(BARLEY, DURUM AND WHEAT)**

General Information

Special Precautions for Use of TRIFIC 10G on Small Grains

Carefully follow directions for use of TRIFIC 10G on small grains to minimize potential crop stress. Under certain conditions, delayed crop emergence and/or stand reduction may occur when TRIFIC 10G is applied to barley, durum or wheat. The combined effect of certain cultural practices and unfavorable soil or environmental conditions may cause excessive crop seedling stress resulting in retarded crop growth, stand reduction and possibly reduced yield.

For Best Results, Observe the Following Cultural Practices or Precautions: Use tillage methods that provide a uniformly firm seedbed and time tillage operations to conserve moisture.

Irrigate prior to planting or after germination and emergence. Moisture received between planting and emergence may cause crusting, especially on loose, friable seedbeds.

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Do not exceed recommended application rates for TRIFIC 10G. This is particularly important on coarse textured or low organic matter soils.

Carefully follow incorporation directions. When applying preplant incorporated treatments, operate equipment at recommended depth and speed to place TRIFIC 10G into the upper 1 to 1.5 inches of soil. If applied after planting, set equipment so as not to disturb planted seed.

Set drills to place seed at the depth specified in use directions. A planting depth greater than 2.5 inches for spring wheat or durum will result in increased seedling stress and decreased emergence.

Use only high quality seed where TRIFIC 10G is to be applied (avoid use of small seed with low starch reserves).

If seed treatments are used, apply at the correct rate and uniformly across all seeds. Misapplication may result in reduced germination and/or seedling vigor.

Avoid use of seed varieties known to have poor seedling (emergence) vigor.

Do not fall apply TRIFIC 10G in combination with any other preplant incorporated herbicide.

Soil Characteristics and Environmental Conditions Which May Contribute to Crop Seedling Stress That May be Accentuated by Use of TRIFIC 10G Include:

Soil Related: High salinity, eroded knolls/hilltops, loose dry soils and compaction.

Weather Related: Cold and/or wet soils, excessively hot soils, excessive moisture, drought, and soil crusting from heavy rainfall.

Note: Do not apply TRIFIC 10G on small grains where a dinitroaniline herbicide such as TRIFIC 10G was applied at a rate recommended for row crops (oil seeds) during the previous growing season.

Incorporation Directions and Equipment for Small Grains

Use incorporation equipment in the manner described below unless otherwise specified in use directions. Any of the following implements listed below may be used for the first incorporation of TRIFIC 10G. Use only the disc or field cultivator for the second incorporation pass and incorporate in a different direction. Poor weed control may result if untreated soil is moved to the surface during the second incorporation pass. To avoid this problem, the second incorporation should not be deeper than the first.

Chisel Plow (may be used for the first incorporation pass only): Operate at 4 to 5 inches deep and at 4 to 6 mph. A chisel plow is defined as having 3 rows of 14- to 18- inch sweeps on no greater than 12-inch centers. Stagger sweeps so that no soil is left unturned. Use of chisel points may result in inadequate soil mixing.

Tandem Disc: Operate at 3 to 4 inches deep and at 4 to 6 mph.

Field Cultivator: Operate at 3 to 4 inches deep and at 5 or more mph. A field cultivator is defined as having 3 to 4 rows of sweeps with "c" or "s" shaped shanks on no greater than 7-inch centers. Stagger sweeps so that no soil is left unturned.

Application Directions for Small Grains

Barley, Spring Seeded - Fall Application for General Weed Control During the Following Season (for use in Minnesota, North Dakota and South Dakota)

For general weed control (except for special rate or use programs) in Minnesota, North Dakota and South Dakota.

Apply in the fall for general weed control during the following growing season. Incorporate one time within 24 hours. Incorporate a second time before planting to destroy existing weeds and insure uniform distribution of TRIFIC 10G in treated soil. For best weed control results, the second incorporation should occur at least 7 days after the first.

Note: See recommendations on incorporation and incorporation equipment at the beginning of the "Small Grains" section.

Planting Directions

Set planting equipment to place seed approximately 2 inches deep.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G (pounds)
Coarse	5
Medium	7.5
Fine	7.5

TRIFIC 10G applied at 7.5 lbs./ acre will provide partial control or suppression of kochia and Russian thistle.

Precaution: While use of this practice may result in a stand reduction, slight stand reductions do not normally affect yield.

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Barley, Spring Seeded - Spring Application for Foxtail (Pigeongrass) Control (for use in Minnesota, North Dakota and South Dakota)
Apply in the spring as a preplant incorporated treatment for foxtail (pigeongrass) control in spring seeded barley.

Incorporate one time within 24 hours. Incorporate a second time before planting to destroy existing weeds and insure uniform distribution of TRIFIC 10G in treated soil. For best weed control results, the second incorporation should occur at least 7 days after the first.

Note: See recommendations on incorporation and incorporation equipment at the beginning of the "Small Grains" section.

Planting Directions

Set planting equipment to place seed approximately 2 inches deep.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	5
Fine	5

Precaution: While use of this practice may result in a stand reduction, slight stand reductions do not normally affect yield.

Barley, Spring Seeded - Spring Application for Foxtail (Pigeongrass) Control in Barley Used as a Cover Crop or in the Acreage Conservation Reserve Program (for use in Minnesota, North Dakota and South Dakota)

Apply in the spring as a preplant incorporated treatment for foxtail (pigeongrass) control in spring seeded barley used as a cover crop or to acreage in the conservation reserve programs.

Incorporate one time within 24 hours. Incorporate a second time before planting to destroy existing weeds and insure uniform distribution of TRIFIC 10G in treated soil. For best weed control results, the second incorporation should occur at least 7 days after the first.

Note: See recommendations on incorporation and incorporation equipment at the beginning of the "Small Grains" section.

Planting Directions

Set planting equipment to place seed approximately 2 inches deep.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	7.5
Fine	7.5

Precaution: Use of this practice may result in a slight stand reduction. Follow the most severe grazing restrictions imposed by either the label for TRIFIC 10G or the USDA Acreage Conservation Reserve Program, whichever is longest. Consult the local ASCS office or other state agency to determine the period of USDA grazing restriction.

Spring Seeded Wheat or Durum - Fall Application for Foxtail (Pigeongrass) Control During the Following Growing Season

Apply in the fall for foxtail (pigeongrass) control during the following growing season. Incorporate one time within 24 hours. Incorporate a second time before planting to destroy existing weeds and insure a uniform distribution of TRIFIC 10G in treated soil.

Note: See recommendations on incorporation and incorporation equipment at the beginning of the "Small Grains" section.

Planting Directions

Set planting equipment to place seed approximately 2 inches deep.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	5
Fine	7.5

Precaution: While use of this practice may result in a stand reduction, slight stand reductions do not normally affect yield.

17921

Winter Wheat - TRIFIC 10G Preplant Incorporated for Control of Cheatgrass and Other Annual Grasses (for use in Idaho, Oregon and Washington)

Apply TRIFIC 10G as a preplant incorporated treatment up to 3 weeks before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	7.5
Medium	7.5
Fine	10

Incorporation Directions

Incorporate TRIFIC 10G with a flexible tine-tooth harrow (Flextine or Melroe), set to cut 1 to 2 inches deep and operate at 3 to 6 mph. Thorough incorporation requires 2 incorporation passes over the field in different directions. Incorporate 1 time within 24 hours after application. A second incorporation pass prior to planting should occur at least 5 days after the first. Do not till the soil with a disc after TRIFIC 10G has been incorporated with a flexible tine harrow.

Planting Directions

Use only a deep furrow or semi-deep furrow drill that will place the seed below the zone into which TRIFIC 10G has been incorporated.

Precaution: Do not plant wheat directly into the zone of soil treated with TRIFIC 10G as crop injury (delayed emergence or stand reduction) may occur. Delayed emergence or slight stand reduction does not normally affect yield.

Winter Wheat - Fallow Soil Application of TRIFIC 10G for Annual Grass Control Prior to Planting (for use in Idaho, Oregon and Washington)

Apply and shallowly incorporate TRIFIC 10G up to 4 months before planting to control cheatgrass and certain other annual grasses and broadleaf weeds during the fallow period and during the following growing season. Apply any time from May to September prior to fall planting of winter wheat.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	7.5
Medium	7.5
Fine	10

Incorporation Directions

Incorporate TRIFIC 10G with a flexible tine-tooth harrow (Flextine or Melroe), set to cut 1 to 2 inches deep and operate at 3 to 6 mph. Thorough incorporation requires 2 incorporation passes over the field in different directions. Incorporate 1 time within 24 hours after application. A second incorporation pass prior to planting should occur at least 5 days after the first. Do not till the soil with a disc after TRIFIC 10G has been incorporated with a flexible tine harrow.

Planting Directions

Use only a deep furrow or semi-deep furrow drill that will place the seed below the zone into which TRIFIC 10G has been incorporated.

Precaution: Do not plant wheat directly into the zone of soil treated with TRIFIC 10G as crop injury (delayed emergence or stand reduction) may occur. Delayed emergence or slight stand reduction does not normally affect yield.

Summer Fallow Weed Control with TRIFIC 10G Followed by Spring Seeded Wheat, Durum or Barley

TRIFIC 10G may be applied to coarse, medium and fine textured soils for control of labeled weeds in the summer fallow period and for pigeongrass (foxtail) control in wheat, durum and barley seeded the following spring. TRIFIC 10G may be applied to standing stubble or land which has been fallowed or pretilled. Existing weeds, surface trash or crop litter should be reduced by tillage if present in quantities that will prevent uniform soil incorporation. The first incorporation is required within 24 hours after application. The second incorporation may occur in conjunction with tillage to destroy resistant weed growth during the remainder of the fallow year. During the fallow year, susceptible weeds may not be controlled until after the second incorporation.

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BROADCAST APPLICATION RATE/ACRE

Application Date	TRIFIC 10G	
	Areas With Less Than 10 inches Annual Rainfall	All Other Areas
April 15 - April 30	(pounds) 8.75	(pounds) 10
May 1 - May 31	7.5 - 8.75	8.75 - 10
June 1 - June 30	6.25 - 7.5	7.5 - 8.75
July 1 - July 31	5 - 6.25	6.25 - 7.5
August 1 - August 31	5	5 - 6.25

Where a rate range is shown, use the higher rate per acre during the early part of an application period and the lower rate per acre during the latter part of an application period.

Incorporation

See recommendations on incorporation and incorporation equipment at the beginning of the "Small Grains" section.

Seeding Direction

Wheat, durum or barley should be seeded approximately 2 inches deep.

Precaution: While use of this practice may result in a stand reduction, slight stand reductions do not normally affect yield.

SOYBEANS

Apply and incorporate TRIFIC 10G in the spring prior to planting or in the fall. See instructions for fall application under "Application Timing" in the "General Information" section of this label.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G	
	Spring Application*	Fall Application**
Coarse	(pounds) 5	(pounds) 10
Medium	7.5	10
Fine	10	12.5

* Spring Application: Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.

** Fall Application: Use rates for soybeans grown in Alabama, Arkansas, Northern Florida, Georgia, Louisiana, Mississippi, Southeastern Missouri (Bootheel), North Carolina, Oklahoma, South Carolina, Tennessee and Texas. For soybeans grown in areas other than those listed above, fall apply TRIFIC 10G at broadcast rates recommended for areas receiving greater than 20 inches of annual rainfall and irrigation.

Precaution: Do not apply TRIFIC 10G in the fall to soils which are wet or subject to prolonged periods of flooding, or where rice was grown the previous year.

Preemergence Overlay Applications Following TRIFIC 10G (not for use in California)

Apply TRIFIC 10G as a preplant incorporated treatment. Additional weeds tolerant to TRIFIC 10G may be controlled using preemergence overlay applications of Canopy, Dual, Gemini, Judge, Lasso, Lexone, Lorox, Lorox Plus, Preview, Pursuit*, Scepter**, Sencor or other products registered for use on soybeans. Such treatments may be made, unless use following a TRIFIC 10G application is specifically prohibited by the product label. Consult the overlay product label or additional weeds controlled, directions for use, cautions and limitations before use.

* The use of Pursuit is limited to certain states. Use Pursuit as an overlay treatment following TRIFIC 10G only in states specified on the Pursuit label.

** Use of Scepter is limited to certain states. Do not use Scepter as a preemergence overlay application following a TRIFIC 10G preplant incorporated treatment in the "Northern Use Area" as defined by the Scepter label.

Postemergence Treatments Following TRIFIC 10G (not for use in California)

Apply TRIFIC 10G as a preplant incorporated treatment. Additional weeds tolerant to TRIFIC 10G may be controlled using postemergence applications of Basagran, Blazer, Classic, Cobra, Galaxy, Pinnacle, Pursuit*, Reflex, Scepter**, Storm, Tackle, or other products registered for use on soybeans. Such treatments may be made, unless use following a TRIFIC 10G application is specifically prohibited by the product label. Consult the overlay or postemergence product label for additional weeds controlled, directions for use, cautions and limitations before use.

* The use of Pursuit is limited to certain states. Use Pursuit as an overlay treatment following TRIFIC 10G only in states specified on the Pursuit label.

** Use of Scepter is limited to certain states. Do not use Scepter as a preemergence overlay application following a TRIFIC 10G preplant incorporated treatment in the "Northern Use Area" as defined by the Scepter label.

SUGAR BEETS

Apply and incorporate TRIFIC 10G when sugar beets are 2-6 inches tall.

Precautions: Exposed sugar beet roots should be covered with soil before applying TRIFIC 10G to reduce the possibility of girdling. When incorporating, set equipment to move treated soil into the row. Set incorporation equipment carefully so as to prevent damage to sugar beet tap root.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	6.25 - 7.5

Use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

SUGARCANE

Apply and incorporate TRIFIC 10G twice a year. Make the first application in the fall on firmly packed beds immediately after the seed pieces are planted. Make a second application in the spring before or shortly after the cane emerges. Loosen rain-packed beds 2-3 inches deep before spring application. Take care that incorporation equipment does not damage the seed pieces or merging shoots.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
All Soil Textures	10-20

Application rate range may be adjusted according to weed pressure.

Applications up to Layby for Plant Cane or Ratoon Cane (for use in Louisiana and Texas)

Apply and incorporate TRIFIC 10G in the spring from shortly before or after cane emergence until layby. Apply after beds have been shaved or false shaved. Loosen rain-packed beds 2-3 inches deep before application. Avoid incorporation equipment damage to seed pieces or emerging shoot. Incorporate with a rolling cultivator or bed chopper for all soil textures. Set rolling cultivator to cut 2 to 4 inches deep and operate at 6 to 8 mph. Set bed chopper to cut 3 to 4 inches deep and operate at 4 to 6 mph. Two incorporation passes are necessary.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
All Soil Textures	10-20

Application rate range may be adjusted according to weed pressure.

Itchgrass (Ragulgrass) Control (for use in Louisiana)

Apply and incorporate TRIFIC 10G on plant or ratoon cane. Follow use directions in preceding section for layby application.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
All Soil Textures	10-20

Application rate range may be adjusted according to weed pressure.

SUNFLOWER

Apply and incorporate TRIFIC 10G in the spring or in the fall between September 15 and December 31 in Minnesota, North Dakota, and South Dakota, and between October 15 and December 31 in other states.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

Coarse and medium soils with 2%-5% organic matter - 7.5-10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

TOMATO

For direct seeded tomato, apply TRIFIC 10G at blocking or thinning to the soil between rows and beneath plants and incorporate. For transplant tomato, apply and incorporate prior to transplanting only. Do not apply TRIFIC 10G after transplanting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5 - 10

Coarse and medium soils with 2%-5% organic matter - 7.5 lbs.; fine soils with 2%-5% organic matter - 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

**TREE AND VINE CROPS
CITRUS, FRUIT AND NUT CROPS AND VINEYARDS**

Application to New Plantings of Citrus, Fruit and Nut Crops

For new plantings of almond, apricot, grapefruit, lemon, nectarine, orange, peach, pecan, plum, prune, tangelo, tangerine and walnut trees, apply and incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5
Medium	6.25 - 7.5
Fine	7.5

All soils with 2%-5% organic matter - 7.5 to 10 lbs.; all soils with 5%-10% organic matter - 10 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

Application to New Planting of Vineyards

For new planting of vineyards, apply and incorporate TRIFIC 10G before planting.

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
	(pounds)
Coarse	5 - 7.5
Medium	7.5 - 15
Fine	15 - 20

All soils with 2%-10% organic matter - 15 to 20 lbs.; use lower rate in rate range in areas receiving less than 20 inches total annual rainfall and irrigation.

Note: Do not use more than 10 lbs./acre on heat treated grape rooting.

Application to Established Non-bearing and Bearing Citrus, Fruit and Nut Crops and Vineyards

TRIFIC 10G may be applied in established non-bearing and bearing vineyards and plantings of almond, apricot, grapefruit, lemon, nectarine, orange, peach, pecan, plum, prune, tangelo, tangerine and walnut trees. In established plantings, apply to the soil surface and use incorporation methods not injurious to the crop. Do not apply to vineyards within 60 days of harvest.

21921

BROADCAST APPLICATION RATE/ACRE

Soil Texture	TRIFIC 10G
All Soil Textures	(pounds) 10-20

Use the higher rate in the rate range for longer-term weed control.

UNDER PAVED SURFACES

Directions for Use and Site Preparation

TRIFIC 10G should be used only where the area to be treated has been prepared according to good construction practices. If rhizomes, stolons, tubers or other vegetative plant parts are present in the site, they should be removed by scalping with grader blade to a depth sufficient to insure their complete removal.

Application should be made only when final grade is established or after additions of base rock. Do not move soils following TRIFIC 10G application and do not apply TRIFIC 10G to areas where asphalt is to be laid directly on top of soil. Paving should follow TRIFIC 10G applications as soon as possible.

Application Directions

Apply TRIFIC 10G to insure thorough coverage of the base rock layer. Apply with any granular applicator that will apply uniformly. Apply the following amount of TRIFIC 10G:

BROADCAST APPLICATION RATE/ACRE

Per 1,000 Sq. Ft.	Per Acre
2.75 to 3.75 pounds	120 to 160 pounds

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.