

COMPLAINT OF HUMAN EXPOSURE OR UNSAFE CONDITION

COMPLAINANT'S NAME [REDACTED]			TELEPHONE NUMBER (Include Area Code) [REDACTED]		
ADDRESS N/A		CITY N/A	STATE N/A	ZIP CODE N/A	
DATE OCCURRED ONGOING	NUMBER OF PERSONS EXPOSED TO CONDITION UNKNOWN	IS EXPOSURE CONTINUING? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	WAS A DOCTOR SEEN? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		DOCTOR'S TELEPHONE (Include Area Code) N/A
DOCTOR'S NAME N/A		DOCTOR'S ADDRESS (Number and Street, City, State, ZIP Code) N/A			

LOCATION OF EXPOSURE OR CONDITION (Be Specific)

Doris Davies Park
16451 Pebble Beach Dr
Victorville, CA 92395

COUNTY
SAN BERNARDINO

DESCRIPTION OF EXPOSURE OR CONDITION

"This city park mentioned in Victorville, CA. (Doris Davies) has a employee spraying weed killer that appears not to be Roundup in gallons. This herbicide smells toxic as we know Roundup has a blue eye. This City of Victorville employee has sprayed gallons and gallons of this chemical over the last week. My wife and I had got ill from this spraying as well as another visitor and child had got nausea and headache from the spray.

NAME OF PESTICIDE/MANUFACTURER TRIMEC	REGISTRATION NUMBER FROM LABEL 2217-517-ZA
DOSE/DILUTION/VOLUME 2 OZ PER 1 GAL	COMMODITY/SITE TREATED BASEBALL FIELD
NAME OF PERSON OR FIRM ALLEGEDLY RESPONSIBLE [REDACTED]	OWNER OR OPERATOR OF PROPERTY TREATED CITY OF VICTORVILLE
OCCUPATIONAL SITUATION <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	OCCUPATION APPLICATOR

Important! You do not need to complete this portion of the form unless the complaint is the result of an occupational situation.	EMPLOYER'S NAME	TELEPHONE NUMBER (Include Area Code)	
	ADDRESS	CITY	STATE ZIP CODE
	TYPE OF BUSINESS		
	SUPERVISOR'S NAME	TITLE	
	COMPLAINT IS: <input type="checkbox"/> FORMAL <input type="checkbox"/> INFORMAL		
	EMPLOYEE CONFIDENTIALITY PURSUANT TO SECTION 6309 OF THE LABOR CODE:		I PERMIT THE DISCLOSURE OF MY NAME
		I PERMIT THE DISCLOSURE OF THIS INFORMATION	<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby certify that the above, to the best of my knowledge, is true and correct.

CLAIMANT'S SIGNATURE Filled out by Sean Tracy Ag Standards Officer IV	DATE
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FOR DEPARTMENT USE ONLY
DATE RCVD BY DEPT: 8/23/2019
DATE ASSIGNED: 8/26/2019
ASSIGNED TO: Sean Tracy

RECEIVED BY: Renee Reid
COMPLAINT NO.: INV-36-20190826-065
DATE CLOSED: 5/12/2020 by Renee Reid, Deputy Agricultural Commissioner/Sealer

COMPLAINT

CASE #19-0826-01

Summary: On August 23, 2019, [REDACTED] observed a City of Victorville employee applying pesticide at Doris Davies Park located at 16451 Pebble Beach Dr. Victorville, CA 92395. According to [REDACTED], the City of Victorville employee had sprayed "Gallons and Gallons" of the chemical over the course of the week and that [REDACTED] and his wife, as well as two other individuals, had suffered from nausea, headaches, and other illness as a result of the over spraying. In addition, [REDACTED] alleged that the chemical was applied with no regard to public safety and no measures were taken to inform the public of the application.

Background Information: On August 23, 2019 this investigation was received by the San Bernardino County Agricultural Commissioner's office and assigned to me, Sean Tracy, Agricultural Standards Officer IV, on August 26, 2019, by Renee Reid, Deputy Agricultural Commissioner. The complaint was originally submitted to the U.S. Environmental Protection Agency on August 21, 2019, who forwarded it the California Department of Pesticide Regulation on August 23, 2019, who in turn forwarded it the San Bernardino County Agricultural Commissioner's office that same day (Attachment 1).

Violations: Unable to be determined.

Witnesses:

[REDACTED] Edward Sohm, City of Victorville Park Supervisor (760) 955-5271

Investigation and Statements: On August 27, 2019, at 3:52PM, I interviewed the complainant, [REDACTED] [REDACTED]. He reiterated his initial written complaint, which was that, "This City of Victorville employee has sprayed gallons and gallons of this chemical over the last week. My wife and I had got ill from this spraying, as well as another visitor and child who had got nausea and headache from the spray. This employee of Victorville has sprayed this park until the air has a chemical smell that will not go away." In addition he stated that he had taken pictures (Attachment 2) that proved that the employee in question, [who was later identified by [REDACTED] be [REDACTED] (QAC# [REDACTED]), was spraying in an unsafe manner, as well as not wearing proper safety equipment. I asked [REDACTED] about the health issues that he and his wife, and the other two individuals had experienced. He said that the [REDACTED] had not sought medical attention and he did not know the two other people.

On August 28, 2019 at 9:10, I inspected Doris Davies Park. When I was walking around the park I did note a chemical smell in the air that was heavily concentrated around the pool and public restrooms, but it smelled like chlorine.

On August 29, 2019 at 3:20PM, I spoke with [REDACTED] who is the Parks Supervisor for the City of Victorville. Mr. Sohm stated that applications had been performed by three separate applicators throughout the month of August; they were [REDACTED] (Attachment 3), [REDACTED]. There were three separate pesticides applied at the park, Princep 4L (EPA #100-526-ZG), Ranger Pro Herbicide (EPA #524-517-ZB), and Trimec (EPA #2217-517-ZA) (Attachment 4). When asked on what is the procedure to reduce the risk of exposure by the general public to the pesticides during an application, [REDACTED] stated, "When staff sprays within a park they are trained to do so when there is minimal impact to the general public, when little to no people are within the park or within the area being treated. If patrons are close to an area being treated staff has been trained to notify them to remain out of the sprayed area until it is dry. Since staff is spraying only a mist and with our low humidity, it is usually dry while they are still within the area."

Findings: Based on the initial complaint by [REDACTED], I have found no violations on the part of the City of Victorville. The applicator in question, [REDACTED], was wearing the proper personal protective equipment required by the various products used and was a licensed applicator whose pesticide use was well within the listed dilution rates on the product labels. In addition, the chemical odor permeating throughout the park could not be identified as a pesticide but seemed to be localized to the pool and public restrooms and not around the landscaping. The rest of the complaint concerning possible illnesses due to exposure could not be verified and neither [REDACTED] nor his wife sought medical attention. No incident report or complaint has been filed by the other two individuals in the park and their identities remain unknown. It cannot be determined that the treated area at Doris Davies Park was still wet from the pesticide application when [REDACTED] visited the park on or about August 21, 2019, the date of the initial complaint. This investigation is now closed.

Attachments:

1. Email chain of complaint submitted by [REDACTED], dated August 23, 2019. 3 pp.
2. Pictures of Doris Davies Park, Victorville, and applicator provided by [REDACTED]. 3pp.
3. Copy of [REDACTED] QAC license. 1 p.
4. Pesticide application records for the City of Victorville, August 2019. 3 pp.
5. Label for Ranger Pro Herbicide (EPA Reg. No. 524-517). 7 pp.
6. Label for Princep 4L Herbicide (EPA Reg. No. 100-526). 20 pp.
7. Label for Trimec Turf Herbicide (EPA Reg. No. 2217-517). 2 pp.

Reid, Renee

From: Willhite, Roberta
Sent: Friday, August 23, 2019 2:15 PM
To: Reid, Renee
Cc: Lampman, Allen
Subject: FW: (FIFRA - FY19-192847-3710-CV) Regional Tip and/or Complaint - California

Follow Up Flag: Follow up
Flag Status: Flagged

Bobbie Willhite

Agricultural Commissioner / Sealer
Agriculture / Weights & Measures
Phone: 909-387 2117
Fax: 909-387-2449
777 East Rialto Ave.
San Bernardino, CA 92415-0720



Our job is to create a county in which those who reside and invest can prosper and achieve well-being.
www.SBCounty.gov

From: Hughes, Brian@CDPR <Brian.Hughes@cdpr.ca.gov>
Sent: Friday, August 23, 2019 10:49 AM
To: Willhite, Roberta <rwillhite@awm.sbcounty.gov>
Cc: Lampman, Allen <alampman@awm.sbcounty.gov>; Motakef, Jahan@CDPR <Jahan.Motakef@cdpr.ca.gov>; Downing, Ann@CDPR <Ann.Downing@cdpr.ca.gov>; Taing, Stephanie@CDPR <Stephanie.Taing@cdpr.ca.gov>; Naef, Parissa@CDPR <Parissa.Naef@cdpr.ca.gov>
Subject: FW: (FIFRA - FY19-192847-3710-CV) Regional Tip and/or Complaint - California

Dear Commissioner Willhite,

On August 23, 2019, DPR received the following complaint from the USEPA. I am forwarding this to you for your consideration.

Thank you in advance for any assistance you can provide.

Brian Hughes
Special Investigator
Department of Pesticide Regulation
Enforcement Branch
916-445-3894
Brian.Hughes@cdpr.ca.gov

Fabiola Estrada
Pesticides Section
EPA Southern California Field Office
600 Wilshire Blvd, Suite 940
Los Angeles, CA 90017
(213) 244-1803
<https://www.epa.gov/pesticide-worker-safety>
<https://www.epa.gov/managing-pests-schools>

From: McWhorter, Scott <mcwhorter.scott@epa.gov>
Sent: Friday, August 23, 2019 10:13 AM
To: Sylls, Gene <Sylls.Gene@epa.gov>; TenBrook, Patti <TenBrook.Patti@epa.gov>; McDaniel, Doug <McDaniel.Doug@epa.gov>
Cc: Estrada, Fabiola <Estrada.Fabiola@epa.gov>; Salazar, Matt <Salazar.Matt@epa.gov>; TROMBADORE, CLAIRE <Trombadore.Claire@epa.gov>
Subject: RE: (FIFRA - FY19-192847-3710-CV) Regional Tip and/or Complaint - California

From: sylls.gene@epa.gov <sylls.gene@epa.gov>
Sent: Friday, August 23, 2019 10:06 AM
To: TenBrook, Patti <TenBrook.Patti@epa.gov>; McWhorter, Scott <mcwhorter.scott@epa.gov>; McDaniel, Doug <McDaniel.Doug@epa.gov>
Subject: FWD: (FIFRA - FY19-192847-3710-CV) Regional Tip and/or Complaint - California

08/23/2019

SUBJECT: FWD: (FIFRA - FY19-192847-3710-CV) Regional Tip and/or Complaint - California
FROM: sylls.gene@epa.gov
TO: TenBrook.Patti@epa.gov, mcwhorter.scott@epa.gov, mcdaniel.doug@epa.gov
CC:

The following tip is from the US EPA National Tips Database. This information is being provided to you for whatever action you deem appropriate. Please follow up or notify the appropriate agency.

-----Original Message-----

8/21/2019 4:46 PM

HQ LEAD NUMBER: FY19-192847-3710-CV

SUBJECT: Regional Tip and/or Complaint - California

FROM: [REDACTED]

TO:

Name [REDACTED]

Phone [REDACTED]

Alleged Violator's Name: City of Victorville Ca.

Alleged Violator's Address: Doris Davies Park

Alleged Violator's City: Victorville

Alleged Violator's State: California

Alleged Violator's Zip: 92395

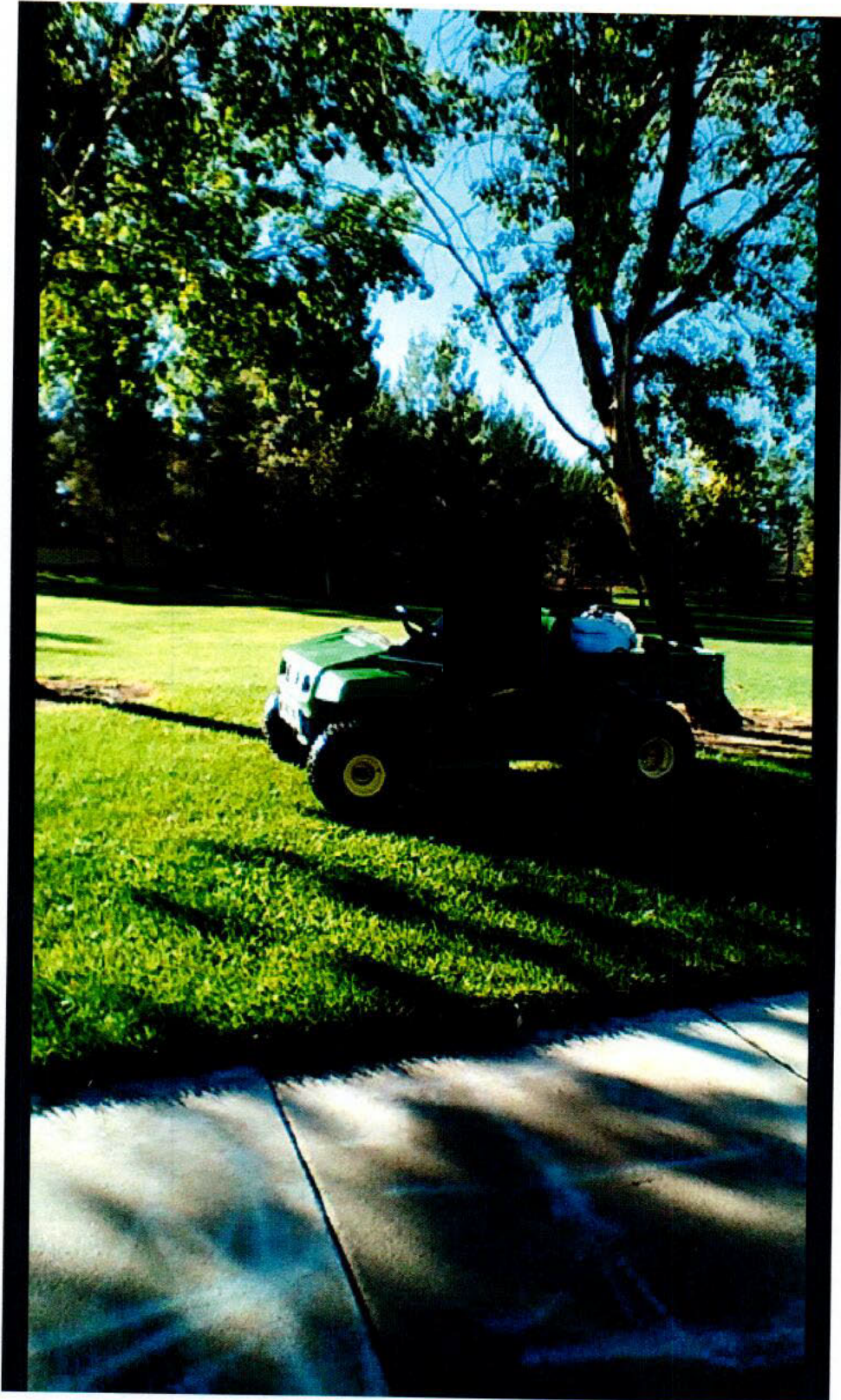
Submitter IP Address: 108.121.59.117

Tip or Complaint: This city park mentioned in Victorville ca. (Doris Davies) has a employee spraying weed killer that appears not to be round up in gallons. This herbaside smells toxic as we know that Round Up has a blue dye. This city of Victorville employee has sprayed gallons and gallons of this chemical over the last week. My wife and I had got ill from this spraying as well as another visitor and child had got nausea and head head ake from the spray. This employee of Victorville has sprayed this park until the air has a chemical smell that will not go away. We contacted the city regarding the spraying and got a run around. We contacted the city to post a warning to citizens and visitors that spraying is occurring or will. Nothing had been posted. And the city told us that only 38 ounces can be sprayed. If more has to be sprayed the city has to contact the San Bernardino county and get permission, post warnings, and notify the public. This employee has sprayed gallons and gallons of this chemical in this park until its of a toxic levels. The smell of this is horrific in this park where children play and others visit. And its not going away anytime soon. Very very bad smell from spraying of the weed killer. Its toxic and of toxic levels. We contacted the city again to inform them of the exseseive spraying by this employee of the weed killer and got a response back that it be as not toxic and safe. That's BS and we have documented the exseseive spraying and how many times this park was sprayed. It's gallons and gallons of chemicals not ounces from a cart that has a 10 or 20 gallon sprayer. The whole park in this area smells like chemicals. Even after days it smells like chemicals and makes you nauseous and gives you a head ache after sprayed. And still no warnings or signs to warn public. Can you please look into this issue ASAP. We are positive that it was over sprayed and contaminated by a park employee that has no training or safty instructions or proper instructions and has contaminated the ground soil, possible water and any land or residential property with in one block of that park. We had to take a pet to the vet because of exposure and it was deemed that our pet was exposed to a toxic chemical. We are positive it was because of this issue of over and exseseive spraying from the city employee.

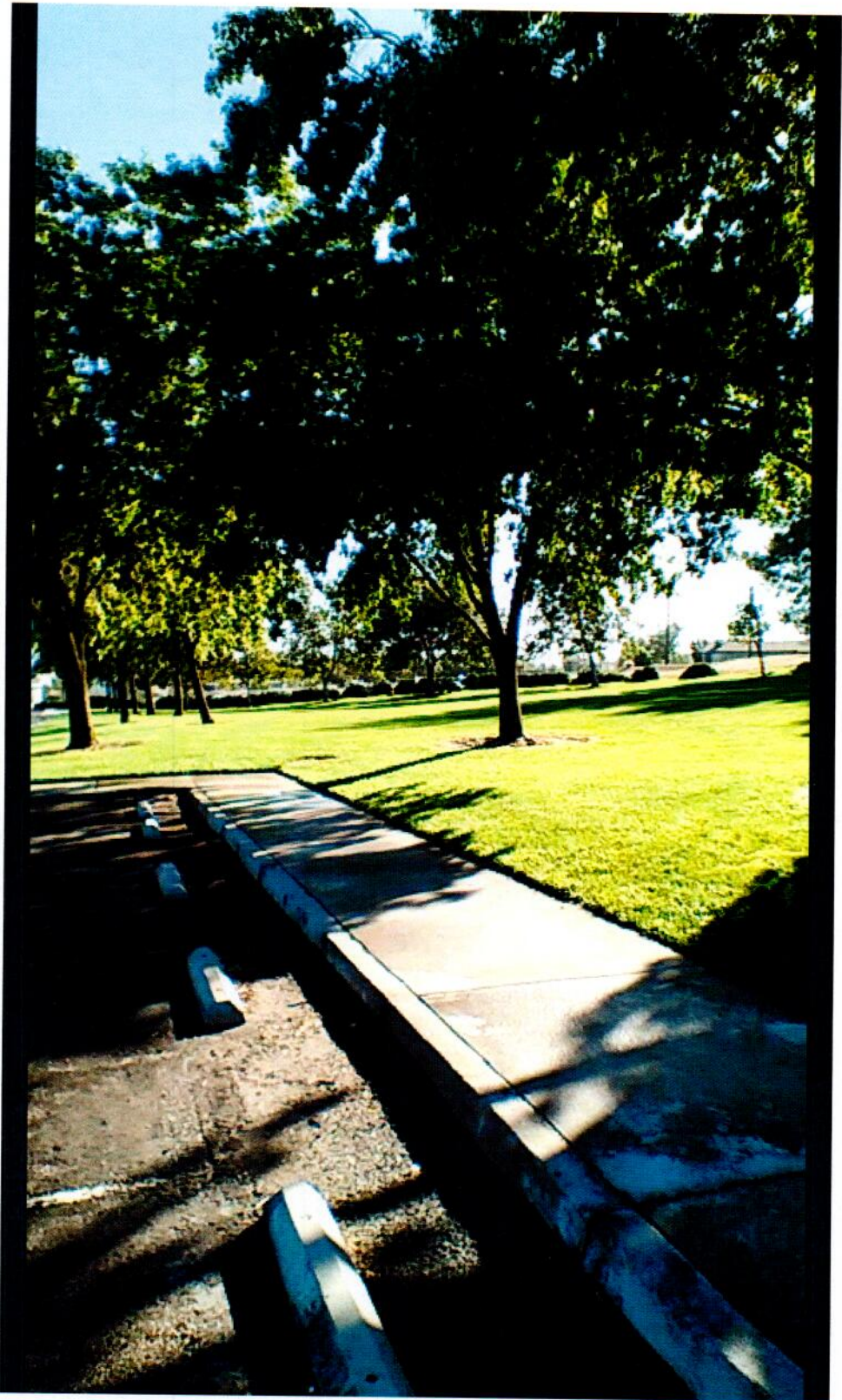
Violation Still Occurring? Yes

State DEP/DEQ/DEM Notified? No

CONFIDENTIALITY NOTICE: This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure, or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message.









DEPARTMENT OF PESTICIDE REGULATION
LICENSING/CERTIFICATION PROGRAM



QAC

QUALIFIED APPLICATOR CERTIFICATE

LICENSE # [REDACTED]

EXPIRES: 12/31/2019

Categories: B

Issued: 5/1/2018

[REDACTED]

17826 W LAWN ST
HESPERIA, CA, 92345



This License must be shown to any representative of the Director or Commissioner upon request.

GROUP 0 HERBICIDA

Ranger^{PRO} Herbicida

El herbicida Ranger PRO[®] es un herbicida profesional completo de postemergencia y de amplia efectividad, para el control de malezas en zonas industriales, céspedes y ornamentals.

EVITE EL CONTACTO DEL HERBICIDA CON EL FOLLAJE, TALLOS, RAICES NO LEROSAS EXPUESTAS O FRUTOS EXPUESTOS DE LAS COSECHAS, PLANTAS Y ARBOLES DESEABLES. EN CASO CONTRARIO ES PROBABLE QUE SUFRAN GRAVES DAÑOS O SEAN DESTRUIDOS TOTALMENTE.

100% LIMIT OF WARRANTY AND LIABILITY

Monsanto Company warrants that this product conforms to the chemical description on the label and is recommended for the purposes set forth in the Complete Directions for the label product ("Directions") when used in accordance with the label product ("Directions") and the label product ("Directions").

NO WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY MADE. The warranty is limited to the conditions stated herein.

WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY MADE. The warranty is limited to the conditions stated herein.

For all uses or damage from use or handling which results from conditions beyond the control of Monsanto, including but not limited to, transportation, handling, storage, application, weather conditions, soil conditions, and other factors beyond the control of Monsanto, Monsanto shall not be liable for the loss of or damage to the crop, plant, or animal, or for the loss of or damage to the property of the user, or for the loss of or damage to the person or animal applying the product, or for the loss of or damage to the person or animal applying the product, or for the loss of or damage to the person or animal applying the product.

Except as otherwise indicated on the label, this product is not recommended for use on the crops, plants, or animals listed herein.

For the most complete and current information on this product, contact your local Monsanto representative or visit our website at www.monsanto.com.

©2015 MONSANTO COMPANY
ST. LOUIS, MISSOURI 63107 USA
012510

GROUP 0 HERBICIDA

Ranger^{PRO} Herbicida

Manténgase fuera del alcance de los niños.

¡PRECAUCIÓN! Lea las precauciones de seguridad de la etiqueta.

Evite el contacto con la piel, los ojos, la ropa y el equipo. Si los cristales de los ojos se contaminan, enjuague con abundante agua.

Evite el contacto con la piel, los ojos, la ropa y el equipo. Si los cristales de los ojos se contaminan, enjuague con abundante agua.

Evite el contacto con la piel, los ojos, la ropa y el equipo. Si los cristales de los ojos se contaminan, enjuague con abundante agua.

Instrucciones completas para el uso

Manténgase fuera del alcance de los niños.

¡PRECAUCIÓN! Lea las precauciones de seguridad de la etiqueta.

Evite el contacto con la piel, los ojos, la ropa y el equipo. Si los cristales de los ojos se contaminan, enjuague con abundante agua.

Evite el contacto con la piel, los ojos, la ropa y el equipo. Si los cristales de los ojos se contaminan, enjuague con abundante agua.

Evite el contacto con la piel, los ojos, la ropa y el equipo. Si los cristales de los ojos se contaminan, enjuague con abundante agua.

Monsanto Reference ID # 2018-NINY217

82. Preparación del lugar para forestación
 Este producto puede ser utilizado para establecer o reestablecer un cultivo de árboles, arbustos o plantas ornamentales, y para preparar el terreno para la siembra de semillas. Este producto puede ser utilizado para preparar el terreno para la siembra de semillas, para establecer o reestablecer un cultivo de árboles, arbustos o plantas ornamentales, y para preparar el terreno para la siembra de semillas. Este producto puede ser utilizado para preparar el terreno para la siembra de semillas, para establecer o reestablecer un cultivo de árboles, arbustos o plantas ornamentales, y para preparar el terreno para la siembra de semillas.

83. Arbos generales y áreas infestadas
 Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras.

84. Muejlo de hidratos
 Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras.

85. Plagas ornamentales, venenos y ácidos de Nardal
 Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras.

86. Was de ferrocarril
 Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras.

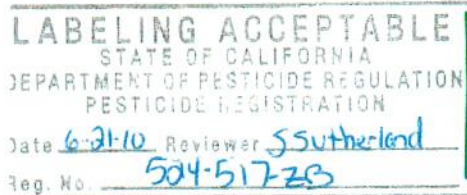
87. Parques, áreas recreativas y instalaciones
 Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras.

88. Insectos blancos y ácidos
 Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras. Este producto puede ser utilizado para controlar las plagas de insectos, ácaros, nematodos, enfermedades fúngicas y bacterianas, y para controlar las plagas de plantas invasoras.

SUPPLEMENTAL LABELING

READ THE ENTIRE LABEL FOR RANGER PRO® HERBICIDE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

When using Ranger PRO Herbicide as permitted according to this supplemental labeling, read and follow all applicable directions, restrictions, and precautions on the label booklet provided with the pesticide container and on this supplemental labeling. This supplemental labeling must be in the possession of the user at the time of pesticide application.



Ranger

PRO® Herbicide

EPA Reg. No. 524-517

Ranger PRO is a trademark
of Monsanto Technology LLC.

LIMITATIONS ON AERIAL APPLICATION IN CALIFORNIA ONLY, INCLUDING FRESNO COUNTY, CALIFORNIA

Keep out of reach of children.

CAUTION!

In case of an emergency involving this product, Call Collect, day or night, 314-694-4000.

DIRECTIONS FOR USE

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

This labeling must be in the possession of the user at the time of herbicide application.

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

See "PRODUCT INFORMATION" and "MIXING" sections of the label booklet for Ranger PRO Herbicide for essential product performance information.

All labeled treatments may be made by aerial equipment where appropriate, provided that the applicator complies with the precautions and restrictions specified on this supplemental labeling and in the product label booklet. Refer to Aerial Equipment in the "APPLICATION EQUIPMENT AND TECHNIQUES" section of the product label for additional information. Refer to the individual use site section of the product label, or to other supplemental labeling or technical fact sheets published separately for this product by Monsanto, for specific use instructions.

AVOID DRIFT—DO NOT APPLY WHEN WINDS ARE GUSTY OR UNDER ANY OTHER CONDITION WHICH FAVORS DRIFT. DRIFT MAY CAUSE DAMAGE TO ANY VEGETATION CONTACTED TO WHICH TREATMENT IS NOT INTENDED. TO PREVENT INJURY TO ADJACENT DESIRABLE VEGETATION, APPROPRIATE BUFFER ZONES MUST BE MAINTAINED.

Use the following guidelines when aerial applications are made near crops or desirable perennial vegetation after bud break and before total leaf drop, and/or near other desirable vegetation or annual crops.

1. Do not apply within 100 feet of all desirable vegetation or crop(s).
2. If wind up to 5 miles per hour is blowing toward desirable vegetation or crop(s), do not apply within 500 feet of the desirable vegetation or crop(s).
3. Winds blowing from 5 to 10 miles per hour toward desirable vegetation or crop(s) may require buffer zones in excess of 500 feet.
4. Do not apply when winds are in excess of 10 miles per hour or when inversion conditions exist.

When applied as directed under the conditions described, this product controls annual and perennial weeds listed in the label booklet.

When tank-mixing this product with 2,4-D, only 2,4-D amine formulations may be used for aerial application in California. Tank mixtures with 2,4-D amine formulations may be applied by air in California for fallow and reduced tillage systems, and for alfalfa and pasture renovation applications only.

This product, when tank-mixed with dicamba, may not be applied by air in California.

**ADDITIONAL INFORMATION FOR
FRESNO COUNTY, CALIFORNIA**

The following information applies only from February 15 through March 31 within the following boundaries of Fresno County, California:

North:	Fresno County line
South:	Fresno County line
East:	State Highway 99
West:	Fresno County line

Always read and follow the label directions and precautionary statements for all products used in the aerial application.

Observe the following directions to minimize off-site movement during aerial application of this product. Minimization of off-site movement is the responsibility of the grower, Pest Control Advisor and aerial applicator.

Written Recommendations

A written recommendation MUST be submitted by or on behalf of the applicator to the Fresno County Agricultural Commissioner 24 hours prior to the application. This written recommendation MUST state the proximity of surrounding crops, and that conditions of each manufacturer's product label and this label have been satisfied.

Aerial Applicator Training and Equipment

Aerial application of this product is limited to pilots who have successfully completed a Fresno County Agricultural Commissioner and California Department of Pesticide Regulation approved training program for aerial application of herbicides. All aircraft must be inspected, critiqued in flight and certified at a Fresno County Agricultural Commissioner approved fly-in. Test and calibrate spray equipment at intervals sufficient to insure that proper rates of herbicides and adjuvants are being applied during commercial use. Applicator must document such calibrations and testing. Demonstration of performance at Fresno County Agricultural Commissioner approved fly-ins constitutes such documentation, or other written records showing calculations and measurements of flight and spray parameters acceptable to the Fresno County Agricultural Commissioner.

Applications at Night—Do not apply this product by air earlier than 30 minutes prior to sunrise and/or later than 30 minutes after sunset without prior permission from the Fresno County Agricultural Commissioner.

To report known or suspected misuse of this product, call 1-800-332-3111.

For additional information on the proper aerial application of this product, call 916-784-1718.

Read the "Limit of Warranty and Liability" in the label booklet for Ranger PRO Herbicide before using. These terms apply to this supplemental labeling and if these terms are not acceptable, return the product unopened at once.

MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ST. LOUIS, MISSOURI 63167
©2010

21225I3-3

06/17/09

LABELING SAMPLE
282115 Townzen
100-526-26

Sale, use, and distribution of this product in Nassau and Suffolk Counties in the State of New York is prohibited.

PULL HERE TO OPEN ►

GROUP 5 HERBICIDE



Princep[®] 4L

syngenta.

Herbicide

For weed control in certain crops

Active Ingredient:

Simazine: 2-chloro-4,6-bis
(ethylamino)-s-triazine 41.9%

Other Ingredients: 58.1%

Total: 100.0%

Princep 4L contains 4 lbs. active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-526

EPA Est. 100-LA-001^{GBL}

EPA Est. 70989-MO-001^{OMS}

(Superscript is first three letters of batch code on container)

Product of Italy

SCP 526A-L58S 1212

4044257

2.5 gallons

Net Contents



TM

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
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 do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through the skin. Causes moderate eye irritation. Harmful if swallowed or inhaled. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes, or clothing.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical resistance category selection chart.

All mixers, loaders, applicators and other handlers must wear:

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

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

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

(continued)

PRECAUTIONARY STATEMENTS (continued)

Engineering Control Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE 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

Simazine can travel (seep or leach) through soil and can enter ground water which may be used as drinking water. Simazine has been found in ground water. Users are advised not to apply simazine to sand and loamy sand soils where the water table (ground water) is close to the surface and where these soils are very permeable; i.e., well-drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water.

Product must not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs. Product must not be applied within 66 feet of points where agricultural field (nurseries, Christmas tree plantings, shelterbelts, and turf grasses for sod farms) surface water runoff enters perennial or intermittent streams and rivers or within 200 feet of natural or impounded lakes and reservoirs. If this product is applied to highly erodible land, the 66 foot buffer or setback from runoff entry points must be planted to crop, or seeded with grass or other suitable crop.

Product must not be mixed or loaded, or used within 50 feet of all wells, including abandoned wells, drainage wells, and sink holes. Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited, unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or wash water, and rain water that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above-specified minimum containment capacities do not apply to vehicles when delivering pesticide to the mixing/loading sites.

Additional State imposed requirements regarding well-head setbacks and operational area containment must be observed.

One of the following restrictions must be used in applying simazine to tile-outletted terraced fields containing standpipes:

- Do not apply within 66 feet of standpipes in tile-outletted terraced fields.
- Apply this product to the entire tile-outletted terraced field and immediately incorporate it to a depth of 2-3 inches in the entire field.
- Apply this product to the entire tile-outletted terraced field under a no-till practice only when a high crop residue management practice is practiced. High crop residue management is described as a crop management practice where little or no crop residue is removed from the field during and after crop harvest.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. 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 manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

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

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.

ANY USE OF THIS PRODUCT IN AN AREA WHERE USE IS PROHIBITED IS A VIOLATION OF FEDERAL LAW. Before using this product, you must consult the Simazine Watershed Information Center (SWIC) to determine whether the use of this product is prohibited in your watershed. SWIC can be accessed through www.simazine-watershed.info or 1-888-365-2874. If the SWIC indicates that use of this product is prohibited in your watershed, you may return this product to your point of purchase or contact Syngenta Crop Protection, LLC for a refund.

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.

For Christmas trees, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours. For all other crops and use patterns, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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 made of any waterproof materials
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow others (including children or pets) to enter treated areas until sprays have dried.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR WEED CONTROL, AND/OR ILLEGAL RESIDUES.

Sale, use, and distribution of this product in Nassau and Suffolk Counties in the State of New York is prohibited.

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

This product is not for use in formulating end-use products for aquatic use.

PRODUCT INFORMATION

Aerial application is prohibited.

When tank mixing or sequentially applying simazine or products containing simazine, the total pounds of simazine applied must not exceed the specific maximum rate per calendar year as noted in the use directions.

Apply Princep 4L herbicide before weeds emerge or after removal of weed growth. Princep 4L controls a wide variety of annual broadleaf and grass weeds when used at selective rates in agricultural crops.

Where a range of application rates is given, use the low rate on coarse-textured soil and soil lower in organic matter; use the high rate on fine-textured soil and soil higher in organic matter.

Since Princep 4L enters weeds mainly through their roots, moisture is needed to move it into the root zone. Very dry soil conditions following application may necessitate shallow cultivation or rotary hoeing.

Princep 4L is nonflammable.

ANNUAL WEEDS CONTROLLED

alyssum	crabgrass	foxtails	pigweed	silver hairgrass
annual bluegrass	(<i>Digitaria</i> spp.)	goosegrass	pineappleweed	smartweed
annual morningglory	downy brome	groundsel	prickly lettuce	spanishneedles
annual ryegrass	(cheatgrass)	henbit	common purslane	speedwell
barnyardgrass	fall panicum	junglerice	ragweed	tansymustard
(watergrass)	fiddleneck	knawel	rattail fescue	wild mustard
burclover	filaree	(German moss)	redmaids	wild oats
carelessweed	fireweed	common	Russian thistle	witchgrass
carpetweed	fivehook bassia	lambsquarters	shepherdspurse	yellow flower
common chickweed	Flora's paintbrush	nightshade	signalgrass	pepperweed
	Florida pusley	pepperweed	(<i>Brachiaria</i> spp.)	

RESISTANCE MANAGEMENT

Princep 4L is a **Group 5 Herbicide** (contains the active ingredient simazine).

Following many years of continuous use of this product and chemically related products, biotypes of some of the weeds listed on this label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected, and weeds controlled by this product are expected to be present along with resistant biotypes, we recommend the use of this product in registered combinations or in sequence with other registered herbicides which are not triazines, i.e. which are not solely a Group 5 Herbicide. If only resistant biotypes are expected to be present, use a registered herbicide which is not solely a Group 5 Herbicide. Consult with your State Agricultural Extension Service for specific recommendations.

PERENNIAL CROP REPLANTING

If replanting perennial crops, do not apply Princep 4L in the year preceding planting these crops, unless otherwise stated on this label, or crop injury may occur.

APPLICATION PROCEDURES

Ground application: Use conventional ground sprayers equipped with nozzles that provide accurate and uniform application. Be certain that nozzles are uniformly spaced and the same size. Calibrate sprayer before use and recalibrate at the start of each season and when changing carriers. Unless otherwise specified, use a minimum of 20 gallons of spray mixture per acre.

Use a pump with capacity to: (1) maintain 35-40 psi at nozzles, (2) provide sufficient agitation in tank to keep mixture in suspension, and (3) to provide a minimum of 20% bypass at all times. Use centrifugal pumps which provide propeller shear action for dispersing and mixing this product. The pump should provide a minimum of 10 gallons/minute/100 gallons tank size circulated through a correctly positioned sparger tube or jets.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump should be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.

For band applications, calculate amount to be applied per acre as follows:

$$\frac{\text{band width in inches}}{\text{row width in inches}} \times \text{broadcast rate per acre} = \text{amount needed per acre of field}$$

Spray Drift Management

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground chemigation) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 10 mph.

Droplet Size

Apply as a coarse or coarser spray (ASAE standard 572).

Release Height

For groundboom applications apply with a nozzle height no more than 4 feet above the ground or crop canopy.

MIXING PROCEDURES

All Uses: (1) Be sure sprayer is clean and not contaminated with any other materials, or crop injury or sprayer clogging may result. (2) Fill tank $\frac{1}{4}$ full with clean water, nitrogen solution, or complete fluid fertilizer. (3) Start agitation. (4) Be certain that the agitation system is working properly and creates a rippling or rolling action on the liquid surface. (5) If any dry herbicides are being tank mixed, add them to the tank and allow them to become thoroughly suspended. (6) Then pour Princep 4L directly from jug into tank. (7) Continue filling tank until 90% full. Increase agitation if necessary to maintain surface action. (8) Add other liquid tank mix herbicide(s) after this product is thoroughly suspended. (9) Finish filling tank. Maintain agitation to avoid separation of materials. (10) Empty tank as completely as possible before refilling to prevent buildup of emulsifiable concentrate residue from possible tank mix herbicides. (11) If an emulsifiable concentrate film starts to build up in tank, drain it and clean with strong detergent solution or solvent. (12) Clean sprayer thoroughly immediately after use by flushing system with water containing a detergent.

Compatibility test: To determine the tank mix compatibility of Princep 4L with liquid fertilizer, crop oil, spreaders, or other recommended pesticides, use this test method. Nitrogen solutions or complete fluid fertilizers may replace all or part of the water in the spray in corn. Since liquid fertilizers can vary, even within the same analysis, check compatibility each time before use. Be especially careful when using **complete** suspension or fluid fertilizers, as serious compatibility problems are more apt to occur. Commercial application equipment may improve compatibility in some instances. Check compatibility using this procedure:

1. Add 1 pt of fertilizer to each of two 1-qt glass jars with tight lids.
2. To **one** of the jars, add $\frac{1}{4}$ teaspoon of a compatibility agent approved for this use ($\frac{1}{4}$ teaspoon is equivalent to 2 pt/100 gallons spray). Cap and shake until mixed. Examples of compatibility agents include Compex® and Unite®.
3. To **both** jars, add the appropriate amount of herbicide(s). If more than one herbicide is used, add them separately with dry herbicides first, flowables next, and emulsifiable concentrates last. After each addition, cap and shake until thoroughly mixed. The appropriate amount of herbicides for this test follows (assuming a spray volume of 25 gallons/A):

Dry herbicides: For each pound per acre, add 1.5 teaspoons to each jar. Fluff up wettable powder products before measuring.

Liquid herbicides: For each pint per acre, add 0.5 teaspoon to each jar.

For a spray volume other than 25 gallons/A, change the teaspoons added to each jar as follows:

$$\frac{25 \text{ gallons X number teaspoons given above}}{\text{desired gallons spray volume per acre}} = \text{teaspoons to add to each jar}$$

4. After adding all ingredients, put lids on and tighten. Shake jars vigorously one minute. Let the mixtures stand 15 minutes and then look for separation, large flakes, precipitates, grease, gels, medium to heavy oily film on the jar, or other signs of incompatibility. Determine if the compatibility agent is needed in the spray mixture by comparing the 2 jars. If either mixture separates, but can be remixed readily, the mixture can probably be sprayed as long as good agitation is used. If the mixtures are incompatible, test the following methods of improving compatibility: (A) slurry the dry herbicide(s) in water before addition, or (B) add $\frac{1}{2}$ of the compatibility agent to the fertilizer and the other $\frac{1}{2}$ to the emulsifiable concentrate or flowable herbicide before addition to the mixture. If still incompatible, do not use the materials mixed in the same spray tank.

CROP USE DIRECTIONS

FRUIT AND NUT CROPS

Apply the spray to the orchard or vineyard floor, avoiding contact with fruit, foliage, or stems. Specified rates are based on broadcast treatment. For band applications or spot applications around trees in fruit or nut plantings, reduce the broadcast rate of Princep 4L and water per acre in proportion to the area actually sprayed.

Precautions (All fruit and nut crops): To avoid crop injury, (1) Apply only to orchards or groves where trees have been established 12 months or more, unless specified differently. (2) Make only one application per year, except as noted otherwise. (3) Do not use on gravelly, sand, or loamy sand soil. (4) Immediately following application, limit overhead sprinkler irrigation to 1/2 inch.

Almonds, Peaches, and Nectarines (CA Only)

Princep 4L must be applied in a 2-4 foot band on each side of the tree row at a rate of 1-2 qt of Princep 4L per treated acre. Apply before weeds emerge in late fall or early winter. Weeds controlled by 1 qt of Princep 4L include burclover, common chickweed, wild mustard, and shepherds-purse. Do not apply more than 2 qt Princep 4L per acre (2 lb ai/treated acre) per calendar year. Do not apply more than once per calendar year.

Precautions: To avoid crop injury, (1) Do not treat trees established in the grove less than 3 years. (2) Do not treat the Mission (TX) variety of almonds. (3) Do not apply to almond trees propagated on plum rootstocks. (4) Do not replant almonds, peaches, or nectarines in treated soil for 12 months after treatment. (5) Do not apply on soil with less than 1% organic matter. (6) Do not treat areas where water will accumulate.

Apples, Pears, and Tart Cherries

Apply 2-4 qt/A Princep 4L. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than once per calendar year. For apples, the pre-harvest interval is 150 days.

Avocados

CA and FL Only: Apply 2-4 qt/A Princep 4L after final preparation of grove. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than once per calendar year.

Blueberries and Caneberries (Blackberries, Boysenberries, Loganberries, and Raspberries)

Apply 2-4 qt/A Princep 4L in the spring or apply a split application of 2 qt/A Princep 4L in the spring plus 2 qt/A Princep 4L in the fall. Apply in a minimum of 40 gallons of water per acre.

On plantings less than 6 months old, use 1/2 the above rate.

To control quackgrass, apply 4 qt/A Princep 4L in the fall or split the application, applying 2 qt/A Princep 4L in the fall plus 2 qt/A Princep 4L in the spring, when quackgrass is actively growing.

Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than twice per calendar year.

Note: Do not apply when fruit is present, or illegal residues may result.

Filberts

Apply 2-4 qt/A Princep 4L in the fall or apply a split application of 2 qt/A Princep 4L in the fall plus 2 qt/A Princep 4L in the spring. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than twice per calendar year.

Precaution: If trees are planted on a hillside, excessive soil erosion may result from the elimination of weeds.

Note: Do not apply when nuts are on the ground during the harvest period, or illegal residues may result.

Grapes

Apply 2-4 qt/A Princep 4L any time between harvest and early spring. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than once per calendar year.

Precaution: Do not use in vineyards established less than 3 years, or crop injury may occur.

Grapefruit, Lemons, and Oranges

AZ (Lemons and Oranges Only): Apply a split application of 1.6 qt/A Princep 4L in the spring plus 1.6 qt/A Princep 4L in the fall. Do not apply more than 3.2 qt Princep 4L per acre (3.2 lb ai/A) per calendar year. Do not apply more than 1.6 qt Princep 4L per acre (1.6 lb ai/A) per application.

CA: Apply 2-4 qt/A Princep 4L in a single application, or apply 2 qt/A Princep 4L in the fall and 2 qt/A Princep 4L in the spring. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than twice per calendar year.

Precaution: Do not use in the Imperial, Coachella, or Palo Verde Valleys, or crop injury may occur.

FL (Grapefruit and Oranges Only)

Broadcast Applications: Apply up to 4 qt of Princep 4L/A per application to weed-free soil once during the spring and/or once during the fall to control weeds expected to emerge during these periods. Apply prior to emergence of weeds or if weeds have emerged, apply in tank mixture with a contact herbicide. Use caution to keep the treatment off the foliage, fruit, or trunk of citrus trees. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per application. Do not apply more than 8 qt Princep 4L per acre (8 lb ai/A) per calendar year.

Banded Applications: For control of difficult species, such as balsamapple vine and spanishneedles, and partial control of honeyvine milkweed, apply no more than 8 qt of Princep 4L (8 lb ai/A) per treated acre as a single application in the spring using a 50% band application. The amount of Princep 4L per acre of field must not exceed 4 qt (4 lb ai/A). Apply once in the spring growing season between January and April. Do not make a fall Princep 4L application if this treatment was used in the spring. When emerged weeds are present, apply Princep 4L in tank mixture with a recommended contact herbicide. Follow all directions, precautions, limitations, etc. on the tank mix products.

TX (Grapefruit and Oranges Only): Apply 4 qt/A Princep 4L. Do not apply more than 4 qt of Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than twice per calendar year.

*Precautions (All areas): To avoid crop injury, (1) Do not use in nurseries. (2) Do not apply to bedded grapefruit, lemons, or oranges (except for FL grapefruit and oranges). (3) Do not apply to trees under stress from freeze damage for one year after the freeze. (4) Do not exceed 4 qt/acre/year of Princep 4L on grove planted trees 1 year old or less, or crop injury may occur. **Note:** Dark-red grapefruit hybrids, e.g. "Star Ruby", have a higher risk of crop injury than non-dark-red types.*

Macadamia Nuts

Apply 2-4 qt Princep 4L in 50 gallons of water per acre before harvest and just prior to weed emergence. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than once per calendar year.

Note: Do not apply when nuts are on the ground during the harvest period, as illegal residues may result.

Olives

Apply 2-4 qt/A Princep 4L following grove preparation in the fall. Repeat annually in midwinter. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than once per calendar year.

Peaches, Plums, and Sweet Cherries

Apply 1.6-4 qt/A Princep 4L. Apply in late fall to early spring prior to weed emergence. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than once per calendar year.

Precautions: To avoid crop injury, (1) Peaches: use only in AR, LA, MO, OK, TX, and states east of the Mississippi River. For CA, see specific directions in the Almonds, Peaches, and Nectarines (CA only) section. (2) Plums and sweet cherries: use only in MO and states east of the Mississippi River, except TN.

Pecans

Apply 2-4 qt/A Princep 4L before weeds emerge in the spring. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than once per calendar year.

Precautions: To avoid crop injury, (1) Do not use west of the Pecos River in TX or in AZ, CA, or NM. (2) Do not make applications to transplanted trees that have been established less than 2 years in the grove.

Note: Do not apply when nuts are on the ground, or illegal residues may result. Do not allow animals to graze treated areas.

Strawberries

OR and WA (Only): For control of chickweed, groundsel, mustard, and shepherdspurse, apply broadcast 1 qt/A Princep 4L. In fields where overhead irrigation is used to activate this product, apply after harvest at time of bed renovation. In fields where overhead irrigation is not available, apply during early October through November. Do not apply more than 1 qt Princep 4L per acre (1 lb ai/A) per calendar year. Do not apply more than once per calendar year.

Precautions: To avoid crop injury, (1) Make only one application per growing season. (2) Do not apply within 4 months after transplanting.

Walnuts

Apply 2-4 qt/A Princep 4L. Leveling and furrowing operations after application will lessen effectiveness of weed control. Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than once per calendar year.

Note: Do not apply when nuts are on the ground, or illegal residues may result.

Princep 4L Plus Bromacil 80W for Grapefruit and Oranges (FL Only)

Use in grapefruit and oranges in FL for control of balsamapple, black nightshade, carpetweed, crabgrass, cudweed, dayweed, Florida pusley, horseweed, pepperweed, pigweed, poorjoe, ragweed, rattlebox, spanishneedles, and sandbur, and for partial control of bermudagrass, bahiagrass, pangolagrass, paragrass, and torpedograss. Apply 4 qt of Princep 4L plus 3-4 lb of Bromacil 80W per acre beneath trees in a minimum of 40 gallons of water per acre before or soon after weed growth begins. Use caution to keep the spray off the foliage, fruit, or trunk of citrus trees. When mixing, add Bromacil 80W slurry to water in spray tank, agitate thoroughly, then add Princep 4L and agitate thoroughly again. Use the lower rates for light weed infestations or all applications in bedded citrus areas. Use the higher rates for heavy weed infestations only in ridge grown citrus areas. Temporary yellowing of citrus leaves may occur following treatment.

Precautions: To avoid crop injury, (1) Do not use in nurseries, or where trees are under stress from freeze damage for one year after the freeze. (2) Do not use on soil with less than 1% organic matter or on poorly drained soil. (3) Do not treat trees planted in irrigation furrows. (4) Do not treat diseased trees such as those with foot rot. (5) Do not use in groves interplanted with other trees or desirable plants, nor in home grapefruit or orange plantings, or in areas where roots of other valuable plants or trees may extend. (6) Treated areas may be planted to citrus trees one year after application. (7) Do not rotate to other crops within 2 years after application.

Note: Apply only once per year and avoid contact with foliage and fruit with spray or mist, or illegal residues may result.

Princep 4L Plus Gramoxone Inteon®

This tank mix is effective in the following fruit and nut crops for kill of existing vegetation and for residual control of the annual broadleaf and grass weeds claimed for Princep 4L applied alone. This combination is also effective for top kill and suppression of perennial weeds. In FL, this mixture may be applied in spring or fall to emerged weeds.

Use this tank mix on these crops:

almonds (CA only)	olives
apples	oranges ²
avocados (CA and FL ¹ only)	peaches ³
cherries (tart and sweet ⁴)	pears
filberts	pecans
grapefruit (CA and TX only)	plums ⁴
grapes	walnuts
lemons (AZ and CA only)	
macadamia nuts	

Revised

Apply the Princep 4L rate given under the appropriate crop on this label plus the specified labeled rate of Gramoxone Inteon in 50-200 gallons (30-50 gallons for pecans) of water per acre to the orchard floor, avoiding contact with fruit, foliage, or stems. Add a nonionic surfactant, such as X-77®, at 0.5 pt/100 gallons of spray. Apply when weeds are succulent and new growth is 1-6 inches tall. For mature woody weeds or difficult to control perennial weeds, re-treat or spot treat with Gramoxone Inteon if regrowth occurs.

Add Princep 4L to the spray tank first (refer to **Mixing Procedures** section of this label), then add Gramoxone Inteon, and add the surfactant last. Provide constant agitation during mixing and application to keep the mixture in suspension.

Precautions: To avoid crop injury, (1) Apply the tank mix only once per year. (2) Use a shield for young trees or vines.

Refer to the Princep 4L and Gramoxone Inteon labels for further directions, specific weeds controlled, and precautions and limitations on each crop.

¹In avocados in FL, this tank mix also controls balsamapple, rattail amaranth, and at the higher specified rate of each herbicide, it suppresses coral vine.

²In oranges in FL, apply 4 qt of Princep 4L per acre per application. Do not exceed 8 qt of Princep 4L per calendar year.

³Limited to AR, CA, LA, MO, OK, TX, and states east of the Mississippi River. As specified, refer to Princep 4L sections **Almonds, Peaches, and Nectarines (CA only)** or **Peaches, Plums, and Sweet Cherries** for rate of Princep 4L and other information.

⁴Limited to MO and states east of the Mississippi River, except TN.

Tank Mixture with Roundup® or Touchdown® Brand Herbicides

This tank mixture is effective in grape vineyards and in the following bearing or nonbearing tree crops for control of existing vegetation and for residual control of the annual broadleaf and grass weeds claimed for this product applied alone. This combination is also effective for partial control of perennial weeds contacted by the spray mixture during application.

almonds** (CA only)	macadamia nuts**
apples	oranges*** (AZ, CA, FL, and TX)
avocados* (CA and FL only)	peaches**** ¹
cherries (tart and sweet**** ²)	pears*
filberts**	pecans**
grapefruit*** (CA, FL, and TX)	plums**** ²
grapes*	walnuts**
lemons* (AZ and CA)	

Use the specified rate given elsewhere on this label for Princep 4L applied alone to the crop being treated. Add to the spray tank the specified labeled rate of a Roundup or Touchdown brand product per acre, depending on weeds present and their growth stage. Also add an agriculturally approved nonionic surfactant at 0.5% by volume of spray solution. Apply the mixture in 10-40 gallons of water per acre as a postemergence spray to the weeds at the appropriate weed growth stage given on the Roundup label.

Add Princep 4L to the spray tank first, then add the Roundup or Touchdown brand product. Provide constant agitation during mixing and application to keep the mixture in suspension. Refer to **Application Procedures** section of this label for further directions.

Precaution: To avoid crop injury, take extreme care to avoid contact of herbicide solution, spray, drift, or mist with foliage or green bark of trunk, branches, suckers, fruit, or other parts of trees or vines. Observe precautions on both the Princep 4L and Roundup or Touchdown labels for each crop involved.

Always refer to the labels of both herbicides for further directions, specific weeds controlled, and precautions and limitations on each crop.

*Allow a minimum of 14 days between last application and harvest.

Revised

Revised

- **Allow a minimum of 21 days between last application and harvest of these crops.
- ***Allow a minimum of 1 day between last application and harvest of these crops.
- ****Allow a minimum of 17 days between last application and harvest of these crops.

¹Limited to AR, CA, LA, MO, OK, TX, and states east of the Mississippi River. For CA, see specific directions in the **Almonds, Peaches, and Nectarines (CA only)** section.

²Plums and sweet cherries: limited to MO and states east of the Mississippi River, except TN.

Tank Mixture with Solicam®

For improved control of such weeds as clover, cutleaf eveningprimrose, dandelion, henbit, horseweed or marehail, lambsquarters, and puncturevine, apply Princep 4L in tank mixture with Solicam DF on these crops:

oranges
grapefruit
lemons

Apply 4 qt/A of Princep 4L plus 4-5 lb of Solicam DF Herbicide (78.6% active ingredient) in 20-100 gallons of water per acre. Princep 4L + Solicam may be applied in tank mixture with Gramoxone Inteon or Roundup.

Follow the labeled directions and restrictions of use on labels of the herbicides used in mixtures with Princep 4L.

Precaution: Keep Princep 4L + Solicam mixtures from contacting foliage, fruits, and stems of citrus trees during spraying.

Princep 4L Plus Surflan®

Use this tank mix in the following crops for preemergence control of all weeds claimed on both labels:

almonds	lemons
apples	oranges
avocados	peaches
caneberries	pears
cherries	pecans
filberts	plums
grapes	English walnuts
grapefruit	

Apply the Princep 4L rate given under the appropriate crop on this label plus 2.67-5.33 lb of Surflan 75W or 2-4 qt of Surflan A.S. in 20-40 gallons of water per acre. Refer to the Surflan 75W or Surflan A.S. label for complete tank mix directions. Observe all precautions and limitations on the Princep 4L and Surflan labels.

FIELD CROPS

Corn (Field and Sweet)

Apply a maximum of 2 qt Princep 4L per acre (2.0 lb ai/A) as a single preemergence application on soils that are not highly erodible or on highly erodible soils, as defined by the Natural Resources Conservation Service, if at least 30% of the soil is covered with plant residues. If a second treatment is required following an earlier herbicide application, the total simazine applied may not exceed 2.5 lb ai/A per calendar year.

If the soil is highly erodible and covered with <30% plant residues, apply a maximum of 1.6 lb ai/acre as a single preemergence application. For highly erodible soils and is covered with <30% plant residue, do not apply more than one application of Princep 4L and not more than 1.6 lb ai/A (1.6 qt/A).

Pre-grazing/pre-harvest interval for field corn: 60 days.

Pre-grazing/pre-harvest interval for sweet corn: 45 days.

Nitrogen solution or complete liquid fertilizer may replace all or part of the water in the spray. Determine the physical compatibility of Princep 4L with fertilizer before use. Refer to the **Product Information** section of this label for a compatibility test procedure. Do not apply after corn has emerged, as there is danger of liquid fertilizer causing crop injury. Use a minimum of 10 gallons of spray mixture per acre.

Preemergence: Apply before weeds and corn emerge. Use the specified rate as stated above.

Preplant: Broadcast in the spring after plowing at the specified rate as stated above. Apply before, during, or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Princep 4L. Best results will be obtained when Princep 4L is applied within 2 weeks before planting. Under dry weather conditions, preplant applications may give better weed control than preemergence. If weeds develop, particularly under relatively dry conditions, a shallow cultivation will generally result in better weed control.

Winter Annual Broadleaf Control – Preemergence Fall Application

For preemergence control of winter annual weeds, such as common chickweed, henbit, shepherds-purse, tansymustard, wild mustard, annual bluegrass, downy brome, and others, broadcast 1 qt/A of Princep 4L after harvest of the preceding crop and prior to weed emergence on land to be planted to corn the following year. A tillage operation may precede the application. Do not apply to frozen ground. If Princep 4L is used in the fall corn weed control program, do not exceed 1.5 qt of Princep 4L preemergence in the spring.

Precautions: (1) Do not apply more than 2.5 qt of Princep 4L per acre of corn per calendar year. (2) Do not plant any crop except corn until the following year, or injury may occur. (3) Following harvest, plow and thoroughly till the soil in fall or spring to minimize possible injury to spring-seeded rotational crops, regardless of the rate used. (4) Do not apply Princep 4L preplant incorporated for weed control in corn in the High Plains and Intermountain areas of the West (including central and western KS, western NE, western OK, and the Panhandle of TX) where rainfall is sparse and erratic or where irrigation is required. (5) In the High Plains and Intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use Princep 4L only when corn is to follow corn or when a crop of untreated corn is to precede other rotational crops. (6) Injury may occur to soybeans planted in north-central and northwest IA, south-central and southwest MN, northeast NE, southeast SD, and other areas the year following application on soils having a calcareous surface layer. (7) Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains, or small-seeded legumes and grasses the year following Princep 4L application, or injury may occur.

Note: Do not graze treated areas, or illegal residues may result.

Tank Mixtures on Corn

AAtrex®: Use Princep 4L in a preplant or preemergence tank mixture with AAtrex Nine-O®, or AAtrex 4L for control of many annual weeds, including carpetweed, crabgrass, fall panicum, foxtail, lambsquarters, morningglory, pigweed, ragweed, and velvetleaf.

When tank mixing or sequentially applying simazine and/or atrazine or products containing either active ingredient to corn, the total pounds of simazine and/or atrazine applied must not exceed 2.5 lb ai/acre per calendar year.

Refer to the AAtrex label for complete directions and use 1 qt of this product for each 1.1 lb of Princep Caliber 90. Also refer to the AAtrex label and the Corn section of this label for precautions and limitations.

Gramoxone Inteon: Use in a tank mixture where corn will be planted directly in a cover crop, established sod, or previous crop residues. This combination controls existing vegetation and provides residual control of the annual broadleaf and grass weeds listed under the **Product Information** section.

Add Princep 4L to the spray tank, mix thoroughly with water, and then add Gramoxone Inteon and a nonionic surfactant. Provide constant agitation during mixing and application to keep the mixture in suspension.

Apply up to 2 qt of Princep 4L plus the specified labeled rate of Gramoxone Inteon in 20-60 gallons of water per acre as a broadcast spray, either before or after planting, but before corn emerges. Add a nonionic surfactant at the rate of 0.5 pt/100 gallons of spray volume.

For further information, see product information, caution and warning statements, precautions, and notes on the Princep 4L and the Gramoxone Inteon labels.

CHRISTMAS TREE PLANTINGS AND SHELTERBELTS

Remove weed growth before application. Apply 2-4 qt Princep 4L in at least 25 gallons of water per acre after transplanting. Use at the same rate for annual maintenance applications.

For quackgrass control apply 4 qt/A Princep 4L in the fall or apply a split application of 2 qt/A Princep 4L in the fall plus 2 qt/A Princep 4L in early spring, after quackgrass begins growth.

Do not apply more than 4 qt Princep 4L per acre (4 lb ai/A) per calendar year. Do not apply more than twice per calendar year.

Precautions: To avoid tree injury, (1) Do not use Princep 4L on seedbeds or cuttingbeds. (2) In CA, OR, and WA, do not apply to Christmas trees or shelterbelts sooner than one year after transplanting. In other areas, do not apply to Christmas trees or shelterbelt transplants less than 2 years of age. (3) Do not use until soil is firmly settled around roots. (4) Do not apply more than once a year, except as directed for quackgrass control.

Apply Princep 4L to these species of trees and shrubs, as directed above:

Conifers

arborvitae
Austrian pine
Bishop pine*
knobcone pine*
lodgepole pine (shore pine)
Monterey pine*
Mugho pine
red pine (Norway pine)
Scotch pine
white pine
blue spruce
Norway spruce
red spruce
white spruce
balsam fir
Douglas fir
Fraser fir
white fir
hemlock
juniper
red cedar
white cedar
yew (*Taxus* spp.)

*For CA only

Surflan Tank Mix: On Christmas tree plantings, use this tank mix for preemergence control of weeds listed on the Surflan 75W (or Surflan A.S.) and Princep 4L label. Use on field grown conifer species listed on the labels for each herbicide plus grand fir, alpine fir, Engelmann spruce, black spruce, Colorado blue spruce, Coulter pine, giant redwood, and Veitchi fir.

Broadcast the mixture as a directed spray to the soil surface or as an overtop spray, using 2-4 qt of Princep 4L and 2.67-5.33 lb of Surflan 75W (or 2-4 qt of Surflan A.S.). Apply in sufficient water per acre to uniformly treat the area. Follow overtop sprays with sprinkler irrigation to move the herbicide from leaf surfaces to the soil. Remove weed growth before application. Mix weed residues, prunings, or trash into the soil, or remove them before treatment. Soil should be in good tilth and free of clods at time of application. Shallow cultivation (1-2 inches) after treatment will not reduce weed control. Observe all precautions and limitations on the Princep 4L and Surflan labels.

Note: Length of weed control may be reduced when continuous wet soil conditions follow herbicide application.

Precautions: To avoid plant injury, (1) Do not use on seedbeds or on unrooted cuttings. (2) Do not use in greenhouses or other enclosed areas.

STORAGE AND DISPOSAL

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

Pesticide Storage

Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.

Pesticide Disposal

Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Disposal [less than 5 gallons]

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

Residue Removal [less than 5 gallons]

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment of a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begin to drip. Repeat this procedure two more times.

Container Disposal [Bulk/Mini-Bulk]

Refillable container. Refill this container with Princep 4L Herbicide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Residue Removal [Bulk/Mini-Bulk]

To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

AAtrex®, AAtrex® Nine-O®, Gramoxone Inteon®,
Princep®, Solicam®, Touchdown®, the ALLIANCE FRAME
the SYNGENTA Logo and the PURPOSE ICON
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Compex® trademark of KALO Agricultural Chemicals, Inc.

Roundup® trademark of Monsanto Company

Surflan® trademark of Dow AgroSciences

Unite® trademark of HACO, Inc.

X-77® trademark of Loveland Industries, Inc.

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For non-emergency (e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 526A-L58S 1212
4044257

Sale, use, and distribution of this product in Nassau and Suffolk Counties in the State of New York is prohibited.

GROUP 5 HERBICIDE



Herbicide

For weed control in certain crops

Active Ingredient:	
Simazine: 2-chloro-4,6-bis(ethylamino)-s-triazine	41.9%
Other Ingredients:	58.1%
Total:	100.0%

Princep 4L contains 4 lb active ingredient per gallon.

See Directions for Use in attached booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-526
EPA Est. 100-LA-001^{GBL}
EPA Est. 70989-MO-001^{OMS}

(Superscript is first three letters of batch code on container)

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Manufactured for:
Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 526A-L585 1212
4044257

2.5 gallons
Net Contents

KEEP OUT OF REACH OF CHILDREN. CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through the skin. Causes moderate eye irritation. Harmful if swallowed or inhaled. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes, or clothing.

FIRST AID

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

HOT LINE NUMBER: For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372.

Environmental Hazards

Simazine can travel (seep or leach) through soil and can enter ground water which may be used as drinking water. Simazine has been found in ground water. Users are advised not to apply simazine to sand and loamy sand soils where the water table (ground water) is close to the surface and where these soils are very permeable; i.e., well-drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water.

Product must not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs. Product must not be applied within 66 feet of points where agricultural field (nurseries, Christmas tree plantings, shelterbelts, and turf grasses for sod farms) surface water runoff enters perennial or intermittent streams and rivers or within 200 feet of natural or impounded lakes and reservoirs. If this product is applied to highly erodible land, the 66 foot buffer or setback from runoff entry points must be planted to crop, or seeded with grass or other suitable crop. Product must not be mixed or loaded, or used within 50 feet of all wells, including abandoned wells, drainage wells, and sink holes.*

*For exceptions to this restriction, see the Environmental Hazards section of the Precautionary Statements in the Princep 4L booklet.

One of the following restrictions must be used in applying simazine to tile-outletted terraced fields containing standpipes:

- Do not apply within 66 feet of standpipes in tile-outletted terraced fields.
- Apply this product to the entire tile-outletted terraced field and immediately incorporate it to a depth of 2-3 inches in the entire field.
- Apply this product to the entire tile-outletted terraced field under a no-till practice only when a high crop residue management practice is practiced. High crop residue management is described as a crop management practice where little or no crop residue is removed from the field during and after crop harvest.

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

Pesticide Storage: Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.

Pesticide Disposal: Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

Residue Removal: Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment of 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.

syngenta®



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13113 Trimec Turf Herb. 2.5 G. 11/2/04 8:53 AM Page 1 Ronald Cartwright LaCie d2 176 GB:PBI/Gordon Jobs (12/10/01):Gordon's T/D Jobs:T



LOW ODOR FORMULATION

TRIMEC[®] TURF HERBICIDE

For use by individuals/firms licensed or registered by the State to apply pesticide products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the pest control regulatory agency of your State prior to use of this product.



Controls Dandelion, Chickweed, Knotweed, Plantain, Henbit, Spurge and many other species of broadleaf weeds.

ACTIVE INGREDIENTS:

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid	30.56%
Dimethylamine salt of (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid	8.17%
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid)	2.77%
INERT INGREDIENTS:	58.50%
TOTAL	100.00%

THIS PRODUCT CONTAINS:

2.38 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 25.38%.
 0.63 lbs. (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 6.75%.
 0.21 lbs. 3,6-dichloro-o-anisic acid equivalent per gallon or 2.30%.
 Isomer Specific by AOAC Method.
 Contains single isomer form of Mecoprop-p.
 TRIMEC[®] is a registered trademark of PBI/GORDON CORPORATION.

**KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO**

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

See back panel for additional Precautionary Statements and First Aid.

KEEP FROM FREEZING

891/11-2004

NET CONTENTS: 2.5 U.S. GALLONS

LABELING ACCEPTABLE
 STATE OF CALIFORNIA
 DEPARTMENT OF PESTICIDE REGULATION
 PESTICIDE REGISTRATION
 Date: 12/3/04 Reviewer: K. Wilson
 Reg. No. 2217-517-2A



**READ THE ENTIRE LABEL FIRST.
OBSERVE ALL PRECAUTIONS AND
FOLLOW DIRECTIONS CAREFULLY.**

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals:

DANGER: Corrosive. Causes irreversible eye damage. Causes skin irritation. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed.

NON-WPS USES:

Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) — in general, only agricultural-plant uses are covered by the WPS — must wear the following:

- Wear face shield or goggles when mixing, loading or applying this product. When mixing, loading or applying this product, wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and eye protection. It is recommended that safety glasses include front, brow, and temple protection.

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

Engineering Control Statements for Non-WPS Uses:

Containers over 1 gallon and less than 5 gallons: Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

Containers of 5 gallons or more in capacity: Do not open pour from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. (Note: This is not an option in California, see Calif. Code of Regulations, Article 2, Section 6746). If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

WPS USES:

Applicators and other handlers who handle this pesticide for any uses covered by the Worker Protection Standard (40 CFR Part 170) — in general agricultural-plant uses are covered — must wear the following:

- Coveralls over short-sleeved shirt and short pants.
- Waterproof gloves.
- Chemical-resistant footwear plus socks.
- Protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse. 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. After each day of use, clothing or PPE must not be reused until it has been cleaned.

Engineering Control Statements for WPS Uses:

Containers over 1 gallon and less than 5 gallons: Mixers and loaders who do not use a mechanical system (probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to the other required PPE.

Containers of 5 or more gallons: Do not open-pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. (Note: This is not an option in California, see Calif. Code of Regulations, Article 2, Section 6746). If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)], the handler PPE requirements may be reduced or modified as specified in the WPS.

When handlers use closed systems or enclosed cabs 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.

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.

FIRST AID

If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
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 do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

NOTE TO PHYSICIAN: Possible mucosal damage may contraindicate the use of gastric lavage.

DIRECTIONS FOR USE

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

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.

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

Refer to supplemental labeling entitled AGRICULTURAL USE REQUIREMENTS in the DIRECTIONS FOR USE section of the labeling for information about this standard.

891/11-2004 AP051304
EPA REG. NO. 2217-517
EPA EST. NO. 2217-KS-1

Manufactured By
G **pbi/gordon**
CORPORATION
An Employee-Owned Company
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Kansas City, Missouri 64101
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