79676-9	11/30/	2006		
United States Environmental Protecti Washington, DC 20	- , -	Form Approved	Registration Amendme Other	<u> </u>
Applicati	on for Pestici	de - Section	J.	·
1. Company/Product Number 79676-9	2. EPA I J. Heb	Product Manager ert		3. Proposed Classification
4. Company/Product (Name) Etigra / Chlorpyrifos G-Pro 4 Insecticide	PM#	4		None ✓ Restricted
5. Name and Address of Applicant (Include ZIP Code) Etigra c/o Pyxis Regulatory Consulting, Inc. 4110 136th St. NW Giq Harbor, WA 98332 Check if this is a new address	(b)(i), rr to: EPA F		ilar or identica	e with FIFRA Section 3(c)(3) I in composition and labeling
	Section - I			
Amendment - Explain below. Resubmission in response to Agency letter dated		Final printed label Agency letter date "Me Too" Applica	be	NOTIFICATION NOV 3 0 2006
Notification - Explain below.		Other - Explain be	low.	110 v w 0 2000
Notification of a change in primary brand name and minor label retains notification is consistent with the provisions of PR Notice 98-1 labeling or the confidential statement of formula of this product. It EPA. I further understand that if this notification is not consistent to FIFRA and I may be subject to enforcement action and penalties to	10 and EPA regulation understand that it is a with the terms of PR N	ns at 40 CFR 152.46 violation of 18 U.S.0 lotice 98-10 and 40	i, and no other ch C. Sec. 1001 to v	nanges have been made to the villfully make any false statement to
	Section - II			
Material This Product Will Be Packaged In:				
Child-Resistant Packaging Yes No No * Certification must be submitted Unit Packaging Yes No If "Yes" Unit Packaging wgt. No. per Container	Water Soluble Portion of the Portion	ackaging No. per container	P G P	ntainer Metal Mestic Mass aper ther (Specify)
3. Location of Net Contents Information 4. Size(s) Re	otail Container	5. Loc	cation of Label [On Label On Labeling acc	Directions ompanying product
6. Manner in Which Label is Affixed to Product Lithor Paper	graph r glued ciled	Other		
	Section - IV			•
1. Contact Point (Complete items directly below for identification	on of individual to be	contacted, if nece	ssary, to proce	ss this application.)
Name Michael Kellogg	Title Agent			ephone No. (Include Area Code) 33-853-7369
Certifical Control of the control of	d all attachments the			
2. Signature Number Range	3. Title Agent			
4. Typed Name Michael Kellogg	5. Date 11/13/0	6		SIG

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RESTRICTED USE PESTICIDE

For retail sale and use by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification.

Chlorpyrifos E-Pro 4 Insecticide

For control of various pests in the following areas: Commercial Nursery/Commercial Greenhouse (Soil treatment, Dormant Spray of Tree Pests, Pre-Plant Incorporation of Field Grown Nursery Stock); Golf Course Turf, Turf and Ornamentals Around Industrial Buildings; Turf and Ornamentals in Road Medians.

ACTIVE INGREDIENT:

 Chlorpyrifos (O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate)
 .44.70%

 OTHER INGREDIENTS:
 .55.30%

 TOTAL:
 .100.00%

Contains 4 pounds of chlorpyrifos per gallon.

Contains petroleum distillates.

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

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

	FIRST AID
If swallowed:	Immediately call a poison control center or doctor.
,	Do not induce vomiting unless told to do so by a poison control center or doctor.
	Do not give any liquid to the person.
	Do not give anything by mouth to an unconscious person.
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 on skin or	Take off contaminated clothing.
clothing:	Rinse skin immediately with plenty of water for 15-20 minutes.
	 Call a poison control center or doctor for treatment advice.
If inhaled:	Move person to fresh air.
	• If person is not breathing, call 911 or an ambulance, then give artificial respiration,
	preferably by mouth-to-mouth, if possible.
	Call a poison control center or doctor for further treatment advice.
	HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

NOTE TO PHYSICIAN

Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine, only by injection, is an antidote. This product is an organophosphorus ester that inhibits cholinesterase. Contains petroleum distillate – vomiting may cause aspiration pneumonia.

See inside label booklet for additional PRECAUTIONARY STATEMENTS

EPA Reg. No. 79676-9 Manufactured for:

Cary, NC 27513

EtigraTM
501 Cascade Pointe Lane
Suite 103

EPA Est. No.

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Net Contents:

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes skin irritation and moderate eye irritation. Harmful if swallowed. Do not get on skin or on clothing. Avoid contact with eyes.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate and viton. For more information, follow the instructions in Supplement Three of PR Notice 93-7. If you want more options, follow the instructions for category G on an EPA chemical-resistance category selection chart.

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

- · Coveralls over long-sleeved shirt and long pants;
- · Chemical-resistant gloves;
- Chemical-resistant apron when mixing or loading or exposed to the concentrate;
- Chemical-resistant footwear plus socks;
- Chemical-resistant headgear for overhead exposures;
- A NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any R, P, or HE filter.

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.

Engineering Controls

When handlers use closed systems or closed cab motorized ground application equipment 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 thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated sites. Do not contaminate water when disposing of equipment wash water or rinsate.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL AND CHEMICAL HAZARDS

COMBUSTIBLE: Do not use or store near heat or open flame.

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.

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), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves made out of any waterproof material
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposures

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

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 to enter until sprays have dried.

Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

For ground boom applications, do not apply within 25 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Apply with nozzle height no more than 4 feet above the ground or crop canopy and when wind speed is 10 mph or less at the application site as measured by an anemometer. Use fine or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles.

The applicator also must use all other measures necessary to control drift.

CHEMIGATION PROHIBITION

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

GENERAL INFORMATION

TURF AND OTHER NONRESIDENTIAL OUTDOOR USES

Chlorpyrifos <u>E-Pro 4</u> Insecticide is an emulsifiable concentrate for control of pests located around industrial buildings (turf and ornamentals), road medians (turf and ornamentals), and golf course turf only. Do not apply more than 1 lb. a.i./acre (1 qt./acre of Chlorpyrifos <u>E-Pro 4 Insecticide</u>) to golf course

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turf. Pests controlled by Chlorpyrifos <u>E-Pro 4</u> Insecticide are listed in the following tables. Chlorpyrifos <u>E-Pro 4</u> Insecticide is compatible with fungicides, insecticides and miticides commonly recommended except for alkaline materials such as Bordeaux mixtures and lime. A small jar compatibility test should always be conducted using proper proportions of chemicals and water to check for physical compatibility prior to tank mixing.

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Precautions and Restrictions: Keep out of fish pools and other bodies of water. Do not treat vegetable gardens. Do not allow livestock to graze in treated areas. Do not feed treated grass cuttings (hay) or seed screenings to livestock or use hay for livestock bedding. Do not use Chlorpyrifos <u>E-Pro 4 Insecticide in poultry houses</u>.

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ORNAMENTALS IN NURSERIES, AROUND INDUSTRIAL BUILDINGS AND ROAD MEDIANS

Chlorpyrifos E-Pro 4 Insecticide may be used to treat evergreens, vines, flowers, shrubs, shade and flowering trees, non-bearing fruit, nut and citrus trees found in nurseries, around industrial buildings and road medians infested with pests listed in the following table. Dilute Chlorpyrifos E-Pro 4 Insecticide with water according to the directions given in the table and apply using suitable hand- or power-operated spray equipment. Ensure complete and uniform coverage. Uniform coverage is critical for effective insect and mite control. Apply a coarse spray to thoroughly wet both upper and lower leaf surfaces and infested limb and trunk areas. Attempt to penetrate dense foliage but avoid over-spraying to the point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. For application timing and other specific use information, consult your State Agricultural Experiment Station or Extension Service specialist.

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Extension Service specialist.

For nurseries, when using spray equipment delivering less than 200 gallons of finished spray per acre, use the rate recommended in the "per acre" column.

Note: Environmental factors have significant effects on phytotoxic expression. Chlorpyrifos <u>E-Pro 4</u> Insecticide has been tested on numerous ornamental plants without causing serious phytotoxicity at recommended use rates. Some varieties of azaleas, camellias, poinsettias, rose bushes, or variegated ivy have shown varying degrees of phytotoxicity following treatment with Chlorpyrifos <u>E-Pro 4</u> Insecticide. Before treating large numbers of plants (especially those previously listed), treat a small block of plants and observe for 7 to 10 days to determine phytotoxic potential.

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Note: The user assumes responsibility for determining if Chlorpyrifos <u>E-Pro 4 Insecticide is safe to treated plants under commercial growing conditions.</u>

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PEST*	Amount of Chlo		Specific Directions
	Per Acre	100 Gallons	·
Adelgids (Cooley) (Eastern spruce galls) (Pine bark) Ants (including foraging fire ants) Aphids (Apple) (Chrysanthemum) (Cottonwood) (Elm leaf) (Peach)	1 pt. – 1 qt.	8-16 fl. oz.	Treat when bagworm larvae are small and actively feeding. Locate carpenter ant nest, if possible and drench thoroughly. Directly spray into web and immediately adjacent foliage for control of fall webworms. For effective control of leafrollers, spray before leaves are tightly

PEST*	Amount of Chlorpyrifos E-Pro 4 Insecticide in Water to Make		Specific Directions		
	Per Acre	100 Gallons			
(Woolly)		100 04.10112	⁵ Apply spray to maple leafcutter		
Armyworms			larvae as cases are being formed		
(Fall)			for effective control. Do not treat		
(Yellowstriped)			sugar maple trees intended for		
Bagworms'			maple syrup production.		
Boxelder bugs					
Cankerworms			⁶ For effective control of spider		
Carpenter ants ²			mites when large numbers of eggs		
Catalpa sphinx			are present, apply a 2 nd spray 3-5		
Chiggers			days in the South or 7-10 days in		
Citrus mealy bugs	İ		the North after initial treatment to		
Cockroaches			control newly hatched nymphs.		
(American)					
(Brownbanded)			• •		
(German)	J				
(Oriental)		٠.	·		
(Smokey brown)					
Elm spanworms					
Fall webworms ³			·		
Grasshoppers					
Green fruitworms					
Hornworms					
Jackpine budworms					
Juniper webworms			,		
Katydids					
Lace bugs					
Leafhoppers					
Leafrollers ⁴					
Maple leafcutters ⁵	,				
Mites ⁶	,				
(Clover)					
(Red spider)					
(Southern red)			_		
(Spruce spider)					
(Twospotted spider)					
Oleander caterpillars			•		
Orange tortrix			·		
Periodical cicada					
Plant bugs		1			
Poplar tentmaker					
Psyllids	•	[
Puss caterpillars					
Rose chafers	•				
Sawflies, exposed		-			
(Pin oak)					
(Pine)		1			
(Redheaded)					
Sowbugs	,				
Spittlebugs					

PEST*	Amount of Chlorpyrifos E-Pro 4 Insecticide in Water to Make		Specific Directions
	Per Acre	100 Gallons	
Spring elm caterpillars	-,		
Springtails			
Spruce budworms			, i
(Eastern)			
(Western)		1	
Tent caterpillars			
(Eastern)			
(Forest)			·
(Western)			
Thornbug			
Walnut caterpillars			
Whiteflies			
Yellownecked caterpillars			
Armyworms	1 qt.	1 pt.	Make applications in the spring or
(Beet)			early summer to reduce twig and
Beetles			branch feeding by bark beetles.
(Fuller rose)			armen recurring by carrie course.
(Native elm bark)	•	1	² To kill migrating and invading
Browntail moth			gypsy moth larvae, treat trunks and
Cutworms			foliage.
Leafhoppers			10000
Mahogany webworms			³ Blackvine weevils are night
Mealybugs	4	+	feeders. Late afternoon spraying
Mimosa webworms			will maximize control.
Moths			Will make bottle on
(Browntail)			
(Cypress tip)			
(Douglas fir tussock)	,		
(European pine shoot)			
(Gypsy) ²			
(Holly bud)			
(Nantucket pine tip)			
(Pandora)			
(Pitch pine tip)			• •
(Subtropical pine tip)			
(Tussock)			·
Oakworms			
(California)			
(Orangestriped)			-
(Redhumped)			·
Redhumped caterpillars			·
Thrips (exposed)			
Weevils	1		
(Blackvine) ³		•	
(Pine production)			
(Yellow poplar)			
(1 ellow popial)	<u> </u>	<u> </u>	<u> </u>

PEST*	Amount of Chlo	rpyrifos E-Pro	Specific Directions	Deleted: G-Pro
1	4 Insecticide in			
	Per Acre	100 Gallons	1	
Foliar feeding Beetles	1 qt.	1 pt.	Use Chlorpyrifos <u>E-Pro</u> 4	Deleted: G-Pro
(Blister leaf)			Insecticide in water to control	
(Cottonwood leaf) ¹			cottonwood leaf beetle larvae and	
(Elm leaf)			adults infesting cottonwoods.	
(Flea)	•		Make the treatment when field	•
(Fuller rose)			counts indicate damaging beetle	,
(Japanese)	•		populations are developing or	·
(June)			present.	
(Willow leaf)			Presenti	
Borers	1 qt.	1 qt.	For borers, apply Chlorpyrifos E-	Deleted: G-Pro
Clearwing moths	1 4"	, 1 qt.	Pro 4 Insecticide to the trunks and	Defeted. G-110
(Ash)			lower limbs of trees and shrubs	
(Dogwood)			when the adults begin to emerge.	
(Lesser peachtree)	,		Consult your State Agricultural	
(Lilac)			Experiment Station or Extension	·
(Oak)		1	Service specialist for proper time	
(Rhododendron)			to treat. Apply uniformly as a	
Metallic wood			coarse low-pressure spray.	
(Bronze birch)			Pheromone traps may aid in	·
(Flathead appletree)			detection of adult clearwing moths.	
(Twolined chestnut)			detection of addit clear wing mons.	
Longhorned beetles			² Apply 1 qt. of Chlorpyrifos <u>E-Pro</u>	Deleted: G-Pro
(Locust)			4 Insecticide for cranberry girdler	Deleted. G-F10
(Red oak)			larvae. Direct spray at the base of	
Cranberry girdler larvae ²			tree using 50 gallons of water per	
Leafminers			acre. Irrigate immediately after	·
Needleminers			application for soil penetration of	
(Jeffrey pine)			1-2 inches. Treat after egg laying	
(Lodgepole pine)			during the summer.	
(Spruce)			daring the summer:	
Scale insects ³			³ Time applications for control of	÷
(Cottonycushion)		•	scale insects when crawlers or first	
(Cottony maple)			two stages of settled nymphs are	
(Euonymus)			present.	,
(Fletcher)			F	
(Florida wax)				
(Golden oak)				
(Hemispherical)				·
(Lecanium)				
(Magnolia)				
(Oak kermes)				
(Oak lacanium)				
(Oystershell)				
(Pine needle)			·	
(San Jose)				
(Tea)		1	•	
(White birch)		,	, in the second of the second	
(White peach)				·
Borers	1 qt.	3 qts.**	For peachtree borers, apply	
1 - 0		.1. 5 7.5.	peading of colors, apply	1

PEST*	Amount of Chlo		Specific Directions	Deleted: G-Pro
	4 Insecticide in			•
	Per Acre	100 Gallons		·
(Cottonwood)			Chlorpyrifos E-Pro 4 Insecticide in	Deleted: G-Pro
(Peachtree) ¹			water to flowering trees and shrubs	
	-		of the genus <i>Prunus</i> as a trunk	• '
•			spray before newly-hatched larvae	
•			enter the trees. Apply as a coarse,	·
1			low-pressure spray. Thoroughly	
		,	wet all bark areas from ground	
			level to scaffold limbs.	
			**When using the 2 at mor 100	
			**When using the 3 qt. per 100	
·*			gallon dilution, do not exceed 1 qt.	
			of Chlorpyrifos <u>E-Pro 4</u> Insecticide	Deleted: G-Pro
D. JI	1		per acre.	,
Beetles ¹	1 qt.	2 gals.***	For preventative treatment, apply	÷
(Includes Wood Infesting)			the spray to the main trunk of trees	,
(Ambrosia)			in the early spring or when threat	
(Anobiidae)			of attack exists from nearby	
(Black turpentine)			infested trees. For remedial	
(Cottonwood leaf)		-	treatment, apply the spray to the	
(Elm leaf)			main trunk of infested trees when	. :
(European elm bark)			damage occurs but before adult	
(Flea)			beetles begin to emerge.	
(Fuller rose)			27	
(Japanese)	•		² To prevent native elm bark beetles	
(June)			from overwintering in uninfested	
(Native elm bark) ²		•	trees, apply Chlorpyrifos <u>E-Pro 4</u> Insecticide in water to the bottom 9	Deleted: G-Pro
(Southern pine)				
(Willow leaf)	,		ft. of the trunk. Wet the trunk	
			thoroughly but do not spray to runoff. Care should be taken to	
**		•		
			apply the spray right to the base of	
			the root flare. Application can be	
			made with either a backpack	
			mistblower or a hydraulic pressure	
			sprayer from spring through early fall.	* 4
• •			1411.	
			***When using the 2-gallon per	
•	,		100-gallon dilution, do not exceed	
			I qt. of Chlorpyrifos <u>E-Pro</u> 4	Deleted: G-Pro
			Insecticide per acre.	

^{*}Superscripts refer to Specific Directions

ORNAMENTALS IN NURSERIES AND GREENHOUSES (SOIL TREATMENT)

Chlorpyrifos <u>E-Pro</u> 4 Insecticide may be used to treat containerized, potted, or balled and burlapped nursery stock to control the insects in the soil attached to the roots of these plants. Completely submerge the container with drain holes or root ball stabilized by burlap in a tank containing diluted Chlorpyrifos <u>E-Pro</u> 4 Insecticide. Do not remove burlap wrap or plastic containers with drain holes prior to submerging.

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Keep the container or root ball submerged until complete soil saturation has occurred, normally about 30 seconds.

Precautions: During all operations (submerging, drenching, injecting), wear a chemical-resistant apron in addition to other PPE listed for applicators and other handlers. Make applications in a well-ventilated area.

Note: Environmental factors have significant effects on phytotoxic expression. Chlorpyrifos <u>E-Pro 4</u> Insecticide has been tested on numerous ornamental plants without causing serious phytotoxicity at recommended use rates. However, because of the numerous varieties grown, treat a small group of plants at the recommended rate under the anticipated growing conditions and observe for at least 7 days to determine phytotoxic potential before treating a larger number of plants.

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Note: The professional user assumes responsibility for determining if Chlorpyrifos <u>E-Pro 4 Insecticide is</u> safe to treated plants under commercial growing conditions.

	PEST*	Amount of	Chlorpyrifos	Specific Directions		
		E-Pro 4 In	E-Pro 4 Insecticide in			Deleted: G-Pro
·		Water	to Make			
		1 Gallon	100 Gallons			
	Fire Ants	1/25 fl. oz.	4 fl. oz.	As an alternative to submerging potted plants,		
-1				dilute 4 oz. of Chlorpyrifos E-Pro 4 Insecticide		Deleted: G-Pro
				in 100 gallons of water. Apply this dilution to		
		İ		the point of runoff twice daily for 3 consecutive		
				days. Do not remove burlap wrap or container		
				from plants prior to treatment.		
	White Grubs ²	2/3 fl. oz.	2 qts.**	² An alternative treatment to submerging		
	Weevils ³ (such as			containerized plants is to drench the container		
	Blackvine)			with the diluted insecticide solution applying		

PEST*	Amount of Chlorpyrifos <u>E-Pro</u> 4 Insecticide in		Specific Directions	Deleted: G-Pro
		to Make		
	1 Gallon	100 Gallons		
Coffee root	1/6 fl. oz.	1 pint	approximately 10 to 12 fl. oz. of diluted	
mealybug ²			insecticide solution per gallon of container size	
			(4-5 fl. oz./100 cubic inches of container). The	
			container media should be pre-moistened by	
			irrigation or rainfall before drenching. Do not	•
	:	·	remove container from plants prior to treatment.	
			³ An alternate treatment to submerging balled	
•			and burlapped plants is to inject Chlorpyrifos E-	Deleted: G-Pro
	1		Pro 4 Insecticide into the root ball. Equally	Deleten o 110
			distribute 1 to 3 quarts of the dilute Chlorpyrifos	
•			E-Pro 4 Insecticide solution per cubic foot of	Deleted: G-Pro
			soil volume through an injection rod inserted	Deletedi
•			into the soil ball surrounding the plant roots.	•
		1	Uniform distribution of the insecticide	
			throughout the soil of the root ball is critical for	
			effective control. It is recommended that the	
•			injection rod be inserted in at least 4 equally	
			spaced locations around the stem of the plant at	•
	ĺ		a 30-45 degree angle from the plant between the	
			stem and the upper, outer perimeter of the ball.	•
		ا ر ٔ	This technique has been shown to be most	•
		}	effective with small root balls (up to 1.5 ft. in	•
			diameter). Larger root balls may require more	
			injection points to ensure thorough soil	
			distribution of the insecticide. The injection rod	•
			should be coupled to a flow meter to monitor the	•
	•		correct volume applied per root ball using an	
•			injection pressure of at least 30 psi. The	
	J	J.	application should be made such that splash-	
			back and runoff are minimized.	
			**Do not exceed more than 1 quart of	
	-		Chlorpyrifos <u>E-Pro</u> 4 Insecticide per acre.	Deleted: G-Pro
*Superscripts refer to	Specific Dire	ctions	Cinorpyrnos E-F10 4 insecticide per acre.	Deleted: G-Pro

ORNAMENTAL IN NURSERIES, GREENHOUSES, INDUSTRIAL PLANT SITES AND ROAD MEDIANS (DORMANT SPRAY OF TREE PESTS)

Chlorpyrifos <u>E-Pro 4</u> Insecticide may be used as a dormant or delayed dormant spray at the rates indicated to control the listed insects. Chlorpyrifos <u>E-Pro 4</u> Insecticide may be used without oil; however, oil is recommended to control additional pests such as the European red mite.

For high volume (dilute) sprays (200 to 600 gallons of spray mixture per acre), tank mix the specified dosage with 1 to 2 gallons of a petroleum spray oil recommended for dormant use in 100 gallons of water. Spray the entire tree to runoff using suitable ground spray equipment.

For low volume (concentrate) sprays (less than 200 gallons of spray mixture per acre), use the same amount of Chlorpyrifos E-Pro 4 Insecticide as for a dilute spray and apply in a manner that will ensure Deleted: G-Pro Deleted: G-Pro

thorough coverage of the trees. Use oil as recommended by your State Agricultural Experiment Station or Extension Service specialist.

Precautions: Do not apply until rain or irrigation have replenished soil moisture such that bark and twigs are not desiccated since cold dry conditions may cause Chlorpyrifos <u>E-Pro 4</u> Insecticide plus oil to infuse trees resulting in bud damage or drop.

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For nurseries: Do not use more than 2 pints of Chlorpyrifos E-Pro 4 Insecticide per acre.

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Restrictions: Make only one application during the dormant season except for the control of the apple ermine moth. Do not allow meat or dairy animals to graze in treated areas.

PEST		of Chlorpyrifo cide in Water t		Specific Directions	Deleted: G-Pro
	1 Gallon	3 Gallons	100 Gallons	·	
Aphids (Mealy plum) (Rosy apple) (Woolly apple) Borers	1/12-1/6 fl. oz.	1/2 fl. oz.	½-1 pt.	Tank mix with 1-2 gallons of a petroleum spray oil recommended for dormant use in 100 gallons of water.	
(Peach twig) Cutworms (Climbing) Leafrollers (Pandemis) Pear psylla adults					
Plant bugs Scale (San Jose)					
Apple ermine moth	1/12 fl. oz.	¼ fl. oz.	½ pt.	For control on Malus species, make 2 applications at a 7-14 day interval in combination with a petroleum spray oil at the rate of 2-4% (v/v) in a spray to wet application to ensure thorough coverage of all stems and branches. When using tank mixtures, follow all label directions for the mixing partner	
				(oil). Use appropriate application equipment and spray volumes to ensure complete coverage of the plant(s) or control will be compromised.	

ORNAMENTALS IN NURSERIES AND GREENHOUSES (PREPLANT INCORPORATION TREATMENT OF FIELD GROWN NURSERY STOCK)

White Grubs and White Fringed Beetles:

To control white grubs and white fringed beetles during transplant or seedling establishment, apply Chlorpyrifos <u>E-Pro 4</u> Insecticide to soil and incorporate before transplanting or planting. Apply to the soil surface as a broadcast spray at a rate of 1 quart per acre using sufficient water to obtain adequate coverage. Do not make aerial applications. On the same day of treatment, incorporate the insecticide into

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the top 2 to 4 inches of the soil using a tandem disc, field cultivator or equivalent incorporation equipment capable of thorough soil mixing.

Precaution: Environmental factors and varietal variation can significantly affect the potential for phytotoxicity from pesticide use. Chlorpyrifos <u>E-Pro 4</u> Insecticide has been evaluated at the above indicated rate on loblolly pine without phytotoxic effects. Prior to making large-scale applications, growers should prepare and observe a small test plot as above in order to determine the potential phytotoxicity in species or varieties other than loblolly pine. Use the following procedure: (1) Treat a small test block as above; (2) Seed or transplant the test species or variety and observe for symptoms of phytotoxicity for a minimum of 14 days following emergence or transplanting.

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Note: The professional user assumes responsibility for determining if Chlorpyrifos <u>E-Pro 4</u> Insecticide is safe to treated plants under commercial growing conditions.

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Garden Symphylans:

Apply Chlorpyrifos <u>E-Pro 4</u> Insecticide as a preplant incorporated treatment to suppress garden symphylans on land to be planted to field grown ornamentals. Apply as a broadcast application to the soil surface at the maximum rate of 1 quart per acre in at least 10 gallons of water per acre. On the same day of treatment, incorporate the insecticide to a depth of up to 8 inches using a disc, rotovator or other suitable equipment. Use the higher rate range for longer residual control or where deeper incorporation is necessary.

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Precaution: Environmental factors significantly affect phytotoxicity. Chlorpyrifos <u>E-Pro 4 Insecticide</u> has been tested on numerous ornamental plants without causing serious phytotoxicity. However, because of the numerous varieties grown, treat a small group of plants at the recommended rate under the anticipated growing conditions and observe for phytotoxic symptoms for at least 7 days, before a large number of plants are treated. Do not blend Chlorpyrifos <u>E-Pro 4 Insecticide</u> with dry bulk fertilizer materials.

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Note: The professional user assumes responsibility for determining if Chlorpyrifos <u>E-Pro 4</u> Insecticide is safe to treated plants under commercial growing conditions.

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TREE PESTS IN NURSERIES AND GREENHOUSES

Chlorpyrifos <u>E-Pro 4</u> Insecticide may be used to treat shade and flowering trees, and evergreens infested with pests listed in the following table. Dilute Chlorpyrifos <u>E-Pro 4</u> Insecticide with water according to the directions given in the table and apply using suitable hand- or power-operated spray equipment in a manner to provide complete and uniform coverage. Apply a coarse spray to thoroughly wet both the upper and lower leaf surfaces and to infested limb and trunk areas. Attempt to penetrate dense foliage, but avoid overspraying to the point of excessive runoff. Treat when pests appear and repeat application at 7 to 10 day intervals, if needed. Consult your State Agricultural Experiment Station or Extension Service specialist for application timing and other specific use information applicable to your area.

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PEST*	Amount	of Chlorpyrifo	s <u>E-Pro</u> 4	Specific Directions	Deleted: G-Pro
	Insectic	ide in Water t	o Make		
	1 Gallon	3 Gallons	100 Gallons	·	
Adelgids	1/12 fl. oz.	1/4 fl. oz.	8 fl. oz.	Treat when bagworm larvae are	
(Cooley)				small and actively feeding.	
(Eastern spruce gall)			Ì		•
(Pine bark)				² For effective control of fall	·
Aphids	·			webworms, direct spray into web	
(Apple)		· ·		and immediately surrounding	
(Chrysanthemum)			ļ	foliage.	·
(Cottonwood)					
(Elm leaf)			-	³ For control of leafrollers, apply	
(Peach)				spray before leaves are tightly	<u> </u>

PEST*		of Chlorpyrifo ide in Water t		Specific Directions	Deleted: G-Pro
,	1 Gallon	3 Gallons	100 Gallons	-	
(Page)	1 Ganon	3 Gallons	100 Gallons	rolled.	
(Rose) (Spirea)				roned.	
(Woolly)				⁴ Apply spray to maple leafcutter	
Bagworms ¹				larvae as cases are being formed.	
Boxelder bugs				Do not treat sugar maple trees	
Cankerworms	. *			intended for maple syrup	
Catalpa sphinx		·		production.	
Citrus mealybugs			,	5p cc .:	
Elm spanworms				⁵ For effective control of spider	
Fall webworms ²				mites, when large numbers of eggs	•
Greenstriped				are present, apply a second spray	
mapleworms				3-5 days after the initial treatment	
Jackpine budworms			•	in the South and 7-10 days in the	
Juniper webworms				North to control newly hatched	·
Katydids				nymphs.	
Lace bugs					
Leafhoppers			·		
Leafrollers ³					'
Maple leafcutters ⁴					
Mites ⁵				1	
(Clover)					
(Red spider)					
(Southern red)	,				
Oak skeletonizers					. *
Poplar tentmakers				· ·	
Puss caterpillars					
Sawflies, exposed					
(Pin oak)					•
(Pine)					
Spring elm caterpillars					•
Spruce budworms					
Tent caterpillars					
(Eastern)	•				•
(Forest)					
(Western)				·	
Walnut caterpillars					
Western spruce				·	
budworms					
Yellownecked caterpillars					
Beetles	1/6 fl. oz.	½ fl. oz.	1 pt.	¹ To reduce foliar feeding on twigs	
(Fuller rose)	•			and branches by beetles, apply in	
(Native elm bark) ¹				the spring or early summer.	
Leafhoppers					
Mahogany webworms		,		² To kill migrating and invading	
Mealybugs				gypsy moth larvae, treat trunk and	•
Mimosa webworms				foliage.	
Moths			-		
(Browntail)				³ Blackvine weevils are night	
(Cypress tip)				feeders. Late afternoon spraying	

PEST*		of Chlorpyrife		Specific Directions	Deleted: G-Pro
		ide in Water		-	
	1 Gallon	3 Gallons	100 Gallons		
(Douglas fir tussock)				will maximize control.	·
(European pine shoot)	•				·
$(Gypsy)^2$					
(Holly bud)			Ì		
(Nantucket pine tip)					·
(Pandora)		j			
(Pitch pine tip)					
(Subtropical pine tip)			· ·	,	
(Tussock)	*				
Oakworms					
(California)	i				·
(Orangestriped)					
(Redhumped)					
Redhumped caterpillars	,				
Thrips (exposed)	.*				
Weevils					,
(Blackvine) ³					,
(Pine reproduction)					· ·
(Yellow poplar)					_
Beetles	1/6-1/3 fl. oz.	½-1 fl. oz.	1 pt1 qt.	¹ For cottonwood leaf beetles, use	
(Cottonwood leaf) ¹				Chlorpyrifos E-Pro 4 Insecticide in	Deleted: G-Pro
(Elm leaf)				water to control larvae and adults	
(Flea)		1		infesting cottonwoods. Apply	
(Willow leaf)				when field counts indicate	
	·			damaging beetle populations are	·
				developing or are present. For	
·		,		seedlings, use 8-20 gallons of	
			<u> </u>	spray volume per acre.	
Borers'	1/3 fl. oz.	1 fl. oz.	l qt.	For borers, apply Chlorpyrifos E-	Deleted: G-Pro
Clearwing moths				Pro 4 Insecticide to the trunks and	
(Ash)		,		lower limbs of trees and shrubs	
(Dogwood)				when the adults begin to emerge.	
(Lesser peachtree)				Consult your State Agricultural	
(Lilac)				Experiment Station or Extension	•
(Oak)				Service specialist for proper time	
(Rhododendron)		٠,		to treat in your area. Apply	
Metallic wood				uniformly as a coarse low-pressure	
(Bronze birch)				spray. Pheromone traps may aid	
(Flatheaded appletree)				in detection of adult clearwing	
(Twolined chestnut)				moths.	
Longhorned beetles				2	
(Locust)			1	² Apply 1 quart of Chlorpyrifos <u>E</u> -	Deleted: G-Pro
(Red oak)				Pro 4 Insecticide per acre to	
Cranberry girdler larvae ²	. *			cranberry girdler larvae infesting	
Leafminers				Douglas fir seedlings. Direct	
Needleminers				spray at the lower crown and	
(Jeffrey pine)		Ì		stems using 50 gals. of water per	
(Lodgepole pine)			1	acre. Irrigate immediately after	
(Spruce)		<u> </u>		application for soil penetration of	·

PEST*		of Chlorpyrifo ide in Water (Specific Directions	Deleted: G-Pro
	1 Gallon	3 Gallons	100 Gallons		
Scale insects ³ (Cottonycushion)				1-2 inches. Treat after egg laying during the summer.	
(Cottony maple)					·
(Euonymus)				³ Time applications for control of	
(Fletcher)				scale insects when crawlers or first	
(Florida wax) (Golden oak)				two stages of settled nymphs are present.	
(Hemispherical)				present.	
(Lecanium)					
(Magnolia)					
(Oak kermes)				, and the second	
(Oystershell)					·
(Pine needle)		:		,	
(San Jose)					
(Tea)		'	1.		1
(White birch) Northern pine weevil	1 fl. oz.	3 fl. oz.	3 qts.**	Apply as a cut stump spray or	
Pales weevil	1 11. 02.	3 11. 02.	J qis.	drench in winter or early spring.	·
Tales weevin				**Do not exceed 1 quart of	
	:			Chlorpyrifos E-Pro 4 Insecticide	Deleted: G-Pro
				per acre.	
Borers	1 fl. oz.	3 fl. oz.	3 qts.**	For peachtree borers, apply	
(Cottonwood)				Chlorpyrifos E-Pro 4 Insecticide in-	Deleted: G-Pro
(Peachtree) ¹				water to flowering trees and	
				shrubs of the genus Prunus as a	
				trunk spray before newly hatched larvae enter the trees. Apply as a	
				coarse low-pressure spray.	
				Thoroughly wet all bark areas	
•				from ground level to scaffold	·
				limbs.	
•					
				**Do not exceed more than 1	
		,		quart of Chlorpyrifos <u>E-Pro 4</u> Insecticide per acre.	Deleted: G-Pro
Beetles	1 1/3 fl. oz.	4 fl. oz.	1 gal.**	For preventative treatment, apply	
(Cottonwood leaf)	1 1/3 11. 02.	1 11. 02.	, gan	spray to the main trunk of trees in	
(Elm leaf)		·		the early spring or when threat of	
(Flea)				attack exists from nearby infested	
(Fuller rose)			,	trees. For remedial treatment,	
(Native elm bark) ²				apply the spray to the main trunk	
(Willow leaf)				of infested trees or logs when	,
				damage occurs but before adult	
•				beetles begin to emerge.	• .
				² To prevent native elm bark	
				beetles from overwintering in	
				uninfested trees, apply a dilution	
				of 1 gallon per 100 gals. of water	

PEST*	Amount of Chlorpyrifos E-Pro 4 Insecticide in Water to Make			Specific Directions	Deleted: G-Pro	
	1 Gallon	3 Gallons	100 Gallons	(1 1/3 fl. oz. per gallon) as a spray to the bottom 9 ft. of the trunk. Wet the trunk thoroughly but do not spray to runoff. Care should be taken to apply the spray to the base of the root flare. Applications can be made from spring to early fall. To reduce twig and branch feeding on trees deemed to be of high value, apply as a spray to the tree crown using a dilution of 1 gallon per 100 gals. of water (1 1/3 fl. oz. per gallon). Applications should be made in the spring or early summer using a		
Beetles	2 2/3 fl. oz.	8 fl. oz.	2 gals.**	**Do not exceed more than I quart of Chlorpyrifos E-Pro 4 Insecticide per acre. For preventative treatment, apply	Deleted: G-Pro	
(Ambrosia) (Anobiidae) (Bark) (Black turpentine) (Blister) (European elm bark) (Ips) (Japanese) (June)				the spray to the main trunk of trees in the early spring or when threat of attack exists from nearby infested trees. For remedial treatment, apply the spray to the main trunk of infested trees or logs or before adult beetles begin to emerge.		
(Southern pine) (Spruce) Carpenter ants Termites	·			**Do not exceed more than 1 quart of Chlorpyrifos E-Pro 4 Insecticide per acre.	Deleted: G-Pro	
Weevils (Such as Northern pine, Pitch eating, Twig)	5 1/3 fl. oz.	16 fl. oz.	4 gals.**	Treat pine seedlings immediately after transplanting. Treat each seedling with enough spray to thoroughly wet the foliage and stem to the point of runoff. For nurseries, do not use more than 6 gals. of spray dilution per acre.		
				**Do not use more than 1 quart of Chlorpyrifos E-Pro 4 Insecticide	Deleted: G-Pro	

^{*}Superscripts refer to Specific Directions

TURF, INDUSTRIAL PLANT, AND ROAD MEDIAN OUTDOOR USES

Apply Chlorpyrifos <u>E-Pro</u> 4 Insecticide to control the pests listed in the following table at the recommended dosages and in accordance with the directions given below or as recommended by your local Agricultural Extension Service specialist. Dilute Chlorpyrifos <u>E-Pro</u> 4 Insecticide in water and apply as a coarse, low-pressure spray using suitable application equipment. Except as noted, thoroughly water immediately after treatment to wash the insecticide into the turf. The area to be treated should be moist at the time of treatment. Spray when pests first appear, retreat when needed.

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PEST*	Amount of Chlo		Specific Directions	Deleted: G-Pro
	Acre	-		
Ticks	1,000 sq. 1t.	1 ½ pts.	For control of ticks, treat soil and other areas likely	
(American dog)	74 11. 02.	1 72 pts.	to serve as harborage sites for ticks that have	,
(Cattle fever)			removed themselves from their host. Spray surface	
(Gulf coast)			to be treated until wet but do not create excessive	·3
(Lone star)	•		runoff. Note: This application is intended as a	
(Lone star)		[premise spray only.	•
	·		Do not use as a direct spray on livestock or any site	· ·
	*		that may come in contact with livestock.	.5
Anta (including foreging	³¼ fl. oz.	1 qt.	Apply Chlorpyrifos <u>E-Pro</u> 4 Insecticide for area	Deleted: G-Pro
Ants (including foraging fire ants)	74 11. 02.	ı qı.	control of ticks and chiggers infesting golf course	Deleted: G-Pro
,				
Armyworms	į	}	turf, turf in road medians and industrial plant sites	
(Beet)			where these pests are present and create a nuisance	
(Fall)			or a possible public health problem. Do not allow	
(Yellowstriped)			public use of treated areas during application or	
Centipedes			until spray has dried. Apply Chlorpyrifos E-Pro 4-	Deleted: G-Pro
Chiggers ¹			Insecticide in water at the rate of ½ pint/acre	
Chinch bugs			(equivalent to 1/6 fl. oz. per 1,000 sq. ft.) using a	
Clover mites			hydraulic sprayer, mist applicator, knap sack	
Cutworms			sprayer, or other suitable hand- or power-operated	
Crickets		i	spray equipment. Treat low underbrush, grassy	
Deer ticks ²			areas, weeds, and ground surface and debris using	
Earwigs			enough spray volume to obtain thorough coverage,	
Fiery skipper			usually 40-100 gals./acre.	
Fire ants (mounds) ³		ļ	2	
Fleas			² Apply Chlorpyrifos <u>E-Pro</u> 4 Insecticide in water at	
Gnats ,			the rate of 1 quart per acre or ¾ fl. oz. per 1,000 sq.	
Grasshoppers			ft. for control of deer ticks. Treat low underbrush,	
Greenbug aphids	·	}	turf, grassy areas, weeds, and ground surface and	
June beetles			debris, using enough spray volume to obtain	
Leafhoppers			thorough coverage.	
Lucerne moths	· ·			·
Millipedes			³ For individual fire ant mounds, apply Chlorpyrifos	
Mites		:	E-Pro 4 Insecticide as a drench, diluted at the rate-o	Deleted: G-Pro
(Clover)			1 fl. oz. per 4 gals. of water. Gently sprinkle a total	
(Bermudagrass stunt)			of 1 gallon of the diluted emulsion over the surface	
(Formula grass)			of each mound using a gentle spray (such as a	
(Winter grain)			sprinkler can). Thoroughly wet mound and	
Pillbugs			surrounding areas to a 4 ft. diameter (12 sq. ft.).	
Sod webworms ⁴			Apply in cool weather (65°F-80°F), or in early	
(Lawn moths)			morning or late evening hours. Treat new mounds	
Sowbugs		1	as they appear. Pressurized spray may disturb the	· ·

PEST* Amount of Chlorpyrifos E-		Specific Directions	Deleted: G-Pro	
-	Pro 4 Insecticide per		<u>'</u>	
·	1,000 sq. ft.	Acre		
Ticks			ants and cause migration, reducing product effectiveness.	
			⁴ For sod webworms, watering or mowing of the treated area should be delayed for 24 hours after treatment.	
European crane fly	1 fl. oz.	l qt.		<u> </u>
Turfgrass weevil (Hyperodes)	1 ½ fl. oz.	l qt.	Make application to problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service specialist.	
White grubs¹ (Black turfgrass ataenius) (European chafer) (Japanese beetle larvae)	1 ½-3 fl. oz.	1 qt.	Spray when white grubs are young and actively feeding near the soil surface, usually during late July and August or as recommended by your local Agricultural Extension Service specialist. Immediately after spraying, irrigate the treated area	
(Southern and Northern masked chafer)			with ½ to 1 inch of water to wash the insecticide deep into the thatch or into the underlying soil.	
Billbug adults, such as: (Bluegrass) (Denver) (Hunting)	3/4-3 fl. oz.	1 qt.	Spray early in the season when adult billbugs first appear.	
Mole Crickets	1 ½ fl. oz.	1 qt.	For mole crickets in golf course turf, turf in road medians, and industrial plant site turfgrass, apply through high-pressure injection or other suitable subsurface placement application equipment. Depending on the application equipment used, follow the manufacturer's recommendation for	
			calibration and the volume of spray per acre needed to provide control or as recommended by your local Agricultural Extension Service specialist. Apply when young nymphs are active.	
Imported Fire Ants in commercial sod		1 qt.	Apply Chlorpyrifos <u>E-Pro 4</u> Insecticide as a spray to the area of sod to be cut. Immediately after application, irrigate treated area with at least ½ acre inch of water or a sufficient volume to thoroughly soak below the cut line. Do not apply a volume or rate of water to cause runoff. Sod can be cut when vegetation has dried and when soil is moist, but not wet.	-

^{*}Superscripts refer to Specific Directions.

OUTSIDE SURFACES AND AROUND INDUSTRIAL PLANT SITES (SUCH AS AROUND WAREHOUSES, FOOD PROCESSING AND FOOD MANUFACTURING SITES)

Chlorpyrifos <u>E-Pro 4</u> Insecticide may be applied as a residual spray to and around outside surfaces of nonresidential buildings and structures. Permitted areas of use include, but are not limited to: fences, pre-construction foundations, refuse dumps, outside of walls, and other areas where pests congregate or have been seen. Do not allow adults, children or pets to contact treated surfaces until sprays have dried. Keep out of fish pools and other bodies of water. Do not feed treated grass cuttings (hay) or seed screenings to livestock, or use treated hay for livestock bedding. Do not treat vegetable gardens. Repeat

treatment as needed to maintain effectiveness. Unless prohibited by a product's label, users, at their own discretion can tank mix pesticides currently labeled for similar use patterns. Always perform a small jar compatibility test using proper proportions to check for physical compatibility prior to tank mixing. Do not tank mix this product with products containing dichlorvos (DDVP).

PEST*		of Chlorpyrifos		Specific Directions	Deleted: G-Pro
	Insecticide in Water to Make				
	1 Gallon	10 Gallons	50 Gallons	·	•
	For	Band Treatme			·
Ants	1/4 tsp.	3/4 fl. oz.	4 fl. oz.	¹ To help prevent infestation of	
Bees				non-residential buildings, treat a	*
Beetles				band of soil 6-10 ft. wide around	
Boxelder bugs (or other				and adjacent to buildings including	
true bugs)				the building foundation to a height	
Carpenter ants			1	of 2-3 ft. where pests are active	
Centipedes		•	Į.	and may find entrance. Use 4 fl.	
Clover mites				oz. of Chlorpyrifos E-Pro 4	Deleted: G-Pro
Cockroaches			+	Insecticide per 50 gals. of water	
(American)		Į.	l	and apply as a coarse spray at the	
(Asian)				rate of about 10 gals. of spray	
(Brownbanded)				mixture per 1,000 sq. ft. to	
(German)				thoroughly and uniformly wet the	
(Oriental)	*			band area.	•
(Smokey brown)					
Crickets				² For scorpions, treat or remove	
Earwigs				accumulations of lumber,	
Elm leaf beetles (adults)				firewood, and other materials that	
Firebrats				serve as insect harborage sites.	
Fleas	•			Make a thorough perimeter	
Flies				treatment around the structure	_
Hornets		,		using directions for band treatment	·
Millipedes			1	above.	
Pillbugs		,			
Scorpions ²					
Silverfish					
Sowbugs					
Spiders				·	
Springtails		1			
Ticks					·
Wasps					
Yellowjackets					
20.000	For	Outside Surfa	ces	** Do not exceed 1 quart of	
ŀ	1 1/3 fl. oz.	13 1/3 fl. oz.	2 qts.**	Chlorpyrifos <u>E-Pro</u> 4 Insecticide	Deleted: G-Pro
	1 1/3 11, 02.	1 20 210 21, 02.) = yω.	1 Chickprines at 10 This conclude,	11 Deserte C-110

^{*}Superscripts refer to Specific Directions.

ANTS, TERMITES AND MISCELLANEOUS PESTS

nvis, reidille	O I II I I I I I I I I I I I I I I I I	DDD: II IDOOD	LOID	
Amount of Chlorpyrifos E-Pro 4			Specific Directions	Deleted: G-Pro
Insecticide in Water to Make				
1 Gallon	3 Gallons	100 Gallons	-	
1/6 fl. oz.	½ fl. oz.	1 pt.	For fire ant mound treatment,	-
			apply as a drench. Dilute 1 fl. oz.	
	Amount of Insection 1 Gallon	Amount of Chlorpyrifo Insecticide in Water t 1 Gallon 3 Gallons	Amount of Chlorpyrifos <u>E-Pro 4</u> Insecticide in Water to Make 1 Gallon 3 Gallons 100 Gallons	Insecticide in Water to Make 1 Gallon 3 Gallons 100 Gallons 1/6 fl. oz. ½ fl. oz. 1 pt. For fire ant mound treatment,

PEST*	PEST* Amount of Chlorpyrifos E-Pro 4 Insecticide in Water to Make		Specific Directions	Deleted: G-Pro	
	1 Gallon	3 Gallons	100 Gallons		
(American) (Asian) (Brownbanded) (German) (Oriental) (Smokey brown) (Wood) Fire ants (foraging workers) Fire ants (mounds) ¹ Sowbugs Springtails				per 4 gallons of water. Gently sprinkle 1-2 gallons of the diluted insecticide over the surface of each mound and surrounding areas to a 2-foot diameter. Apply in cool weather (65°F-80°F), or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.	
Carpenter ants ² Termites	2 2/3 fl. oz.	8 fl. oz.	2 gals.**	² Locate carpenter ant nests and drench thoroughly. **Do not exceed 1 quart of Chlorpyrifos E-Pro 4 Insecticide per acre.	Deleted: G-Pro

^{*}Superscripts refer to Specific Directions.

GENERAL CONTROL OF WOOD-INFESTING INSECTS

Mix Chlorpyrifos <u>E-Pro 4</u> Insecticide with water and apply as a general surface or localized injection treatment with pressurized sprayers or other equipment suitable for applying insecticides to localized areas. Avoid contact with treated surfaces until spray has dried. Cover or remove exposed foods before treatment. Do not apply where electrical short circuits could occur. Permitted areas of use include, but are not limited to: wood surfaces, voids and channels in damaged wood, junctions between wood and foundation, gaps between wooden members. Not for use in wood treatment in residential areas.

Mixing Directions: To make a 0.5% water based spray, mix 1 1/3 fl. oz. of Chlorpyrifos <u>E-Pro 4</u> Insecticide per each gallon of spray mixture. A stable emulsion can be formed by first adding approximately one-half of the required amount of water to a spray tank followed by adding the proper amount of Chlorpyrifos <u>E-Pro 4</u> Insecticide, then the remaining water. Close the tank and shake vigorously for 5 to 10 minutes.

Tank Mixing: Unless prohibited by a product's label, users, at their own discretion can tank mix pesticides currently labeled for similar use patterns. Always perform a small jar compatibility test using proper proportions to check for physical compatibility prior to tank mixing. Do not tank mix this product with products containing dichlorvos (DDVP).

Application Methods: This product may be applied either by brushing onto targeted surfaces or as a coarse spray. Equipment capable of delivering a coarse, low-pressure (about 25 psi) spray is recommended for treatment of large or overhead areas. Use sufficient amount of spray dilution to cover the area to the point of wetness but avoid spraying to the point of runoff.

PEST*	Specific Directions		
Beetles	¹ Beetles may be controlled by applying spray		
(Anobiidae)	mixture to infested areas, or areas where		
(Bostrichidae)	infestations are likely to occur. These areas		
(Cerambycidae)	include, but are not limited to wood surfaces, voids		
(Lyctidae)	and channels in damaged wood, in spaces between		
Carpenter ants ² (and other wood infesting ants)	wooden members of a structure, and junctions		
Carpenter bees	between wood and foundations. Use the following		

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Termites

guidelines to determine appropriate rates of application: New wood (typically less than 10 years of age), apply at about 1 gallon of dilution per 150 sq. ft. Old wood (typically greater than 10 years of age), apply at about 1 gallon of dilution per 100 sq. ft.

²Control wood-infesting ants by applying spray mixture around doors and windows, cracks or crevices, or other areas where ants may enter, crawl, or hide. Primary colonies are typically found outside through an exterior inspection. Correction of sanitation and structural deficiencies or landscape modifications may be necessary for effective control.

³This product will kill workers and/or winged reproductive forms of termites present at the time of application only. Application of this product will not provide structural protection nor substitute for mechanical alteration, soil or foundation treatment with termiticide. This product is not to be used as sole protection against termites, as it is not intended for use for elimination of termite infestations nor for protection against future infestations. A professional inspection is recommended.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a secured dry storage area.

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

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONDITION 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 should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of <u>Etigra</u> or <u>Seller</u>. All

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^{*}Superscripts refer to Specific Directions.

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Etigra 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. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Etigra, and Buyer and User assume the risk of any such use. ETIGRA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY

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