	r		
	For retail sale to and uses covered by the c	RESTRICTED USE PESTICIDE Due To Acute Toxicity And Carcinogenicity use by certified applicators or persons under their direct super ertified applicator's certification.	vision and only for those
	A multi nemator Not for use in gree ACTIVE INGR		t parasitic 1 cropland. nigation applications.
	Chloropi OTHER INGR TOTAL:	Oropropene	59.6% <u>1.4%</u> 100.0%
		One gallon of Strike 60CP Fumigant weighs 12.1 lbs. at 68°F (20°C s 4.7 pounds of 1,3-Dichloropropene and 7.2 pounds of Chloropicrin	
	D	ANGER PELIG	RO
		POISON	
	IN ALL C	ed no entiende la etiqueta, busque a alguien para que se la explique a Usted e (If you do not understand the label, find someone to explain it to you in deta ASES OF OVEREXPOSURE, GET MEDICAL ATTENTION IMI RSON TO A DOCTOR OR TO AN EMERGENCY TREATMEN	MEDIATELY.
		FIRST AID	
	I IF INHALED:	 Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment and the preferable of the	
area	I IF ON SKIN OR CLOTHING:	 Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minut Call a poison control center or doctor for treatment advice. 	es.
barcode	IF IN EYES:	 Hold eye open and rinse slowly and gently with water for 15 Remove contact lens, if present, after 5 minutes, and then a Call a poison control center or doctor for treatment advice. 	
	IF SWALLOWED:	 Call a poison control center or doctor immediately for treatment Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison cor Do not give anything by mouth to an unconscious person. 	
		tainer or label with you when calling a poison control center or doct nation in case of an emergency, call toll free (1-800-424-9300).	or, or going for treatment.
	[See lab	el booklet for additional Precautionary Statements and complete Directio	ons for Use.] Net Contents
	EPA Reg. No. 11220-15	Sold By: Trident Agricultural Products, Inc.	□ 303 LBS

	[Booklet Copy Area: 6.0" x 8.125"]	
	For retail sale to and use by certified covered by the certified applicator's	TRICTED USE PESTICIDE Acute Toxicity And Carcinogenicity applicators or persons under their direct supervisio certification.	on and only for those uses
	A multi-purpose liquid nematodes and to help Not for use in greenhouses or oth ACTIVE INGREDIENTS: 1,3-Dichloropropene Chloropicrin OTHER INGREDIENTS: One gallon of Contains 4.7 pounds of KEEP OU DANGE Si Usted no entiende la (If you do not u	e 60CP Fumigan fumigant for preplant treatment of soil to control plant manage certain soil-borne diseases and symphlyans in er enclosed areas and not for use in drip or other chen f Strike 60CP Fumigant weighs 12.1 lbs. at 68°F (20°C 1,3-Dichloropropene and 7.2 pounds of Chloropicrin T OF REACH OF CHILD R PELIG POISON retiqueta, busque a alguien para que se la explique a Usted en derstand the label, find someone to explain it to you in deta EREXPOSURE, GET MEDICAL ATTENTION IMIN	nt parasitic n cropland. nigation applications.
		FIRST AID	
	If person is preferably	on to fresh air. s not breathing, call 911 or an ambulance, and ther by mouth-to-mouth, if possible. on control center or doctor for further treatment a	
area	OR CLOTHING: • Rinse skin	ontaminated clothing. immediately with plenty of water for 15-20 minute on control center or doctor for treatment advice.	es.
barcode ar	Remove c	open and rinse slowly and gently with water for 15 ontact lens, if present, after 5 minutes, and then c on control center or doctor for treatment advice.	
	Have pers Do not ind	on control center or doctor immediately for treatm on sip a glass of water if able to swallow. uce vomiting unless told to do so by a poison con e anything by mouth to an unconscious person.	
		with you when calling a poison control center or doc of an emergency, call toll free (1-800-424-9300).	tor, or going for treatment.
	[See inside of label booklet for	or additional Precautionary Statements and complete Dir	=
	EPA Reg. No. 11220-15-53766	dent Agricultural Products, Inc.	Net Contents: ☐ 303 LBS
		. O. Box 1909 • Woodland, WA 98674	□ 1210 LBS □ Other LBS

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NOTE TO PHYSICIAN

Because rapid absorption may occur through lungs if product is aspirated and cause systemic effects, the decision to induce vomiting or not should be made by a physician. Probable mucosal damage may contraindicate the use of gastric lavage. If lavage is performed, endotracheal and/or esophageal control is suggested. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Chloropicrin is a volatile liquid that is the active ingredient in tear gas. As a gas it is a powerful lachrymator. Early symptoms of overexposure are lachrymation, respiratory distress and vomiting. Pulmonary edema may develop later. Treatment is symptomatic.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Hazardous liquid and vapor. May cause lung, liver, and kidney damage and respiratory system irritation upon prolonged contact. The use of this product may be hazardous to your health. This product contains 1,3-dichloropropene, which has been determined to cause tumors in laboratory animals. Risks can be reduced by exactly following directions for use, precautionary statements, and by wearing the personal protective equipment specified in this labeling. Fatal if inhaled or swallowed. Poisonous liquid and vapor. Corrosive. Liquid causes skin burns and irreversible eye damage. Do not breathe vapor or gas. Do not get in eyes, on skin or on clothing. Chloropicrin is readily identifiable by smell. Exposures to very low concentrations of vapor will cause irritation of eyes, nose and throat. Continued exposure after irritation occurs, or exposure to higher concentration may cause painful irritation or temporary blindness.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. PPE constructed of saranex, neoprene, nitrile, and chlorinated polyethylene provide short-term contact or splash protection against liquid in this product. Longer-term protection is provided by PPE constructed of viton, Teflon, and EVAL barrier laminates (for example, responder suits manufactured by Life-guard or silvershield gloves manufactured by North). Where chemical-resistant materials are required, leather, canvas, or cotton materials offer no protection from this product and must not be worn as the sole article of protection when contact with this product is possible. Where coveralls are required, they must be loose-fitting and constructed of woven fabrics (e.g., tight knit cotton or cotton/polyester), non-woven fabrics (e.g., tyvek or sontara), or fabrics containing microporous Teflon.

When performing tasks with NO potential for contact with liquid fumigant, all handlers (including applicators) must wear:

- · Long-sleeved shirt and long pants, and
- · Shoes and socks.

When performing tasks with potential for contact with liquid fumigant, all handlers (including applicators) must wear:

- Long-sleeved shirt and long pants,
- Chemical-resistant gloves,
- Chemical-resistant apron,
- Protective eyewear (Do NOT wear goggles), and
- Chemical-resistant footwear with socks.

The PPE required when handling liquid fumigant must be immediately available and must be worn if the handler is to perform any handling activity with a potential for liquid fumigant contact.

 All handlers (including applicators) must wear a half-face air-purifying respirator (except when handlers are in enclosed cabs or applying the fumigant with equipment that disrupts the chisel trace and seals the soil at the same time, e.g., Yetter applicator) equipped with an organic-vapor (OV, NIOSH approval number prefix TC-23C) cartridge and a particulate pre-filter (Type N, R, P or HE, NIOSH approval number prefix TC-84A).

If sensory irritation (tearing, burning of the eyes or nose) is experienced and handlers remain in the application block or buffer zone, handlers must wear at a minimum either:

- A NIOSH certified full facepiece air-purifying respirator equipped with an organic vapor (OV, NIOSH approval prefix TC-23C) cartridge and a particulate pre-filter (Type N, R, P, or HE, NIOSH approval number prefix TC-84A), or
- A gas mask with a canister approved for organic vapor (NIOSH approval number prefix TC-14G).

See Directions for Use, Air Monitoring Requirements, Respiratory Protection and Stop Work Triggers, number 1, Handlers Wearing Half-Face Air-Purifying Respirators for when an air-purifying respirator (full facepiece or gas mask) is required.

IMPORTANT: A self-contained breathing apparatus (SCBA) is not permitted for routine handler tasks.

If responding to an emergency, when corrective action is needed to reduce air concentrations to acceptable levels, wear an SCBA. Escape-only SCBA respirators must not be used by handlers for responding to emergencies. In addition wear PPE required for potential contact with liquid fumigant.

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	 Handlers using enclosed cabs are not required to wear respiratory protection (not applicable in California) provided that the cab has been maintained according to the manufacturer's written operating instructions and there is written documentation that the ventilation system has been maintained according to the manufacturer's instructions and the enclosed cab is in conformance with the following requirements: The enclosed cab must maintain a positive pressure of 6 mm H₂O. The enclosed cab must have a minimum air intake flow of 43 m³/hour. The enclosed cab must be equipped with activated charcoal filter media containing no less than 1000 grams of activated charcoal. The filter must be changed after no more than 50 hours of application time. See Directions for Use, Air Monitoring Requirements, Respiratory Protection and Stop Work Triggers, number 2, Handlers in Enclosed Cabs (Not Applicable in California) for stop work procedures. Handlers applying the fumigant with equipment that disrupts the chisel trace and seals the soil with one implement, e.g., Yetter applicator (not applicable in California) are not required to wear respiratory protection unless sensory irritation is experienced. If sensory irritation (tearing, burning of the eyes or nose) is experienced and handlers remain in the application block or buffer zone, handlers must wear at a minimum either: A NIOSH certified full facepiece air-purifying respirator equipped with an organic vapor (OV, 	 USER SAFETY REQUIREMENTS Never Fumigate Alone: It is imperative to always have an assistant and proper protective equipment in case of accidents. Drivers' Responsibilities: Drivers of application equipment must advise other workers of all precautions and procedures. In addition, drivers must instruct their helpers in the mechanical operation of the tractor and how to safely work with the tractor and driver while fumigating. Dispose of Contaminated Clothing: Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Clean and Maintain PPE: 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. Contact With Mouth: Never siphon this product by mouth or use mouth to blow out clogged lines, nozzles, etc. Heat Illness Avoidance: Use measures to avoid or minimize heat illness while using this product. These measures include gradual adjustment to heat and respirator stress, fans for cooling, cooling vests, frequent breaks to cool down, frequent intake of drinking water, and maintaining weight from day to day.
barcode area	 NIOSH approval prefix TC-23C) cartridge and a particulate pre-filter (Type N, R, P, or HE, NIOSH approval number prefix TC-84A), or A gas mask with a canister approved for organic vapor (NIOSH approval number prefix TC-14G). See Directions for Use, Air Monitoring Requirements, Respiratory Protection and Stop Work Triggers, number 3, Handlers Applying the Fumigant with Equipment That Disrupts the Chisel Trace and Seals the Soil with One Implement, e.g., a Yetter applicator (not applicable in California) for when respiratory protection is required. 4. Handlers exposed to greater than 1.5 ppm of chloropicrin, (e.g., in an emergency when corrective action is needed to reduce air concentrations to acceptable levels), and handlers exposed to this product in poorly ventilated areas, must wear at a minimum: Chemical-resistant gloves such as barrier laminate (EVAL) or viton Chemical-resistant footwear with socks Chemical-resistant headgear A self-contained breathing apparatus (SCBA) with NIOSH approval number prefix TC-13F. 	<section-header><section-header><section-header><section-header><list-item><list-item></list-item></list-item></section-header></section-header></section-header></section-header>

	 [Booklet Copy Area: 6.0" x 8.125"] ENVIRONMENTAL HAZARDS This pesticide is toxic to 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. Do not contaminate water when disposing of equipment washwaters or rinsate. Chloropicrin has certain properties and characteristics in common with chemicals that have been detected in groundwater (chloropicrin is highly soluble in water 	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
	 and has low adsorption to soil). For untarped applications of chloropicrin, leaching and runoff may occur if there is heavy rainfall after soil fumigation. Groundwater Advisory: 1,3-dichloropropene is known to move through soil and under certain conditions has the potential to reach groundwater as a result of agricultural use. Application in areas where soils are permeable and groundwater is near the surface could result in groundwater contamination. 	assistance. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS). <i>No instructions</i> <i>elsewhere on this labeling relieve users from</i> <i>complying with the requirements of the WPS.</i> For the entry restricted period and notification requirements, see the <i>Entry Restricted Period</i> and <i>Notification</i> section of this labeling. PPE For Entry During the Entry-Restricted Period: PPE for entry that is permitted by this labeling is listed in the <i>Personal</i> <i>Protective Equipment (PPE)</i> section of this labeling.
	 PHYSICAL OR CHEMICAL HAZARDS Combustible. Do not use or store near heat or open flame. Do not mix or allow coming in contact with oxidizing agent. A chemical reaction hazard may occur. Handle carefully! Do not drop or let container be impacted by heavy objects. An explosion hazard may occur. <u>DIRECTIONS FOR USE</u> Restricted Use Pesticide 	READ ALL DIRECTIONS FOR USE CAREFULLY BEFORE APPLYING. READ THE ENTIRE LABEL. USE ONLY ACCORDING TO LABEL DIRECTIONS. BEFORE BUYING OR USING THIS PRODUCT, READ "LIMITED WARRANTY" AND "LIMITATION OF LIABILITY AND REMEDIES". Terms Used in This Labeling <u>Soil Fumigant Training Program:</u> Certified applicator training that provides information on (1) how to correctly apply the fumigant, including how to comply with new label
barcode area	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 handlers may be in the application block from the start of the application until the entry restricted period ends, and in the buffer zone during the buffer zone period. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.	requirements; (2) how to protect handlers and bystanders; (3) how to determine buffer zone distances; (4) how to complete an FMP and the post-application summary; (5) how to determine when weather and other site-specific factors are not favorable for fumigant application; (6) how to comply with required GAPs and how to document compliance with GAPs in the FMP; and (7) how to develop and implement emergency response plans. <u>Fumigant Safe Handling Information</u> : Information that must be provided annually to handlers that must include the following: (1) what fumigants are and how they work, (2) safe application and handling of soil fumigants, (3) air monitoring and respiratory protection requirements for handlers, (4) early signs and symptoms of exposure, (5) appropriate steps to take to mitigate exposures, (6) what to do in case of an emergency, and (7) how to report incidents. <u>Application Block:</u> Area within the perimeter of the fumigated portion of a field (including furrows, irrigation ditches, roadways). The perimeter of the application
		block is the border that connects the outermost edges of total area treated with the fumigant product.

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	Application Rate: The ratio of fumigant mass applied	for the tractor co-pilot and one sample for a downwind	1
	compared to the soil surface area (e.g., pounds of product	shoveler. Results of previous sampling may indicate	
1	per acre). The application rate is expressed on this labeling	which tasks and locations are worst case and therefore	1
1	in terms of either the "treated area application rate" or the	representative of all handlers.	1
1	"broadcast equivalent application rate." The "treated area	<u>B25 Tarp:</u> The names of tarps meeting the requirements of B25 Tarp will be displayed on the US EPA website at	1
	application rate" relates to only the rate of fumigant applied to the portion of the field that is fumigated (e.g., rate within	<u>https://www.epa.gov/soil-fumigants/tarps</u> . For all buffer	
- I.	the bed or strips). The "broadcast equivalent application	zones in California, see the California requirements at	
1	rate" relates to the rate of fumigant applied within the entire	https://www.cdpr.ca.gov/chloropicrin.htm.	1
i i	perimeter of the application block. For bedded and strip	Application Destrictions	i.
1	applications, the "broadcast equivalent application rate"	Application Restrictions	
	must be calculated to determine the buffer zone distance	 The use of this product is restricted to the methods described in this label. 	
- E	required by this labeling.	 Do not formulate and/or tank mix this product into other 	1
1	<u>Start of the Application:</u> The time at which the fumigant is first delivered/dispensed into the soil in the application block.	end-use agricultural products.	1
1	Application is Complete: The time at which the fumigant	Soil fumigation using Strike 60CP Fumigant must be	11
	has stopped being delivered/dispensed into the soil and	conducted only according to directions and conditions	1
	the soil has been sealed; drip lines have been purged	of use.	
1	(if applicable).	Chemigation: Do not apply Strike 60CP Fumigant	1
1	Entry Restricted Period: This period begins at the	through any type of irrigation system.	
1	start of the application and expires depending on the	 Not for use in greenhouses or other enclosed areas. An application block treated with Strike 60CP 	1
	application method and if tarps are used when the tarps are perforated and removed. Entry into the application	Fumigant must not be within 100 feet of an occupied	
- I.	block during this period is only allowed for appropriately	structure. No person shall be present at this structure	
1	PPE-equipped handlers performing handling tasks. See	at any time during the seven consecutive day period	1
1	the Entry Restricted Period and Notification section for	after the application is complete. EXCEPTION: This	÷.
1	additional information.	restriction does not apply to use on soils that have not	
	Buffer Zone: An area established around the perimeter	experienced a 1,3-Dichloropropene treatment in the	
1	of each application block. The buffer zone must extend	previous two years, for example, on soils to be planted	1
1	outward from the edge of the application block perimeter	with fruit trees, nut and nursery crops, perennial vines, hops, mint or pineapple.	1
1	equally in all directions. <u>Buffer Zone Period:</u> Begins at the start of the application	 Strike 60CP Fumigant shall not be applied to soil more 	
	and lasts for a minimum of 48-hours after the application	frequently than once each year.	
- L	is complete. Non-handlers must be excluded from the	• Do not apply within 100 feet of any well used for potable	
1	buffer zone during the buffer zone period.	water. Do not apply this product within 100 feet from the	1
1.1	Difficult to Evacuate Sites: Pre-K to Grade 12 schools,	edge of karst topographical features. Karst topography	
	state-licensed daycare centers, nursing homes, assisted	is identified from landscape features that result from the	
	living facilities, hospitals, in-patient clinics, and prisons.	dissolving activity of water in carbonate rock formations (limestone, dolomite and marble). Surface features	
- I.	<u>Owner:</u> Any person who has a present possessory interest (fee, leasehold, rental, or other) in an agricultural	that are associated with karst topography include	1
1	establishment. A person who has both leased such	sinkholes, caverns, springs, and sinking or disappearing	1
1	agricultural establishment to another person and granted	streams. In North Dakota, South Dakota, Wisconsin,	1
	that same person the right and full authority to manage and	Minnesota, New York, Maine, New Hampshire,	
	govern the use of such agricultural establishment is not an	Vermont, Massachusetts, Utah, and Montana: Where	
1	owner. See definition of "owner" in WPS (40 CFR §170.3).	groundwater aquifers exist at a depth of 50 feet or less	
1	Roadway: Portion of a street or highway improved,	from the surface, do not apply this product where soils	
1	designed or ordinarily used for vehicular travel, exclusive	are Hydrologic Group A.Use Restrictions for Certain Florida Counties:	
	of the sidewalk or shoulder even if such sidewalk or shoulder is used by persons riding bicycles. In the event	Additional use restrictions listed below apply to the	
- T	a highway includes two or more separated roadways, the	following Florida counties: Brevard, Broward, Charlotte,	1
1	term <i>roadway</i> shall refer to any such roadway separately.	Citrus, Collier, Dade, DeSoto, Glades, Hardee, Hendry,	1
1	Representative Handling Task: For air monitoring, the	Hernando, Highlands, Hillsborough, Indian River, Lake,	÷.
	locations and handler activities sampled must represent	Lee, Manatee, Martin, Monroe, Okeechobee, Orange,	1
1	each handler's exposure occurring within the application	Osceola, Palm Beach, Pasco, Pinellas, Polk, Sarasota,	
1	block. For example, for an application consisting of a	Seminole, St. Lucie, Sumter, and Volusia. For all other Elorida counties, follow the label affixed to the product	1
1	seven-handler crew (1 tractor driver, 1 tractor co-pilot, 4 shovelers, and 1 certified applicator supervising) two	Florida counties, follow the label affixed to the product container for Strike 60CP Fumigant.	1
1	breathing zone samples could be collected: one sample	container for carno ocor i arnigant.	
	broating zone samples could be collected. One sample	5	

	o Use Strike 60CP Fumigant only on soils that have	nematode resistant crop varieties that may aid in reducing	, T
	a relatively shallow hard pan or soil layer restrictive	crop losses from soil borne pests.	1
	to downward water movement (such as spodic horizon) within six feet of the ground surface and are	Use Precautions	- I
	capable of supporting seepage irrigation regardless	Recontamination Prevention	
	of irrigation method employed.	Strike 60CP Fumigant will help manage certain soil borne pests that are present in the soil treatment zone at time of	1
	o Use standard chisel injection equipment to inject Strike 60CP Fumigant as deep as possible without	fumigation. It will not control pests that are introduced into	1
	placing the fumigant directly into the shallow	soil after fumigation. To avoid reinfestation of treated soil	
	subsurface irrigation water.	do not use irrigation water, transplants, seed pieces, or	1
	o Strike 60CP Fumigant may not be applied within	equipment that could carry soil borne pests from infested	
	100 feet of drinking water wells.	land. Avoid contamination from moving infested soil onto treated beds through cultivation, movement of soil from	
	For Applications in California Only:	below the treated zone, dumping contaminated soil in	1
	Use the buffer zone distances specified by the California	treated fields and soil contamination from equipment	i.
	Department of Pesticide Regulation, which are found	or crop remains. Clean equipment carefully before	
	at the website listed below. Additional California	entering treated fields. Cultural practices, which provide	1
	Department of Pesticide Regulation requirements must	post-harvest destruction of crop residues and weeds prior to fumigation and practices which prevent weed	
	also be followed, including:	infestation following fumigation and prior to planting, will	1
	Additional tarp requirements	help prevent recontamination.	1
	 Application time restrictions Additional buffer zone restrictions for overlapping 	Equipment Clean-Up	1
	buffer zones and credits	Because Strike 60CP Fumigant is corrosive under	
	 Additional emergency preparedness and response 	certain conditions, flush all application equipment with fuel oil, kerosene or a similar type of petroleum solvent	
	requirements	immediately after use. Fill pumps and meters with new	
	The certified applicator must follow all California buffer	motor oil or a 50% motor oil/fuel oil mixture before storing.	1
	zone requirements and California restrictions that are	Do not use water. Dispose of rinsate by incorporation	1
	specified at: <u>https://www.cdpr.ca.gov/chloropicrin.htm</u> .	into field just treated or by other approved means. Never	i.
	Product Information	introduce rinsate or unused Strike 60CP Fumigant into surface or underground water supplies.	
	This product is a multi-purpose liquid fumigant for preplant	Fertility Interactions	1
	treatment of soil to control nematodes, symphylans,	Fumigation may temporarily raise the level of ammonia	
	wireworms and certain soil borne diseases in cropland. This	nitrogen and soluble salts in the soil. This is most likely to	
	product, a soil fungicide and nematicide, may be applied as a preplant soil treatment to control or to aid in reducing	occur when high rates of fertilizer and fumigant are applied to soils that are either cold, wet, acidic, or high in organic matter.	1
	the damaging effects of certain soil borne diseases, such	To avoid injury to certain crops including red beets, carrots,	1
	as potato scab (caused by Streptomyces scabies), soil rot	corn, radishes, cole crops, legumes (beans), lettuce, onions,	1
	(soil pox) of sweet potatoes, Granville (bacterial) wilt, black	and sugarbeets, fertilize when possible as indicated by soil	
	root rot and black shank diseases of tobacco, <i>Verticillium</i> wilt of mint, pink root of onions, and pod rot of peanuts. This	tests made after fumigation. Use only fertilizers containing	1
	product also controls plant parasitic nematodes, such as	nitrates until after the crop is well established and the soil temperature is above 65°F. In mineral soils, do not apply	
	root-knot, root lesion, citrus, cyst formers (golden, sugar	more than $\frac{2}{3}$ of the nitrogen requirements from fertilizers	
	beet, soybean), burrowing, lance, reniform, ring, spiral,	containing ammonium salts until the crop is well established	1
	sting, pin, stubby root, stylet, dagger and certain others, as	and soil temperature is above 65°F. To avoid ammonia injury	1
	well as symphylans (garden centipedes) and wireworms. Before fumigation, soil sampling for the type and number	or nitrate starvation (or both) to crops grown on high organic soils, do not use fertilizers containing ammonium salts. When	
	of pests present is recommended. In fields where pre-	using high rates of Strike 60CP Furnigant as required by	
	treatment soil samples indicate the presence of high	certain state nursery regulations, liming of highly acid soils	
	population levels of nematodes, a successful fumigation	before fumigation may stimulate nitrification and reduce the	1
	cannot be expected to eradicate entire populations.	possibility of ammonia toxicity. Certain nursery crops such	1
	Therefore, post-treatment sampling is recommended to determine the need for additional pest management	as citrus seedlings, <i>Cornus</i> sp., <i>Crataegus</i> sp., spruce, and vegetable crops such as cauliflower have shown evidence	1
]	practices. Consult State Agricultural Experiment Station	of phosphorus deficiency following fumigation. To avoid this	
	or Extension Service specialists for information on other	possible effect, additional phosphate fertilizer (foliar applied)	1
	practices such as post-harvest destruction of crop residues,	is recommended where experience indicates a deficiency	I.
	weed control or other cultural practices, and use of	may occur.	1
	6		1

1	Certified Applicator Training	Protection for Handlers Supervision of Handlers:
	Any certified applicator supervising a soil fumigant application must have successfully completed one of the soil fumigant training programs listed on the following EPA website <u>https://www.epa.gov/soil-fumigants/soil- fumigant-training-certified-applicators</u> for the active ingredient(s) in this product. The training must be	For all applications, from the start of the application until the application is complete, a certified application must be at the application block in the line of sight o the application and must directly supervise all persons performing handling activities.
	completed in the time frames listed on the website. The FMP must document the date and location where the soil fumigant training program was completed. Handlers The following activities are prohibited from being performed by anyone other than persons who have been appropriately trained and equipped as handlers in accordance with the requirements in WPS (40 CFR	For handling activities that take place after the application is complete until the entry restricted period expires, the certified applicator is not required to be on-site, but mus have communicated in a manner that can be understood by the site owner and handlers responsible for carrying out those activities the information necessary to comply with the label and procedures described in the FMP (e.g. emergency response plans and procedures).
	 Part 170): Monitoring fumigant air concentrations; Cleaning up fumigant spills (this does not include emergency personnel not associated with the application); 	IMPORTANT: This requirement does not override the requirements in the Worker Protection Standard for Agricultural Pesticides for information exchange between operators of agricultural establishments and commercial pesticide applicators.
	 Handling or disposing of fumigant containers; Cleaning, handling, adjusting, or repairing the parts of application equipment that may contain fumigant residues; and Performing any handling tasks as defined by the WPS (40 CFR 170). The following activities are prohibited from being performed in the application block from the start of the application until the entry restricted period ends and in the 	The certified applicator must provide Fumigant Safe Handling Information to each handler or confirm tha within the past 12 months, each handler has received Fumigant Safe Handling Information in a manner that he she can understand. Fumigant Safe Handling Informatior will be provided where this product is purchased o at <u>https://www.epa.gov/soil-fumigants/soil-fumigant</u> <u>training-certified-applicators</u> .
	 application until the entry restricted period ends and in the buffer zone during the buffer zone period by anyone other than persons who have been appropriately trained and equipped as handlers in accordance with the requirements in WPS (40 CFR Part 170). (NOTE: persons repairing and monitoring tarps are considered handlers for the duration listed below). Prohibited activities (except for trained and equipped handlers) include: Participating in the application as supervisors, loaders, drivers, tractor co-pilots, shovelers, cross ditchers, or as other direct application participants; Installing, repairing, operating, or removing irrigation equipment; Performing scouting, crop advising, or monitoring tasks; Installing, perforating (cutting, punching, slicing, poking), or removing tarps; and Repairing or monitoring tarps are not perforated and removed during those 14 days. 	 For all handling tasks at least two handlers must be present. Exception: After the application is complete, only one trained handler is required to perform fumigant site monitoring tasks outside of the buffer zone. Exclusion of Non Handlers from the Application and the owner of Non Handlers from the application and the owner of the establishment where the application is taking place must make sure that all persons who are not trained and PPE-equipped and who are not performing one of the handling tasks as stated in this labeling are: excluded from the application block during the entry restricted period, and excluded from the buffer zone exemption for transi on roadways in <i>Buffer Zone Requirements</i> section).
	NOTE: see <i>Tarp Perforation and/or Removal</i> section on this labeling for requirements about when tarps are allowed to be perforated. Handlers do not include local, state, or federal officials performing inspection, sampling, or other similar official duties.	Local, state, or federal officials performing inspection sampling, or other similar official duties are no excluded from the application block or the buffer zone by this labeling. The certified applicator supervising the application and the owner of the establishment where the application is taking place are not authorized to or responsible for, excluding those officials from the

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Providing, Cleaning, and Maintaining PPE:	Air Monitoring Requirements,
The employer of any handler (as stated in this label) must	Respiratory Protection,
make sure that all handlers are provided and correctly wear the required PPE. The PPE must be cleaned	• •
and maintained as required by the Worker Protection	and Stop Work Triggers Air Monitoring Requirements
Standard for Agricultural Pesticides.	 When air-purifying respirators (full facepiece or
Air Purifying Respirator Availability:	gas mask) are worn, air monitoring samples for
The employer of any handler must confirm that an air-	chloropicrin must be collected at least every 2 hours
purifying respirator and appropriate cartridges/canisters	in the breathing zone of a handler performing a representative handling task.
of the type specified in the <i>PPE</i> section of this labeling are immediately available for each handler who will wear	 When breathing zone samples are required, they must
one (see Respirator Fit Testing, Medical Qualification,	be taken outside respiratory protection equipment and
and Training section for additional requirements).	within a 10-inch radius of the handler's nose and mouth.
Exception: Air-purifying respirators do not need to be	 When using devices to monitor air concentration levels, a direct read detection device, such as an electronic
 made available for handlers performing fumigant site monitoring tasks outside of the buffer zone. 	device or a colorimetric device (e.g., Matheson-
Cartridges or canisters must be replaced when odor or	Kitagawa, Draeger, or Sensidyne) must be used. The
sensory irritation from this product becomes apparent	devices must have sensitivity of at least 0.15 ppm for chloropicrin. Persons using direct read detection
during use, if the measured concentration of chloropicrin is greater than or equal to 1.5 ppm, or after 8 hours of	for chloropicrin. Persons using direct read detection devices must follow the manufacturer's directions.
cumulative use, whichever occurs first.	1. Handlers Wearing Half-Face Air-Purifying
Respirator Fit Testing, Medical Qualification, and	Respirators
Training:	(Handlers are required to start work in half-face air-
Using a program that conforms to OSHA's requirements	purifying respirators.) The Air Monitoring Requirements section above must
(see 29 CFR Part 1910.134), employers must verify that any handler who uses a respirator is:	be followed.
 Fit-tested and fit-checked, 	• If at any time any handler experiences sensory
Trained, and	irritation (tearing, burning of the eyes or nose) while
Examined by a qualified medical practitioner to ensure physical objitute apple wear the other of receivant to	wearing a half-face respirator then either: o (OPTION 1) An air-purifying respirator (full
physical ability to safely wear the style of respirator to be worn. A qualified medical practitioner is a physician	facepiece or gas mask) must be worn by all
or other licensed health care professional who will	handlers who remain in the application block or
evaluate the ability of a worker to wear a respirator.	surrounding buffer zone, or o (OPTION 2) Operations must cease and handlers
The initial evaluation consists of a questionnaire that asks about medical conditions (such as a heart	not wearing air-purifying respirators (full facepiece
condition) that would be problematic for respirator use.	or gas mask) must leave the application block and
If concerns are identified, then additional evaluations,	surrounding buffer zone.
such as a physical exam, might be necessary. The initial evaluation must be done before respirator use	For OPTION 1 [all handlers are wearing air-purifying
begins. Handlers must be reexamined by a qualified	respirators (full facepiece or gas mask)]
medical practitioner if their health status or respirator	 a) Handlers can resume operations wearing half-face air- purifying respirators if all of the following conditions exist:
style or use-conditions change.	o Two consecutive chloropicrin breathing zone
 Upon request by local/state/federal/tribal enforcement personnel, employers must provide documentation 	samples taken at the handling site at least 15
demonstrating how they have complied with these	minutes apart must be less than 0.15 ppm, and
requirements.	 Handlers do not experience sensory irritation. During the collection of air samples an air-purifying
1	respirator (full facepiece or gas mask) must be worn
· 	by the handlers taking the air samples. Samples
	must be taken where the sensory irritation was first
	experienced. b) If at any time (1) a handler experiences sensory irritation
1	when wearing an air-purifying respirator (full facepiece
I	or gas mask), or (2) a chloropicrin air sample is greater
1	than or equal to 1.5 ppm, then all handler activities must cease and handlers must be removed from the
1	application block and surrounding buffer zone.

	i. Handlers can resume operations wearing half-	3. Handlers Applying the Fumigant with Equipment	I.
	face air-purifying respirators if all of the following conditions exist:	That Disrupts the Chisel Trace and Seals the Soil with One Implement, e.g., a Yetter Applicator (Not	
	Two consecutive chloropicrin breathing zone	Applicable in California)	1
	samples taken at the handling site at least 15	(Handlers applying the fumigant with equipment that	1
	minutes apart must be less than 0.15 ppm,	disrupts the chisel trace and seals the soil with one	1
	 Handlers do not experience sensory irritation, 	implement, e.g., a Yetter Applicator are not required to	
	and	start work in half-face air-purifying respirators.)	
	 Cartridges/canisters have been changed. During the collection of air samples an air- 	The <i>Air Monitoring Requirements</i> section above must be followed.	1
	purifying respirator (full facepiece or gas	 If at any time any handler experiences sensory irritation 	1
	mask) must be worn by the handler taking the	(tearing, burning of the eyes or nose) then either:	1
	air samples. Samples must be taken where	o (OPTION 1) An air-purifying respirator (full	
	the sensory irritation was first experienced or	facepiece or gas mask) must be worn by all	1
	where sample(s) were greater than or equal to 1.5 ppm.	handlers who remain in the application block or surrounding buffer zone, or	I.
	For OPTION 2 (Operations ceased)	o (OPTION 2) Operations must cease and handlers	
	a) Handlers can resume operations wearing half-face	not wearing an air-purifying respirator (full facepiece or gas mask) must leave the application block and	
	air-purifying respirators if all of the following conditions exist:	or gas mask) must leave the application block and surrounding buffer zone.	1
	o Two consecutive chloropicrin breathing zone	For OPTION 1 [all handlers are wearing air-purifying	
	samples taken at the handling site at least 15	respirators (full facepiece or gas mask)]	
	minutes apart must be less than 0.15 ppm, and o Handlers do not experience sensory irritation.	 a) Handlers can remove air-purifying respirators (full facepiece or gas mask) if all of the following conditions 	1
	o During the collection of air samples an air-purifying	exist:	I.
	respirator (full facepiece or gas mask) must be worn	o Two consecutive chloropicrin breathing zone	
	by the handler taking the air samples. Samples	samples taken at the handling site at least 15	1
	must be taken where the sensory irritation was first	minutes apart must be less than 0.15 ppm, and	
	experienced.	o Handlers do not experience sensory irritation.	1
	2. Handlers in Enclosed Cabs (Not Applicable in CA)	 During the collection of air samples an air-purifying respirator (full facepiece or gas mask) must be worn 	1
	(Handlers in enclosed cabs are not required to start work	by the handler taking the air samples. Samples	1
	in half-face air-purifying respirators if the conditions in the	must be taken where the sensory irritation was first	
	Personal Protective Equipment (PPE) section are met.) The Air Monitoring Requirements section above must	experienced.	
	be followed.	b) If at any time: (1) a handler experiences sensory	1
	 If at any time a handler experiences sensory irritation 	irritation when wearing an air-purifying respirator (full	1
	(tearing, burning of the eyes or nose) while in the	facepiece or gas mask) or (2) a chloropicrin breathing	1
	enclosed cab, operations must cease and handlers	zone sample is greater than or equal to 1.5 ppm, then all handler activities must cease and handlers	
	must leave the application block and buffer zone.	must be removed from the application block and the	
מ	 Operations may resume in the enclosed cab provided that: 	surrounding buffer zone.	1
ସାପସ	 that: o Two consecutive chloropicrin samples taken in the 	o Handlers can resume operations without wearing	1
1)	breathing zone of the handlers at the handling site	an air-purifying respirator (full facepiece or gas	
חמו כחתי	at least 15 minutes apart must be less than 1.5 ppm,	mask) if all of the following conditions exist:	
ž	o Handlers do not experience sensory irritation, and	 Two consecutive chloropicrin breathing zone samples taken at the handling site at least 15 	
	o The filter has been changed.	minutes apart must be less than 0.15 ppm, and	1
	o During the collection of air samples, an air-purifying	 Handlers do not experience sensory irritation. 	1
	respirator (full facepiece or gas mask) must be worn by the handler taking the air samples. Samples	• During the collection of air samples an air-	
	must be taken where the sensory irritation was first	purifying respirator (full facepiece or gas mask)	1
	experienced.	must be worn by the handler taking the air	1
		samples. Samples must be taken where the	T
		sensory irritation was first experienced or where sample(s) were greater than or equal to 1.5 ppm.	
		sample(s) were greater than or equal to 1.5 ppm.	
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L	[Booklet Copy Area: 6.0" x 8.125"]		
parcode area	 Booklet Copy Area: 6.0" x 8.125"] Handlers can resume operations with wearing an air-purifying respirator (full facepiece or gas mask) if all of the following conditions exist: Two chloropicrin breathing zone samples taken at the handling site at least 15 minutes apart must be less than 1.5 ppm, Handlers do not experience sensory irritation, and Cartridges/canisters have been changed. During the collection of air samples an air-purifying respirator (full facepiece or gas mask) must be worn by the handler taking the air samples. Samples must be taken where the sensory irritation was first experienced or where sample(s) were greater than or equal to 1.5 ppm. For OPTION 2 (Operations ceased) a) Handlers can resume operations if all of the following conditions exist: Two consecutive chloropicrin breathing zone samples taken at the handling site at least 15 minutes apart must be less than 0.15 ppm, and Handlers do not experience sensory irritation. During the collection of air samples an air-purifying respirator (full facepiece or gas mask) must be worn by the handler taking the air samples. Samples must be less than 0.15 ppm, and Handlers do not experience sensory irritation. During the collection of air samples an air-purifying respirator (full facepiece or gas mask) must be worn by the handler taking the air samples. Samples must be taken where the sensory irritation was first experienced. TRP Perforation and/or Removal. INPORTANT: Persons perforating, repairing, removing, and/or monitoring tarps are defined, within certain time limitations, as handlers (see Handlers section), and they must be provided the PPE and other protections for handlers as required on this labeling and in the Worker Protection Standard for Agricultural Pesticides. For applications must not be perforated until a minimum of 9 days (216 hours) have elapsed after the application is complete, and mu	 If tarps are perforated within 14 days after the application is complete, tarp removal must not begin until at least 2 hours after tarp perforation is complete. If tarps are perforated but not removed within 14 days after the application is complete, planting or transplanting must not begin until at least 48 hours after the tarp perforated or removed within 14 days after the application is complete, planting or transplanting may take place while the tarps are being perforated. Each tarp panel used for broadcast application must be perforated. Tarps may be perforated manually ONLY for the following situations: At the beginning of each row when a coulter blade (or other device which performs similarly) is used on a motorized vehicle such as an ATV. In fields that are 1 acre or less. During flood prevention activities. In all other instances tarps must be perforated (cut, punched, poked, or sliced) only by mechanical methods. Tarp perforation for broadcast applications must be perforated if rainfall is expected within 12 hours. Early Tarp Removal for Broadcast Applications Only: Tarps may be removed before the required 5 days (120 hours) if adverse weather conditions have compromised the integrity of the tarp, provided that the compromised tarp poses a safety hazard. Adverse weather condition is no longer performing its intended function and is creating a hazard. Early Tarp Perforation during Flood Prevention Activities: Tarp perforation is allowed before the 5 days (120 hours) have elapsed. For Broadcast Applications: Tarps must be immediately retucked and packed after tarp removal. For Broadcast Applications: Tarps must be immediately retucked and packed after tarp removal. 	
 	Bedded Applications Only requirements).		
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	Entry Restricted Period	Mandatory Good Agricultural
	and Notification	Practices (GAPs) The following GAPs must be followed during all fumigant
	 Entry into the application block (including early entry that would otherwise be permitted under the WPS) by any person – other than a correctly trained and PPE-equipped handler who is performing a handling task listed on this labeling – is PROHIBITED from the start of the application until: 5 days (120 hours) after the application is complete for untarped applications, or 5 days (120 hours) after the application is complete if tarps are not perforated and removed for at least 14 	applications. Application Timing Apply Strike 60CP Fumigant at any time of the year when soil conditions permit. Conditions that allow rapid diffusion of the fumigant as a gas through the soil normally give the best results. Because Strike 60CP Fumigant does not provide residual control of soil pests, use it as a preplant application before planting each crop.
	 days after the application is complete, or 48 hours after tarp perforation is complete if tarps will be perforated within 14 days after the application is complete and will not be removed for at least 14 days after the application is complete, or tarp removal is completed if tarps are both perforated and removed less than 14 days after the application 	 Tarps (when tarps are used in Strike 60CP Fumigant applications) A written tarp plan must be developed and included in the FMP. Once a tarp is perforated, the application is no longer considered tarped. Tarps must be installed immediately after the fumigant is applied to the soil.
38	 is complete. NOTES: See <i>Tarp Perforation and/or Removal</i> section on this labeling for requirements about when tarps are allowed to be perforated. If early tarp removal occurs for a broadcast application the entry restricted period is a minimum of 5 days after the application is complete. When listing application information for soil fumigant applications to comply with part 170.122 of the WPS, list the entry restricted period time frame in place of the REI. Notification Notify workers of the application by warning them orally and by posting Fumigant Treated Area signs. The signs must bear the skull and crossbones symbol and state: "DANGER/PELIGRO" "Area under fumigation, DO NOT ENTER / NO ENTRE" "The date and time of fumigation 	 Weather Conditions To determine if unfavorable weather conditions exist or are predicted (see <i>Identifying Unfavorable Weather Conditions</i> section) and whether an application should proceed, the National Weather Service weather forecast must be checked by the certified applicator supervising the application: o on the day of, but prior to the start of the application, and o on a daily basis during the application if the time period from the start of the application until the application is complete is greater than 24 hours. Do not apply if an air stagnation advisory issued by the National Weather Service is in effect for the area in which the application is planned, during the application, or the 48 hours after the application is complete. Do not apply if light wind conditions (< 2 mph) are forecast to persist for more than 18 consecutive hours
barcode area	 The date and time entry restricted period is over "Strike 60CP Fumigant", and Name, address, and telephone number of the certified applicator in charge of the fumigation. Post the Fumigant Treated Area sign instead of the WPS sign for this application, but follow all WPS requirements pertaining to location, legibility, text size, and sign size (40 CFR §170.120). Post Fumigant Treated Area signs at all entrances to the application block no sooner than 24 hours prior to application. Fumigant Treated Area signs must remain posted for no less than the duration of the entry restricted period. Fumigant Treated Area signs must be removed within 3 	 forecast to persist to more than to consecutive notify from the time the application starts until 48 hours after the application is complete. Detailed National Weather Service forecasts for local weather conditions, wind speed, and air stagnation advisories may be obtained on-line at: <u>https://www.nws.noaa.gov</u>, on NOAA weather radio, or by contacting your local National Weather Service Forecasting Office.

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	 Identifying Unfavorable Weather Conditions Unfavorable weather conditions block upward movement of air, which results in trapping fumigant vapors near the ground. The resulting air mass can move off-site in unpredictable directions. These conditions typically exist within an hour prior to sunset and continue past sunrise and may persist as late as noontime. Unfavorable conditions are common on nights with limited cloud cover and light to no wind and their presence can be indicated by ground fog or smog and can also be identified by smoke from a ground source that flattens out below a ceiling layer and moves laterally in a concentrated cloud. Soil Preparation Soil must be in good tilth and free of large clods. Large clods can prevent effective soil sealing and reduce effectiveness of the application. If subsurface soil compaction layers (hardpans) are present within the intended fumigation treatment zone, a deep tillage to fracture these layers must occur prior to or during the soil fumigation. Crop residue that is present must not interfere with the application. Crop residue that is present must lie flat to permit the soil to be sealed effectively and limit the natural "chimneys" that may occur in the soil when plant residue is present. These "chimneys" allow the soil fumigants to move through the soil quickly and escape into the atmosphere. This may create potentially harmful conditions for workers and bystanders and limits the efficacy of the fumigant. Plant residue on the field serves to prevent soil erosion 	 or roller in combination with tillage equipment. When using equipment similar to the Yetter applicator (chisel trace disruption and soil sealing are done with one implement), additional tillage and compaction are not required. <i>Bedded Applications:</i> Preformed beds must be sealed by disruption of the chisel trace using press sealers, bed shapers, cultipackers, or by reshaping (e.g., relisting, lifting and replacing) the beds immediately following injection. Beds formed at the time of application must be sealed by disrupting the chisel trace using press sealers or bed shapers. When bedding, prebedders such as ripper hippers, hillers, or other prebedders may be used to disrupt the chisel trace and seal the soil. When using equipment similar to the Yetter applicator (chisel trace disruption and soil sealing are done with one implement), additional tillage and compaction are not required. Beds may be formed following the Yetter-type applicator in a normal interval consistent to area production practices. <i>Tarped Applications:</i> The use of a tarp does not eliminate the need to minimize chisel traces prior to application of the tarp, such as by using a Noble plow or other injection shank that disrupts the chisel traces. When bedding, prebedders such as ripper hippers, hillers, or other prebedders may be used to disrupt the chisel trace and seal the soil. When using equipment similar to the Yetter applicator (chisel traces. When bedding, prebedders such as ripper hippers, hillers, or other prebedders may be used to disrupt the chisel trace and seal the soil. When using equipment similar to the Yetter applicator (chisel trace disruption and soil sealing are done with one implement), additional tillage and compaction are not required. Beds may be formed following the Yetter-type applicator in a normal interval consistent to area 	
	 from both wind and water. Trash pulled by the shanks to the ends of the field must be covered with tarp, or soil, depending on the application method before making the turn for the next pass. 	 production practices. For Deep Ripped Untarped Shallow Broadcast Applications (Not For Use in California): The soil must be sealed immediately after the fumigant application with a disk followed by a packer. 	
barcode area	 Soil Temperature The minimum soil temperature at the depth of injection is 40°F. For Deep Ripped Untarped Shallow Broadcast applications (Not For Use in California): The maximum soil temperature at the depth of injection must not exceed 70°F at the beginning of the application. For all other applications, the maximum soil temperature at the depth of injection must not exceed 90°F at the beginning of the application. o If air temperatures have been above 100°F in any of the three days prior to the start of the application, then soil temperature must be measured and recorded in the FMP. Record temperature measurements at the application depth or 12 inches, whichever is shallower. Soil Sealing Broadcast Untarned Applications: Use a disc or 	 Soil Moisture The soil must be moist 9 inches below the surface. The amount of moisture needed in this zone will vary according to soil type. Surface soil generally dries rapidly and must not be considered in this determination. Soil moisture must be determined using one of the following methods: the USDA Feel and Appearance Method for testing (see below), or an instrument, such as a tensiometer. Available water capacity must be equal to or greater than 50% for shank applications. If there is less than 50% available water capacity 9 inches below the surface, the soil moisture must be adjusted. If irrigation is not available and there is adequate soil moisture below 9 inches, soil moisture can be adjusted by discing or plowing before the start of the application. To 	
	 Broadcast Untarped Applications: Use a disc or similar equipment to uniformly mix the soil to at least a depth of 3 to 4 inches to eliminate the chisel or plow traces. Following elimination of the chisel trace, the soil surface must be compacted with a cultipacker, ring roller, orchard float with a weighted/ring roller, 12 	 discing or plowing before the start of the application. To conserve existing soil moisture, pretreatment irrigation or pretreatment tillage should be done as close to the start of the application as possible. Measure soil moisture at a depth of 9 inches at either end of the field, no more than 48 hours prior to the start of the application. 	

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 For Deep Ripped Untarped Shallow Broadcast applications (Not For Use in California): The surregacity must also be equal to greater the soft in most may depin of 4 inches from the nearest final solular interface. Por carse lextured sols (fune sand and deeper Measure shart of the applications. For carse lextured sols (fune sand and deeper Measure shart of the application. For carse lextured sols (fune sand and loarny fing sand), the soil is most enough (50 to 75% available water capacity) to form a weak ball with loase and moderate water staining on fingers, will not thoor. For modum extured sols (landy loarn, the soil is most enough (50 to 75% available water capacity) to form a most bill with defind finger marks, userly list soll/water staining on fingers, darkened color will not stick. For flue toxtured sols (landy loarn, and sill (can) the soil is most enough (50 to 75% available water capacity) to form a short enough (50 to 75% available water capacity) to form a smooth and with defind finger marks, userly list soll/water staining on fingers, there as thortigh to soll is (land, cally land, and sill (can), the soil is moist enough (50 to 75% available water capacity) to form a smooth and with definger marks, light soll/water staining on fingers, there as thorted finger marks, light soll/water staining on fingers, there as to could be divided into areas of similar soil and finger marks, light soll/water staining on fingers, there as to could be capability of the chiesle. With chiesle and coule spacing of the sam can ball with definger marks, light soll/water staining on fingers, there as to could be application finger and should not exceed the soll-should be capability of the chiesle. With chiesle and coule spacing of the spacing is recommended. Do not exceed the soll-should be capability of the chiesle. With chiesle and can there asond limits the sam could be application capability of the chies

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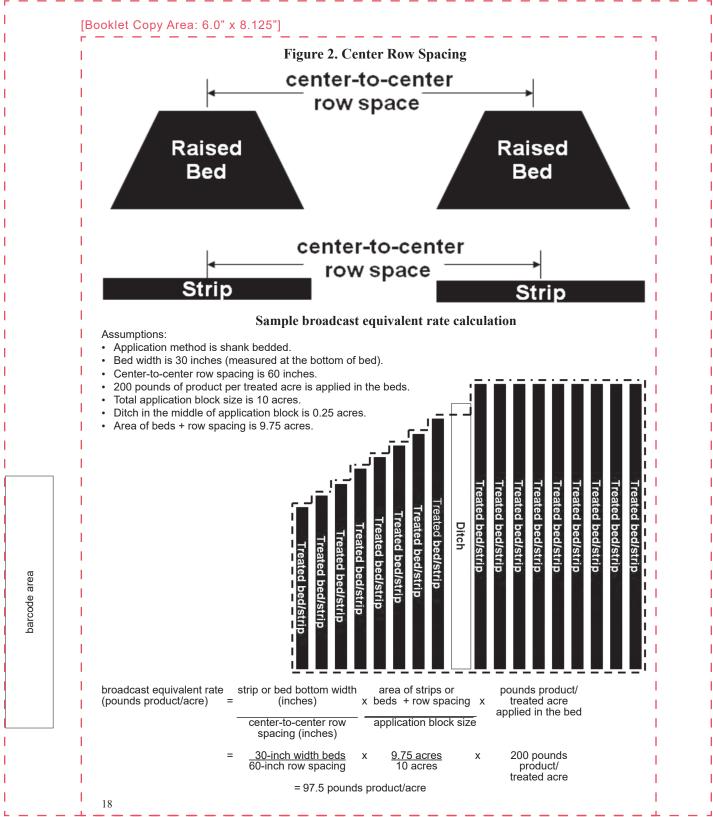
	 Prevention of End Row Spillage Do not apply or allow fumigant to spill onto the soil surface. For each injection line either have a check valve located as close as possible to the final injection point, or drain/purge the line of any remaining fumigant prior to lifting injection shanks from the soil until the shutoff valve has been closed and the fumigant has been depressurized (passively drained) or purged (actively forced out via air compressor) from the system. The dispensing system must shut off the feed stream when chisels are raised out of the ground. Do not stop or park near any area where dribble from chisel tips has fallen. A flow shutoff device must be placed as close as is technically feasible to the fluid discharge point. This can be a ball, poppet, or diaphragm check valve, or full flow shutoff device such as an electric or pneumatically actuated valve. Service any system immediately if continuous drip occurs. If mechanical check valves and orifices are used, place the check valve from upstream pressure by installing a main line shut off or bypass valve prior to the manifold. Pipe diameter from check valve to injection point must not exceed ¼ inches ID National Pipe Standard (NPS). Preferably, use the smallest diameter pipe or tubing possible which achieves the required flow rate. 	 c Ensure that positive pressure is maintained in the compressed gas cylinder at not less than 200 psi during the entire time it is connected to the application rig if a compressed gas cylinder is used. (This is not required for a compressed air system that is part of the application rig because if the compressor system fails, the application rig will not be operable.) c Ensure that application rigs are equipped with properly functioning check valves between the compressed gas cylinder or compressed air system and the fumigant cylinder. The check valve is best placed on the outlet side of the pressure regulator and is oriented to only allow compressed gas to flow out of the cylinder or compressed air out of the compressed air system. o A pressure relief valve must be installed between the regulator failure does not overpressurize the fumigant cylinder. o Always pressurize the system with compressed gas or by use of a compressed air system before opening the fumigant cylinder valve. Before using a fumigation rig for the first time, or when preparing it for use after storage, the operator must check the following items carefully: o Check the filter, and clean or replace the filter element as required. o Check all tubes and chisels to make sure they are free of debris and obstructions.
	 Alternative end-row spillage devices or methods, such as, but not limited to, micro-bore restricted flow tubing or line purge systems may be used if they provide equal or superior control versus check valves. 	 o Check and clean the orifice plates and screen checks, if installed. o Pressurize the system with compressed gas or compressed air, and check all fittings, valves, and connections for leaks using soap solution.
barcode area	 Calibration, Set Up, Repair and Maintenance for Application Rigs Brass, carbon steel, or stainless steel fittings must be used throughout. Polyethylene tubing, polypropylene tubing, Teflon® tubing or Teflon®-lined steel braided tubing must be used for all low pressure lines, drain lines, and compressed gas or air pressure lines. All other tubing must be Teflon®-lined steel braided. Galvanized, PVC, nylon, or aluminum pipe fittings must not be used. All rigs must include a filter to remove any particulates from the fumigant and for pressurized systems a check valve to prevent backflow of the fumigant into the pressurizing cylinder or the compressed air system. Rigs must include a flowmeter or a constant pressure system with orifice plates to ensure the proper amount of fumigant is applied. To prevent the backflow of fumigant into the compressed gas cylinder (e.g., nitrogen, other inert gas or compressed air), if used, applicators must: 	 Install the fumigant cylinder and connect and secure all tubing. Slowly open the compressed gas or compressed air valve and increase the pressure to the desired level. Slowly open the fumigant cylinder valve, always watching for leaks. When the application is complete, close the fumigant cylinder valve and blow residual fumigant out of the fumigant lines into the soil using compressed gas or compressed air. If the rig uses a centrifugal pump instead of compressed gas to inject fumigant into the soil, you may clear residual fumigant from the fumigant lines using an application wand connected to the system's low point via a drain hose. Place the wand in the soil until all residual fumigant has drained from the system. The wand and drain hose must be free of dirt to allow proper drainage. At the end of the application season, disconnect all fumigant cylinders from the application rig. At the end of the season, seal all tubing openings with tape to prevent the entry of insects and dirt.

	[Booklet Copy Area: 6.0" x 8.125"]	
parcode area	 Application equipment must be calibrated and all controls systems must be working properly. Proper calibration is essential for application equipment to deliver the control of fungiant uniformly to the soil. Reference to the manufacturer's instructions on how to calibrate of the soil after the propriet extension service can sessitance. Panting Interval Leave the soil undisturbed and unplanted for at least 7 days after the application of Strike 60CP Fungiant shall be of the type appropriate is complete. A longer undisturbed interval is required in the soil all concentrations is sougher optimum soil or wet, and for deep-roted tree, shrub and vine planting sites. After fungiant to dissipate completely before planting the resp. Issipation is usually complete when Strike 60CP Fungiant is and to resp. Interval acre is generally required resp. Interval acre is generally required resp. The provide sessary measurements of the pesticide being used. The hasher dases planerally required resp. Interval acre is generally required resp. The source of the general tree used, a longer dissipation or sually complete when Strike 60CP Fungiant is neosed or flaxes and tal diaconnect points soil acroementations sufficient to cause plant injury. To hasten dissipation seepically if heavy rains or tow the special plant is used as a bioasasy to determine fistike 60CP Fungiant is present in the soil at concentrations sufficient to cause plant injury. Do not plant if Strike 60CP Fungiant is detected. The mate dissipation is usually complete when Strike 60CP Fungiant is present in the soil at concentrations sufficient to cause plant injury. Do not plant if Strike 60CP Fungiant is present in the soil at concentrations sufficient to cause plant injury. Do not plant if Strike 60CP Fungiant is present in the soil at concentrations sufficient to cause plant injury. Do not plant if Strike 60CP Fungiant is present in the soil at concentrations sufficient to cause plant injury. Do not p	
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	TABLE 1		
STRIKE	60CP PRODUCT APPL	CATION RATES	
Сгор	Soil Type	Maximum Applica	
		for tarp shank bed,	
I		broadcast; for untai	
L		and for untarp deep	
1		shank broadcast ap	
		Gallons/	Lbs/
		treated acre	treated acre
Carrots, Onions, Potatoes	, Mineral, Muck, or Peat	48.6	588
Mint, Sweet Corn, and		Maximum Applica	
Sugar Beets ^{1, 2, 3, 4}		for untarped shank	DIDAUCASI
1		applications Gallons/	Lbs/
1		treated acre	treated acre
		24.3	294
 except untarped shank broadcas ³ For muck soils containing less th applications except untarped sha ⁴ For mint apply 48.6 gallons (588 link) Note: To control symphylans (gara acre for all applications except unit untarped back back to a deart applications 	an 30% organic matter use 39 g ank broadcast. bs.) product per treated acre for a den centipedes), use 38.5 to 48	all applications except unta 3.6 gallons (466 to 588 lbs	rped shank broadcas
To control wireworms, use dosage potatoes in Idaho, Nevada, Orego	tions. Apply during late Summe e recommended for nematodes	er or early Fall when the so For wireworm control in	oil is warm.
To control wireworms, use dosage	tions. Apply during late Summe e recommended for nematodes	er or early Fall when the so For wireworm control in	oil is warm.

Calculating the Broadcast Equiv	alent Applica	tion Rate	
To calculate the broadcast equivalent rate for bedded or strip applications the following information is needed: • Pounds (or gallons) of product per treated acre • strip or bed bottom width (inches) • center-to-center row spacing (inches) • application block size (acres)	0	Bedded/Strip A cre application	
Pounds (or gallons) of product per treated acre is the ratio of total amount of product applied to the size of the total area treated (e.g., the rate of product applied in the bed). For bedded or strip applications, the total area treated is the summation of the area (i.e., length x width) of each treated bed bottom or strip that is located within the application block as shown by the black areas in Figure 1 (e.g., black areas are 0.6A or 60% of the area within the application block). The area of the space between the beds/strips is not factored in the total area treated.	TREATED AREA	TREATED AREA	TREATED AREA
The application block size is the acreage within the perimeter of the fumigated portion of a field (including furrows, irrigation ditches, roadways). The perimeter of the application block is the border that connects the outermost edges of total area treated with the fumigant product.		↑	1
The "broadcast equivalent rate" must be calculated with the	-	-	is not treated
broadcast equivalent rate strip or b	ed bottom dth	po ga x p	unds (or llons) of roduct /
center-te	o-center ng (inches)	арр	ated acre lied in the ip or bed
			1
 The bed width must be measured from the bottom of th The center-to-center row spacing must be calculated as If there are any ditches, waterways, drive rows and other a block, multiply the above broadcast equivalent equation (application block size). A sample calculation is provided 	s shown in Figu areas that are no n by (total area	ot fumigated that ar	
 The center-to-center row spacing must be calculated as If there are any ditches, waterways, drive rows and other a block, multiply the above broadcast equivalent equation 	s shown in Figu areas that are no n by (total area	ot fumigated that ar	





	 Buffer Zone Requirements A buffer zone must be established for every fumigant application. The following describes the buffer zone requirements: An area established around the perimeter of each application block. The buffer zone must extend outward from the edge of the application block perimeter equally in all directions. All non-handlers, including field workers, residents, pedestrians, and other bystanders, must be excluded from the buffer zone during the buffer zone period except for transit (see <i>Buffer Zone Exemption for Transit on Roadways</i>). Local, state, or federal officials performing inspection, sampling, or other similar official duties are not excluded from the application and the owner of the establishment where the application is taking place are not authorized to, or responsible for, excluding those officials from the application block or the buffer zone. 	 vacate the buffer zone during the entire buffer zone period, and Reentry by occupants and other non-handlers must not occur until, The buffer zone period has ended, and Sensory irritation is not experienced upon re-entry. Buffer zones must not include agricultural areas owned and/or operated by persons other than the owner of the application block, UNLESS: The owner of the application block can ensure that the buffer zone from any other property owners, except as provided in the <i>Buffer Zone Proximity</i> section, and The owner of the other property provides written agreement to the applicator that they, their employees, and other persons will stay out of the buffer zone during the entire buffer zone period. Buffer zones must not include roadways and rights of way UNLESS: The area is not occupied during the buffer zone period, and
area	 The buffer zone period begins at the start of the application and lasts for a minimum of 48-hours after the application is complete. <u>Buffer zone proximity</u> Before the start of application, the certified applicator must determine whether their buffer zone will overlap any chloropicrin buffer zone(s). To reduce the potential for off-site movement from multiple fumigated fields, buffer zones from multiple chloropicrin application blocks must not overlap UNLESS: A minimum of 12 hours have elapsed from the time the earlier application(s) is complete until the start of the later application, and <i>Fumigant Site Monitoring</i> or <i>Response Information for Neighbors</i> have been implemented if there are any residences or businesses within 300 feet of any of the buffer zones. 	 2. Entry by non-handlers is prohibited during the buffer zone period. <u>Buffer Zone Exemption for Transit on Roadways</u> Vehicular and bicycle traffic on public and private roadways through the buffer zone is permitted. (NOTE: Buffer zones are not permitted to include bus stops or other locations where persons wait for public transit.) For all other publicly owned and/or operated areas such as parks, sidewalks, permanent walking paths, playgrounds, and athletic fields, buffer zones must not include these areas UNLESS: 1. The area is not occupied during the buffer zone period, 2. Entry by non-handlers is prohibited during the buffer zone period, and 3. Written permission to include the public area in the buffer zone is granted by the appropriate state and/ or local authorities responsible for management and operation of the area.
barcode	 Buffer zones must not include buildings used for storage (e.g., sheds, barns, garages) UNLESS: The storage buildings are not occupied during the buffer zone period, and The storage buildings do not share a common wall with an occupied structure. Areas not under the control of the owner of the application block Buffer zones must not include residential areas (e.g., employee housing, private property), buildings (e.g., commercial, industrial), outdoor residential areas (e.g., lawns, gardens, play areas) and other areas that people may occupy, UNLESS:	regulations. See the <i>Posting</i> section for additional requirements that may apply.

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	126 135	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 30	30 31	32 39	36 48	46 68	56 88	70 102	83 116	110 130	125 145	135 160	150 175	163 190	175 204	188 219	200 233
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- I		76	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	40	65	90	93	95	121	148	160	172	184	197
- I		84 93	25 25	25 25	25 43	25 55	25 88	55 108	105 148	155 188	160 198	165 208	193 229	220 250	238 271	257 292	275 313	293 333												
1		101	25	25	25	25	25	25	25	25	25	25	25	25	25	25	60	85	150	160	190	220	235	250	265	280	303	327	_	373
		110 118	25 25	53 80	63 100	100 140	120 155	183 215	193 225	223 255	253 285	285 335	318 385	349 433	380 480	412 520	443 560	_	507 640											
		126	25	25	25	25	25	25	25	25	25	25	45	25 95	125	150	200	215	240	225	325	375	425	475	520	565	612	-	_	753
		135	25	25	25	25	25	25	25	25	25	25	68	123	155	183	225	240	278	330	378	425	475	525	566	608	658	709	759	810
- I		143 152	25 25	25 25	25 25	25 25	25 25	25 25	25 32	25 39	25 46	25 53	90 115	150 168	185 203	215 233	250 268	265 293	315 350	385 433	430 481	475 530	525 576	575 623	613 668	650 713	704 772	758 831	813 891	867 950
- I.		160	25	25	25	25	25	25	39	53	66	80	140	185	220	250	285	320	385	480	533	585	628	670	723	775	840		_	1033
1		168 177	25 25	25 25	25 25	25 25	25 25	25 25	43 48	61 70	79 93	98 115	153 165	200 215	238 255	280 310	318 350	350 380	418 450	510 540	570 608	630 675	679 730	728 785	776 830	825 875	894 948	963 1021	1031 1094	1100
- i -	Acre)	185	25	25	25	25	25	25	48	70	104	113	200	215	310	350	400	435	450 490	575	650	725	730	830	898	875 965	1045			
	Product/.	193	25	30	32	36	39		68	94	119	145		268	330	365	418	455	533	608	679	750	799	848	928	1008	1091	_	_	1343
1	is Pro-	202 210	25 30	32 40	39 49	46 59	53 68	60 78	85 101	110 125	135 149	160 173	225 243	285 303	350 368	380 415	435 460	475 513	575 613	640 660	708 743	775 825	820 873	865 920	958 1000	1050 1080	1138 1170			1400 1440
	Rate (lbs	219	30	43	56	69	82	95	118	140	163	185	260	320	385	450	485	550	650	680	778	875	925	975	1043	1110	1203	1295	1388	1480
1		227 235	30 35	45 50	59 65	74 80	88 95	103 110	126 135	150 160	174 185	198 210	273 285	335 350	405 425	468 485	510 535	565 580	668 685	730 780	815 853	900 925	969 1013	1038 1100	1090 1138	1143 1175	1238 1273	_	_	1523 1567
1	Application	235	40	56	72	88	104	_	146	173	199	210	315	385	440	540	575	625	775	870	915	960	1015	1175	1250		1435	_		1767
1	t App	252	45	63	80	98	115		159	185	211	238	328	393	463	553	600	650	805	893	974	1055	1149	1243	1340	1438	1557	-	_	1917
1	/alent	260 269	50 55	69 75	88 94	107 114	126 133		171 181	198 210	224 239	250 268	340 358	400 418	485 508	565 578	625 645	675 720	835 855	915 948	1033 1056	1150 1165	1230 1255	1310 1345	1430 1479	1550 1613	1679 1747		1938 2016	2067 2150
	Equiv	277	60	80	100	120	140	_	191	223	254	285	375	435	530	590	665	765	875	980	1080		1280	1380	1528	1675	1815			2233
	Broadcast Equivalent	286 294	65 75	88 100	111 125	134 150	157 175		211 231	243 263	274 294	305 325	418 460	460 485	555 580	633 675	708 750	778 790	925 975	1075 1170	1164 1248	1253 1325	1363 1445	1473 1565	1586 1645	1700 1725	1842 1869	-	_	2267 2300
	Broad	302	77	103	129	154	180	206	238	270	302	334	473	499	597	694	771	813	1003	1203	1283	1363	1486	1610	1692	1774	1922	-		2366
- I		311 319	79 81	106 109	132 136	159 163	185 190	211 217	244 251	278 285	311 319	344 353	486 499	513 527	613 630	714 733	793 814	835 858	1031 1059	1237 1270	1319 1354	1401 1439	1528 1569	1654 1699	1739 1786	1824 1873	1976 2029	_		2431 2497
1		328	84	111	139	167	190	223	258	293	327	362	513	540	646	752	836	880	1039	1304	1390	1476	1610	1744	1833	1922	2029	-	_	2563
1.1		336	86	114	143	171	200	229	264	300	336	371	526	554	663	771	857	903	1114	1337	1426	1514	1651	1789	1880	1971	2136			2629
- 11		344 353	88 90	117 120	146 150	176 180	205 210	234 240	271 278	308 315	344 353	381 390	539 552	568 582	679 696	791 810	879 900	925 948	1142 1170	1371 1404	1461 1497	1552 1590	1693 1734	1833 1878	1927 1974	2021 2070	2189 2243		_	2694 2760
		361	92	123	154	184	215	246	284	323	361	399	565	596	713	829	921	971	1198	1437	1533	1628	1775	1923	2021	2119		-		2826
		370 378	94 96	126 129	157 161	189 193	220 225	251 257	291 297	330 338	369 378	409 418	578 591	610 624	729 746	849 868	943 964	993 1016	1226 1254	1471 1504	1568 1604	1666 1704	1817 1858	1967 2012	2068 2115	2169 2218				2891 2957
		386	99	131	164	197	230	263	304	345	386	427	605	637	762	887	986	1038	1281	1538	1640		1899	_	2162	2267	2456	_		3023
- I		395 403	101 103	134 137	168 171	201 206	235 240	269 274	311 317	353 360	394 403	436 446	618 631	651 665	779 795	906 926	1007 1029	1061 1083	1309 1337	1571 1605	1675 1711	1779 1817	1940 1982	2102 2146	2209 2256	2316 2366	2509 2563	-		3089
1.1		403	105	140	175	200	240	_	324	368	403	440	644	679	812	920 945	1029	11085	1365	1638	1747	1855	2023	2140	2230	2300	2505	_		3220
1		420	107	143	179	214	250		330	375	420	464	657	693	829	964	1071	1129	1393	1671	1782	1893	2064	2236	2350	2464	2670		_	3286
- 11		428 437	109 111	146 149	182 186	219 223	255 260		337 344	383 390	428 436	474 483	670 683	707 721	845 862	984 1003	1093 1114	1151 1174	1421 1449	1705 1738	1818 1853	1931 1969	2106 2147	2280 2325	2397 2444		2723 2776	_	_	
		445	114	151	189	227	265	303	350	398	445	492	697	734	878	1022	1136	1196	1476	1772	1889	2006	2188	2370	2491	2612	2830	3048	3265	3483
	still	grea	ter th	nan	¹∕₂ m	le (2	,640	feet	t), th	e ap	plica	ation	is p	rohik	feet) bited. ad co															s are

Tal	ble 5.	Broad	lcast '	Tarp	Buffe	r Zon	e Dis	tance	s in F	eet																			
	-	1	2	3	4	5	6	7	8	9	10		Appli 20	cation 25	Block 30	Size (. 35	A cres	50	60	70	80	90	100	110	120	130	140	150	160
	118	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30	30	35	40	45	50	55
	135	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30	32	37	40	43	45	45	50	55	60	64	69	73
	152 160	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	30 30	30 31	39 46	49 61	55 70	61 79	65 83	65 88	70 95	70 95	76 103	82 111	88 119	93 127
	168	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30	33	53	73	85	97	110	115	120	125	135	146	156	167
	177	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30	35	60	85	100	115	_	145	160	170	184	198	213	227
	185 193	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	30 34	34 42	36 46	38 51	45 59	51 68	78 95	104 122	120 140	136 158		165 185	180 200	190 210	206 228	222 245	238 263	253 280
	202	25	25	25	25	25	25	25	25	25	25	38	51	57	64	74	84	113	141	160	179	195	215	230	240	260	280	300	320
	210 219	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	42 46	59 68	68 79	76 89	89 103	101 117	130 148	159 178	180 200	201 222	221 242	241 262	260 282	275 297	298 322	321 347	344 371	367 396
	219	25	25	25	25	25	25	25	25	25	25	51	- 08 76	89	102	118	134	148	1/8	200	222		202	310	330	358	385	413	440
	235	25	25	25	25	25	25	25	25	25	25	55	85	100	115	133	150	183	215	240	265		315	335	355	385	414	444	473
	244 252	25 25	25 25	25 25	25 25	25 25	30 30	30 32	30 35	32 39	34 42	64 73	94 104	112 124	129 144	147 161	164 179	198 213	231 248	259 277	286 306		335 364	360 390	380 415	412 450	443 484	475 519	507 553
	261	25	25	25	25	25	30	35	40	46	51	82	113	135	158	175	193	229	264	296	327	357	385	415	440	477	513	550	587
	269	25	25	25	25	25	32	39	46	52	59	91	122	147	172	190	207	244	281	314	348		415	450	480	520	560	600	640
	277 286	25 25	25 25	25 25	25 25	25 25	34 35	42 46	51 56	59 66	68 76	100 109	131 141	159 171	186 201	204 218	221 236	259 275	297 314	333 351	369 389	404 427	439 465	474 503	504 536	546 581	588 625	630 670	672 715
	294	25	25	25	25	25	37	49	61	73	85	118	150	183	215	233	250	290	330	370	410	450	490	530	565	612	659	706	753
(Acre)	302 311	25 25	30 30	30 32	30 36	32 39	45 53	58 66	70 80	83 93	96 106	129 140	161 173	194 205	226 238	249 265	271 291	312 334	353 376	394 417	434 459	474 499	514 539	554 579	589 614	638 665	687 716	736 768	785 819
Product/	319	25	30	36	41	46	61	75	89	103	117	151	184	217	249	281	312	355	399	441	483	523	563	603	638	691	744	798	851
	328	25	32	39	46	54	68	83	98	113	128	162	196	228	261	297	333	377	421	464	507	547	587	627	662	717	773	828	883
Rate (Ibs	336 344	25 25	34 36	43 46	52 57	61 68	76 84	92 100	107 117	123 133	139 149	173 184	207 219	240 251	272 284	313 329	354 374	399 421	444 467	488 511	531 556	571 596	611 636	651 676	686 711	744 770	801 829	858 888	915 948
	353	25	38	50	63	75	92	109	126	143	160	195	230	263	295	345	395	443	490	535	580	620	660	700	735	796	858	919	980
Application	361 370	25 25	39 41	54 57	68 73	82 89	99 106	116 122	132 139	149 155	166 171	203 210	239 249	274 286	309 324	359 373	409 422	456 470	504 519	549 564	594 609		674 689	714 729	749 764	812 827	874 891	937 954	999 1018
Appl	378	25	43	61	79	96	113	122	145	161	177		258	298	338	387	436	484	_	578	623		703	743	778	843		972	1013
Broadcast	386	25	45	64	84	104	119	135	151	167	183	225	267	310	352	401	449	498	547	592	637		717	757	792	858	924	990	1056
Broa	395 403	25 25	46 48	68 71	89 95	111 118	126 133	142 148	157 164	173 179	189 194	233 240	276 286	321 333	366 381	415 429	463 476	512 526	561 576	606 621	651 666	691 706	731 746	771 786	806 821	874 889	941 958	1008 1026	1075
	412	25	50	75	100	125	140	155	170	185	200	248	295	345	395	443	490	540	590	635	680	720	760	800	835	905	974	1044	1113
	420 428	25 25	51 52	77 79	103 105	129 132	144 147	159 163	174 178	189 193	204 209	254 260	303 311	355 365	407 419	453 463	499 507	551 563	604 619	656 677	708 736		788 816	828 856	863 891	935 965	1007 1039		1150
	437	25	53	80	108	136	151	167	182	197	213	266	319	375	431	474	516	574	633	698	764	804	844	884	919	995	1072		1225
	445	25	54	82	111	139	155 159	170	186	202	217		326	385	444	484 494	524 533	586 597	647	719	791	831 859	871	911	946 974	1025	1104 1137	-	1262
	454 462	25 25	54 55	84 86	113 116	143 146	159	174 178	190 194	206 210	221 226	278 284	334 342	395 405	456 468	494 505	533	597 609	661 676	740 761	819 847		899 927	939 967	974 1002	1055 1086	1137	1218 1253	1299 1336
	470	25	56	88	119	150	166	182	198	214	230	290	350	415	480	515	550	620	690	783	875	_	955	995	1030	1116	1202	-	1373
	479 487	25 25	57 58	89 91	122 124	154 158	171 176	188 194	205 212	222 230	239 248	300 310	361 373	423 430	484 488	526 538	569 588	642 664	715 740	798 814	881 888	921 928	961 968	1001 1008	1036 1043	1123 1129	1209 1216	_	1382
	495	25	59	93	127	161	180	199	218	237	256		384	438	491	549	606	686	765	829	894	_	974	1014	1049	1136	1224		1398
	504 512	25 30	60	95 100	130 136	165 172	185 192	205 212	225 233	245 253	265 273	330 341	395 408	445 460	495 512	560 573	625 633	708 718	790 803	845 862	900 920	940 960	980 1000	1020 1040	1055 1075	1143 1165	1231 1254	1319 1344	1407
	512	30	64 68	100	136	172	192	212	255 240	253 261	273	341	408	460	512	573	633 642	729	817	878	920 940	980	1000	1040	10/5	1165	1254	1344	1433 1460
	529	35	73	110	148	185	206	227	248	269	290	363	435	490	545	598	650	740		895	960	1000	1040	1080		1208	1301	1394	1487
	537 546	37 39	75 78	113 116	151 155	189 194	210 214	231 235	252 256	273 276	294 297	367 372	441 446	498 505	554 564	608 618	661 671	752 764	843 856	906 916	969 977		1052 1077	1092 1117	1127 1155	1221 1251	1315 1348	1409 1444	1503
	554	41	81	120	159	198	218	239	260	280	301	376	452	513	573	628	682	775	869	927	986	1036	1086	1126	1166	1263	1360	1458	1555
	563	44	83	123			223	243	263 267	284 288	304		458	520	582 591	638	693 704	787	881 894	938 949	994 1002	1044 1053	1094	_	_	1277 1287	1376	1474 1485	1572
	571 579	46 48	86 89	126 129		206 211		247 251		288 291		386 390	464 469	528 535	591 601		704 714			_			1053	1148 1156		1287 1296		1485 1495	
	588	50	91	133	174		235	255	275	295	315		475	543	610	668	725	823	920	970			1120		_	1305		1506	1607
Foi in (r broa Califo	dcas rnia,	see	plica the (tion: Calif	s wh ornia	en tr a req	ne er uire	ntire ment	appl ts at	licati <u>http</u>	on b <u>s://w</u>	lock ww.	is ta <u>cdpr</u>	rpec .ca.g	l with ov/c	n B2: <u>hloro</u>	5 tar <u>opicr</u>	rp the <u>rin.h</u> t	e bu [.] t <u>m</u> .	ffer z	zone	is 2	ō fee	t. Fo	or all	buff	er zo	ones
																													23

	Tab	ole 6.	Broad	cast I	Jntar	p Bu	ffer D	istanc	ces in	Feet				Appli	cation	Block	Size (Acres												
1			1	2	3	4	5	6	7	8	9	10	15	20	25	30	35	40	50	60	70	80	90	100	110	120	130	140	150	160
- I.		51 59	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 30	25 35	25 43	25 50	25 63	25 75	35 85	40 95	45 105	50 115	55 125	60 134	65 144	70 153
1		68	25	25	25	25	25	25	25	25	25	25	25	25	25	25	38	50	80	110	138	165	175	185	200	210	228	245	263	280
1		76 84	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	25 25	41 58	58 90	76 115	95 140	133 185	170 230	201 265	233 300	253 335	283 370	310 405	330 440	358 477	385 513	413 550	440 587
i.		93	25	25	25	25	25	25	25	25	25	25	46	68	100	133	161		238	285	325	365	405	445	485	520	563	607	650	693
1		101 110	25 25	25 25	25 25	25 25	25 25	25 30	25 33	25 37	25 41	25 45	68 95	110 145	143 183	175 220	208 253	240 285	290 343	340 400	385 448	430 495	470 540	510 585	550 630	585 670	634 726	683 782	731 838	780 893
	Acre)	118	25	25	25	25	25	33	41	49	57	65	123	145	223	265	298	330	395	460	510	560	610	660	710	755	818	881	944	1007
	Rate (lbs Product/Acre)	126 135	25 25	25 30	30 30	30 30	30 32	42 52	56 72	70 92	84 112	98 132	158 194	218 257	263 303	307 348	343 389	380 430	452 508	523 587	578 647	633 707	688 767	743 827	798 887	848 942	919 1021	989 1099	1060 1178	1131 1256
	os Pro	143	25	30	30	33	35	61	87	92	139	165		295	343	348 390	435	430	565	650	715	780	845	827 910	887 975	1035	1121	_	1294	1230
- L	ate (II	152 160	25 25	34	43	52	61	86	111	136 160	161 184	186 208	248	309 323	366 389	423	473 510	523	616 666	709	794	879		1019 1128	1089	1154		_	1443 1591	1539
1	ion R	168	25	41 47	56 69	72 92	88 114	112 137	136 160	183	206	208	265 283	336	412	455 488	548	565 608	717	768 826	873 951	978 1076		1128	1203 1316	1273 1391	1379 1507	1623	1739	1697 1855
1	Application	177	25	54	83	111	140		184	206	228	250	_	350	435	520	585	650	768	885		1175		1345	1430			_		2013
1		185 193	25 25	56 59	88 93	119 126	150 160	173 184	196 207	218 231	241 254	264 278	325 350	386 422	473 510	559 598	628 670	696 742	817 867	938 991	1079 1128	1220 1265		1400 1455	1490 1550	1575 1640	1706 1777	1838 1913	1969 2050	2100 2187
÷	Broadcast	202	25	61	98	134	170	194	219	243	268	292		458	548	637	713	788	916	1044		1310	1410	_	1610	1705	1847	_		2273
	Brc	210 219	25 25	64 66	103 108	141 149	180 190	205 216	230 242	256 268	281 294	306 320	400 425	494 530	585 623	676 715	755 798	834 880	966 1015	1097 1150	1226 1275	1355 1400		1565 1620	1670 1730	1770 1825	1918 1977	2065 2129	2213 2281	2360 2433
		227	25	71	118	164		238	265	293	320	348	450	553	651	750	833		1040	1165			1578	1695	1810	1925	2085	_		2567
		235 244	25 25	76 78	128 130	179 183	230 235	259 268	288 301	317 334	346 367	375 400	475 500	575 600	680 706	785 811	868 903	950 994	1065 1108	1180 1223	1353 1402	1525 1581		1765 1831	1885 1956	2005 2080	2172 2253	_	2506 2600	2673 2773
		252	25	79	133	186	240	277	314	351	388	425	525	625	731	838	938	1038	1151	1265	1451	1638	1768	1900	2030	2160	2340	2520	2700	2880
		261	25	80	135	190	245	286	327	368	409 430	450 475	550 575	650	757	864	973	1081 1125	1194 1238	1308 1350	1501 1550	1694 1750	1850 1910	1990 2070	2130 2230	2265 2380	2454 2578	2643 2777	2831 2975	3020 3173
1		269	25	81	138	194	250		340					6/5	783	890	1008													
l I		269 277	25 25	81 85	138 146	194 206	267	295 310	340 353	385 397	440	483	595	675 707	783 817	890 927	1008 1038	1150	1283	1417	1600	1783	1943	2103	2263	2400	2600	2800	3000	3200
			25 25 25	85 90 94	146 154 163	206 219 231 can	267 283 300	310 325 340	353 367 380	397 408 420 er tha	440 450 460	483 492 500 mile	595 615 635 e (2,	707 738 770 640	817 851 885 feet)	927 963 1000	1038 1069 1100	1150 1175 1200	1283 1329 1375	1417 1483 1550	1600 1650 1700	1783 1817 1850	1943 1982 2000	2103 2132 2150	2263 2285 2300	2400 2425 2450	2600 2627 2654	2800 2829 2858	3000 3031 3063	3200 3233 3267
	still	277 286 294	25 25 25 one d	85 90 94 istar	146 154 163 nces 2 mi	206 219 231 can	267 283 300 not k	310 325 340 De gi	353 367 380 reate	397 408 420 er tha e ap	440 450 460 an ½ plica	483 492 500 a mile	595 615 635 e (2,0 is pr	707 738 770 640 rohik	817 851 885 feet) bited.	927 963 1000 . If a	1038 1069 1100 fter a	1150 1175 1200 apply	1283 1329 1375	1417 1483 1550	1600 1650 1700	1783 1817 1850	1943 1982 2000	2103 2132 2150	2263 2285 2300	2400 2425 2450	2600 2627 2654	2800 2829 2858	3000 3031 3063	3200 3233 3267
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	Still Tabl	277 286 294 fer zc grea 60 60 60 79 89 99 109 119 129 138 148	25 25 25 25 25 25 25 25 25 25 25 25 25 2	85 90 94 iistar 20 25 25 25 25 25 25 25 25 25 25 25 25 25	146 154 163 nces 2 mi Untar 2 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5	206 219 231 can le (2 25 25 25 25 25 25 25 25 25 25 25 25 25	267 283 300 not k ,640 s 25 25 25 25 25 25 25 25 25 25 25 25 25	310 325 340 De gi feel Shanl 6 25 25 25 25 25 25 25 25 25 25 25 25 25	353 367 380 reate t), th k Buff 7 25 25 25 25 25 25 25 25 25 25 25 25 25	397 408 420 er tha e ap fer Ta 25 25 25 25 25 25 25 25 25 25 25 25 25	440 450 460 an 1/2 plica ble (i 9 9 25 25 25 25 25 25 25 25 25 25 25 25 25	483 492 500 a mile ation 10 25 25 25 25 25 25 25 25 25 25 25 25 25	595 615 635 e (2,) is pl 25 25 25 25 25 25 25 25 25 25 25 25 25	707 738 770 640 rohik 20 25 25 25 25 25 25 25 25 25 25 25 25 25	817 851 885 feet) bited.	927 963 1000 . If a <u>30</u> 25 25 25 25 25 25 25 25 25 25 25 25 25	1038 1069 1100 fter a 35 25 25 25 25 25 25 25 25 25 25 25 25 25	1150 1175 1200 apply 25 25 25 25 25 25 25 25 25 25 25 25 25	1283 1329 1375 50 25 25 25 25 25 25 25 25 25 25 25 25 25	1417 1483 1550 appl 25 25 25 25 25 25 25 25 25 25 25 25 25	1600 1650 1700 icabl 25 25 25 25 25 25 25 25 25 25 25 25 25	1783 1817 1850 e cre 25 25 25 25 25 25 25 25 25 25 25 25 25	1943 1982 2000 edits edits 25 25 25 25 25 25 25 25 25 25 25 25 25	2103 2132 2150 5 the 5 the 25 25 25 25 25 25 25 25 25 25 25 25 25	2263 2285 2300 buff 25 25 25 25 25 25 25 25 25 25 25 25 25	2400 2425 2450 er ZC 25 25 25 25 40 110 165 230 300 360	2600 2627 2654 DDNE C 255 25 40 50 70 120 180 255 320 390	2800 2829 2858 dista 140 25 30 50 70 80 140 220 270 340 410	3000 3031 3063 3063 nces 25 35 50 75 90 215 290 365 440	3200 3233 3267 3267 3267 3267 3267 3267 3267
	te (lps broduct/acre)	277 286 294 fer zc grea 60 60 60 69 79 89 99 9109 119 1129 138	25 25 25 25 25 25 25 25 25 25 25 25 25 2	85 90 94 iistar 21 25 25 25 25 25 25 25 25 25 25 25 25 25	146 154 163 nces 2 mi Untar 25 25 25 25 25 25 25 25 25 25 25 25 25	206 219 231 can le (2 25 25 25 25 25 25 25 25 25 25 25 25 25	267 283 300 not k ,640 s 5 25 25 25 25 25 25 25 25 25 25 25 25 2	310 325 340 De gl feel Shanl 6 6 25 25 25 25 25 25 25 25 25 25 25 25 25	353 367 380 reate t), th k Buff 7 25 25 25 25 25 25 25 25 25 25 25 25 25	397 408 420 er tha e ap fer Ta 8 8 25 25 25 25 25 25 25 25 25 25 25 25 25	$\frac{440}{450}$ $\frac{450}{460}$ an $\frac{1}{2}$ ble (i) $\frac{9}{25}$ $\frac{25}{25}$ $\frac{25}{25}$ $\frac{25}{25}$ $\frac{25}{25}$ $\frac{25}{25}$ $\frac{25}{25}$	483 492 500 a mile attion 10 25 25 25 25 25 25 25 25 25 25 25 25 25	595 615 635 e (2,) is pr 15 25 25 25 25 25 25 25 25 25 25 25 25 25	707 738 770 640 rohik 20 25 25 25 25 25 25 25 25 25 25 25 25 25	817 851 885 feet) bited. 25 25 25 25 25 25 25 25 25 25 25 25 25	927 963 1000 . If a 8 8 8 9 25 25 25 25 25 25 25 25 25 25 25 25 25	1038 1069 1100 fter a 35 25 25 25 25 25 25 25 25 25 25 25 25 25	1150 1175 1200 apply 40 25 25 25 25 25 25 25 25 25 40 70 100 140	1283 1329 1375 50 25 25 25 25 25 25 25 25 25 25 25 25 25	1417 1483 1550 appl 25 25 25 25 25 25 25 25 25 25 25 25 25	1600 1650 1700 icabl 25 25 25 25 25 25 25 40 60 110 160	1783 1817 1850 e cre 25 25 25 25 25 25 50 80 140 190	1943 1982 2000 edits edits 25 25 25 25 25 25 25 25 25 25 25 25 25	2103 2132 2150 the the 25 25 25 25 25 25 25 130 190 240	2263 2285 2300 buff 25 25 25 25 25 25 25 25 25 25 25 25 25	2400 2425 2450 er zc 25 25 25 25 40 50 110 165 230 300	2600 2627 2654 Dne C 255 25 40 50 70 120 180 250 320	2800 2829 2858 dista 140 25 30 50 70 80 140 200 270 340	3000 3031 3063 nces 150 25 35 50 25 35 50 215 290 365	3200 3233 3267 3267 3267 3267 3267 3267 3267
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	Still Tabl	277 286 294 fer zcc grea 60 60 60 69 99 109 119 129 138 148 158 158 178 188 158 168 201 206 201 201 201 201 201	25 25 25 25 25 25 25 25 25 25 25 25 25 2	85 90 94 iistar 2 25 25 25 25 25 25 25 25 25 25 25 25 2	146 154 163 0CES 2 mi Untar 3 25 25 25 25 25 25 25 25 25 25	206 219 231 can le (2 p Shat 25 25 25 25 25 25 25 25 25 25	267 283 300 not k ,640 5 5 25 25 25 25 25 25 25 25 25 25 25 25	310 325 340 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	353 367 380 reate t), th k Buf 7 25 25 25 25 25 25 25 25 25 25 25 25 25	397 408 420 er tha e ap fer Ta 8 25 25 25 25 25 25 25 25 25 25 25 25 25	440 450 460 460 9 25 25 25 25 25 25 25 25 25 25 25 25 25	483 492 500 a mile ation 10 25 25 25 25 25 25 25 25 25 25 25 25 25	5955 615 635 e (2,, is pl 25 25 25 25 25 25 25 25 25 25 25 25 25	707 738 770 640 rohik 20 25 25 25 25 25 25 25 25 25 25 25 25 25	817 851 885 feet) bited. 25 25 25 25 25 25 25 25 25 25	927 963 1000 . If a 80 25 25 25 25 25 25 25 25 25 25 25 25 25	1038 1069 1100 fter a 35 25 25 25 25 25 25 25 25 25 25 25 25 25	1150 1175 1200 apply 40 25 25 25 25 25 25 40 70 100 175 210 240 270 300 320 350 370	1283 1329 1375 50 25 25 25 25 25 25 25 25 25 25 25 25 25	1417 1483 1550 appl 25 25 25 25 25 25 25 25 25 25 25 25 25	1600 1650 170 17	1783 1817 1850 1850 1850 1850 25 25 25 25 25 25 25 25 25 25	1943 1982 2000 edits 25 25 25 25 25 25 25 25 25 25 25 25 25	2103 2132 2150 5 the 5 the 2150 25 25 25 25 25 25 25 25 25 25 25 25 25	2263 2285 2300 buff 25 25 25 25 25 25 25 25 25 25 25 25 25	2400 2425 2450 er ZC 25 25 25 25 25 25 25 10 165 230 300 360 420 480 540 640 690 740 880	2600 2627 2654 2654 2654 25 25 25 40 50 70 120 520 520 520 520 520 570 630 680 740 790 900	2800 2829 2858 dista 25 30 50 70 80 140 200 270 80 140 200 270 340 410 480 610 670 730 790 880 950	3000 3031 3063 nces 25 35 50 75 90 215 290 365 50 75 90 215 290 365 50 75 90 215 290 365 50 770 830 880 880 880	3200 3233 3267 3267 3267 3267 3267 3267 40 60 80 80 80 100 105 230 310 380 600 670 930 880 870 930 870 930 930
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	Buffer Zone Credits	Posting Fumigant Buffer Zones
	The buffer zone distances for Strike 60CP Fumigant	 Posting of a buffer zone is required unless there is
	applications may be reduced by the percentages	a physical barrier that prevents bystander access to
	listed below. Credits may be added, but credits cannot	the buffer zone.
	exceed 80%. Also, the minimum buffer zone distance	Buffer Zone signs must be placed along or outside
	is 25 feet, regardless of buffer zone credits available.	the perimeter of the buffer zone, at all usual points of
	For all buffer zones in California, see the California requirements at <u>https://www.cdpr.ca.gov/chloropicrin.</u>	entry and along likely routes of approach from areas where people not under the owner's control may
	<u>htm</u> . See <u>https://www.epa.gov/soil-fumigants/tarps</u> for	approach the buffer zone.
	a list of tarps that have been tested and determined to	o Some examples of points of entry include, but are not
	qualify for buffer reduction credits. Only tarps listed on	limited to, roadways, sidewalks, paths, and bike trails.
	this website qualify for buffer reduction credits.	o Some examples of likely routes of approach include,
	 15% reduction in buffer zone distance, IF potassium thissulfate (KTS) is applied at a minimum rate of 200 	but are not limited to, the area between a buffer
	thiosulfate (KTS) is applied at a minimum rate of 300 pounds per acre.	zone and a roadway, or the area between a buffer zone and a housing development.
	• 15% reduction in buffer zone distance, IF $\frac{1}{4}$ to $\frac{1}{2}$	o When posting, the certified applicator supervising
	inch of water is applied.	the application must ensure compliance with all
	• 10% reduction in buffer zone distance, IF the organic	local laws and regulations.
	content of the soil in the application block is $\geq 1\%$	• Buffer Zone signs must meet the following criteria:
	- 2%; 20% reduction in buffer zone distance, IF the	o The printed side of the sign must face away from the
	organic content of the soil in the application block is > 2% - 3%; and a 30% reduction in the buffer zone	application block toward areas from which people could approach.
	distance, IF the organic content of the soil in the	o Signs must remain legible during the entire posting
	application block is > 3%.	period and must meet the general standards
	• 10% reduction in buffer zone distance, IF the soil	outlined in the WPS for sign size, text size, and
	temperature is measured to be 50°F or less. Record	legibility (see 40 CFR §170.120).
	temperature measurements at the application depth or 12 inches, whichever is shallower.	 Signs must be posted no sooner than 24 hours prior to the start of the application and remain posted until
	• 10% reduction in the buffer zone distance, IF the	the buffer zone period has expired.
	clay content of the soil in the application block is	o Signs must be removed within 3 days after the end
	greater than 27%.	of the buffer zone period.
	• 10% reduction in buffer zone distance IF the	o Buffer Zone signs which meet the criteria above will
	Symmetry™ application system is used with a tarp	be provided at points of sale for applicators to use.
	that qualifies for a credit and the application rate is ≤ 100 pounds a.i./treated acre. The 10% credit for	Templates may be downloaded from <u>https://www.</u>
	the Symmetry™ application system is added to the	epa.gov/soil-fumigants/buffer-zone-sign-template. o The Buffer Zone signs must contain the following
	buffer zone credit for the tarp. For example if the	information:
	Symmetry [™] application system is used with a tarp	The 'Do Not Walk' symbol
	that qualifies for a 40% credit the total credit for the	□ "DO NOT ENTER/NO ENTRE",
	tarp and the application system would be 50%.	□ "Chloropicrin/1,3-Dichloropropene Strike 60CP
	Examples of Buffer Zone Calculations with Credits Applied	Fumigant BUFFER ZONE",
	If the buffer zone is 50 feet and the application qualifies	 Contact information for the certified applicator in charge of the fumigation.
	for a buffer zone credit since the soil organic content is	• •
	1.5%, then the buffer zone can be reduced by 10%, i.e., reduced by 5 feet based on the following calculation:	Exception: If multiple contiguous blocks are fumigated within a 14-day period, the entire periphery of the
	50 feet - (50 feet x 10%) = 45 feet.	contiguous blocks' buffer zones may be posted. Buffer
		Zone signs must be posted no sooner than 24 hours
	If the buffer zone is 50 feet and the application qualifies for two buffer zone credits since the soil organic content	prior to the start of the first application. The signs
	is 1.5% and the clay content is greater than 27%, then	must remain posted until the last buffer zone period
	the buffer zone can be reduced by 20% (10% organic	expires, and signs must be removed within 3 days after
	content credit + 10% clay content credit), i.e., reduced	the buffer zone period for the last block has expired.
-	by 10 feet based on the following calculation 50 feet -	
	(50 feet x 20%) = 40 feet.	
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Restrictions for	From the start of the application until the buffer zone
Difficult to Evacuate Sites	period expires, a certified applicator or handler(s) under his/her supervision must:
Difficult to evacuate sites are pre-K to grade 12 schools,	 Monitor for sensory irritation in areas between the
state-licensed daycare centers, nursing homes, assisted	buffer zone outer perimeter and residences and
living facilities, hospitals, in-patient clinics, and prisons.	businesses that trigger this requirement.
No fumigant application with a buffer zone greater	 Monitoring for sensory irritation must begin in the
than 300 feet is permitted within ¼-mile (1,320 feet) of difficult to evacuate sites unless the site is not occupied	evening on the day of application and continue until
by children from state-licensed day care centers,	the buffer zone period expires. Monitor a minimum of 8 times during the buffer zone period, including
students (pre-K to grade 12), patients, or prisoners	these periods:
during the application and the 36-hour period following	- 1 hour before sunset,
the end of the application.	- during the night,
 No fumigant application with a buffer zone of 300 feet or less is permitted within 1/8-mile (660 feet) of difficult 	- 1 hour after sunrise, and
to evacuate sites unless the site is not occupied by	- during daylight hours.
children from state-licensed day care centers, students	Implement the emergency response plan immediately
(pre-K to grade 12), patients, or prisoners during the	if a handler monitoring experiences sensory irritation.
application and the 36-hour period following the end	Handlers performing fumigant site monitoring outside
of the application.	of the buffer zone are not required to wear an air-
Emergency Preparedness and	purifying respirator.
Response Measures	Response Information for Neighbors
If the buffer zone is 25 feet, then the <i>Emergency</i>	NOTE: Response Information for Neighbors is ONLY required if the Emergency Preparedness and
Preparedness and Response Measures are not	Response Measures are triggered AND directions
applicable.	from the <i>Fumigant Site Monitoring</i> section are not
Triggers for Emergency Preparedness and	followed.
Response Measures:	The certified applicator supervising the application
The certified applicator must either follow the directions	must ensure that residences and businesses that
under the <i>Fumigant Site Monitoring</i> section or follow the directions under the <i>Response Information for</i>	trigger the requirement have been provided the
Neighbors section if:	response information at least 1 week before the application starts. The information provided may
 the buffer zone is greater than 25 feet but less than 	include application dates that range for no more
or equal to 100 feet, and there are residences or	than 4 weeks. If the application does not occur when
businesses within 50 feet from the outer edge of	specified, the information must be delivered again.
the buffer zone, orthe buffer zone is greater than 100 feet but less than	Information that must be included:
or equal to 200 feet , and there are residences or	o The location of the application block.
businesses within 100 feet from the outer edge of	o Fumigant(s) applied including the active ingredient,
the buffer zone, or	name of the fumigant product(s), and the EPA
• the buffer zone is greater than 200 feet but less than	Registration number. o Contact information for the applicator and property
or equal to 300 feet , and there are residences or businesses within 200 feet from the outer edge of	owner.
the buffer zone, or	o Time period in which the application is planned to
 the buffer zone is greater than 300 feet or the 	take place (must not range more than 4 weeks).
buffer zones overlap, and there are residences	o Early signs and symptoms of exposure to the
or businesses within 300 feet from the outer edge	fumigant(s) applied, what to do, and who to call if you believe you are being exposed (911 in most
of the buffer zone.	cases).
Fumigant Site Monitoring	o How to find additional information about fumigants.
NOTE: Fumigant Site Monitoring is ONLY required	The method used to share the response information for
if the <i>Emergency Preparedness and Response</i> <i>Measures</i> are triggered AND directions from the	neighbors can be accomplished through mailings, door
Response Information for Neighbors section are not	hangers, or other methods that will effectively inform
followed.	the residences and businesses within the required
	distance from the edge of the buffer zone.
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 Tribal Lead Agencies If your state and/or tribal lead agency requires notice information must be provided to the appropriate state of tribal lead agency prior to the application. Please reference to https://www.epa.gov/fumigantstatenotice for a list of states and tribal lead agencies that require notice and information on how to submit the information. The information that must be provided to state and tribal lead agencies includes the following: Location of the application blocks, Fumigant(s) applied including EPA registration numbe Applicator and property owner contact information, and Time period that fumigation may occur. Encertified applicator must include in the FMP a writte emergency response plan that identifies: Evacuation routes, Locations of telephones, Contact information for first responders and local/state federal/tribal personnel, and Emergency procedures/responsibilities (e.g., addin water to the field, repairing tarps, fixing equipment evacuating upwind) if: there is an incident, sensory irritation is experienced outside of the buffer zone, and/or there are equipment/tarp/seal failure or complaints or other emergencies. 	 c Employer address, and c Date and location of completing EPA approved soil fumigant training program. General site information o Application block location (e.g., county, township-range-section quadrant), address, or global positioning system (GPS) coordinates o Verify if 1,3-dichloropropene has been used on this application block in the previous two years o Confirm that there will be no occupied structures within 100 feet of the application block during the 7 consecutive day period after the application is complete. o Name, address, and phone number of application block owner o Map, aerial photo, or detailed sketch showing: application block location application block dimensions buffer zone dimensions property lines radways rights-of-ways sidewalks permanent walking paths bus stops wells karst topography
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Site Specific Fumigant	 nearby application blocks
	 surrounding structures (occupied and non-
Management Plan (FMP)	occupied)
Prior to the start of application, the certified applicato	 locations of Buffer Zone signs, and
supervising the application must verify that a site-specifi	
FMP exists for each application block. In addition, a	
agricultural operation fumigating multiple application	
blocks may format the FMP in a manner whereby a	II o Target application date/window,
of the information that is common to all the applicatio	n o Fumigant Product Name, and
blocks is captured once, and any information unique t	o EPA registration number.
a particular application block or blocks is captured i	n ■ Tarp Plan (IT tarp is used)
subsequent sections.	o Schedule for checking tarps for damage, tears, and
The FMP must be prepared by the certified applicato	o Minimum size of damage that will be repaired,
the site owner, registrant, or other party.	o Factors used to determine when tarp repair will be
	conducted
The certified applicator supervising the application mus	a Equipment/methods used to perforate terms
verify in writing (sign and date) that the site-specifi	
FMP(s) reflects current site conditions before the sta	o Target dates for removing tarps.
of application.	■ Soil conditions
Each site specific FMP must contain the following elements	
 Certified Applicator Supervising the Application 	application block,
o Name,	o Method used to determine soil moisture, and
o Phone number,	o Soil temperature measurement if air temperatures
	were above 100°F in any of the 3 days prior to the
	application.

	■ Buffer zones	o Date of PPE training for each handler	1
	 o Application method, 	o Applicable handler PPE including:	1
	o Injection depth,	Long-sleeved shirts/long pants, shoes, socks	1
	o Application rate from lookup table on label,	 Chemical-resistant apron 	
	o Application block size from lookup table on label,	Chemical-resistant footwear	1
	o Credits applied and measurements taken (if	 Protective eyewear (not goggles) 	1
	applicable),	Chemical-resistant gloves	
	• Tarp brand name, lot number, thickness,	Chemical-resistant suit	1
	manufacturer, batch number, and part number	Chemical-resistant headgear	1
	Potassium thiosulfate	Air-purifying respirators	
	Water seal	- Respirator make, model, type, style, size, and	1
	Organic matter content	cartridge/canister type	1
	Clay content	SCBAs	
	Soil temperature	- Respirator make, model, type, style, size	
	 Symmetry[™] application system 	Other PPE	1
	o Buffer zone distance, and	o For handlers: Confirmation of receipt of Fumigant	
	o Description of areas in the buffer zone that are not	Safe Handling Information	I.
	under the control of the owner of the application	o For certified applicator(s) supervising the	
	block. If buffer zones extend onto areas not	application: Completion date and location of the	1
	under the control of the owner, attach the written	soil fumigant training program listed on the following	1
	agreement and keep it with the FMP.	EPA website <u>https://www.epa.gov/soil-fumigants/</u>	
	Record Emergency Response Plan as described in	soil-fumigant-training-certified-applicators for the	
	the Emergency Response Plan section.	active ingredient(s) in this product.	1
	Posting of Fumigant Treated Area and Buffer Zone	o For handlers designated to wear respirators (air-	
	o Person(s) who will post and remove (if different)	purifying respirator or SCBA):	
	Fumigant Treated Area and Buffer Zone signs, and	 date of medical qualification to wear a respirator, 	1
	o Location of Buffer Zone signs.	 date of respirator training, and date of fit testing for the respirator 	
	 Emergency Preparedness and Response Measures (if applicable) 	 date of fit-testing for the respirator. Unless exempted in the <i>Protection of Handlers</i> 	
	(if applicable) o Fumigant site monitoring (if applicable):	section, verify that:	1
	 When and where it will be conducted 	 handlers have the appropriate respirators and 	÷.
	o Response information for neighbors (if applicable):	cartridges/canisters during handler activities, and	
	List of residences and businesses informed,	 the employer has confirmed that the appropriate 	
	Name and phone number of person providing	respirator and cartridges/canisters are	1
	information, and	immediately available for each handler who will	1
	 Method of providing the information. 	wear one.	
	State and/or tribal lead agency advance notification (if	If using an enclosed cab in lieu of wearing an air-	
	state and/or tribal lead agency requires notice, provide	purifying respirator, verify that the cab:	
	a list of contacts that were notified and date notified)	o Has positive pressure (6 mm H ₂ O Gauge).	
	Plan describing how communication will take place	o Has a minimum air intake flow of 43 m³/hour.	
ş	between the certified applicator supervising the	o Is equipped with activated charcoal filter-media	1
5	application, the owner, and other on-site handlers	containing no less than 1000 grams of activated	
	(e.g., tarp perforators/removers, irrigators) for	charcoal.	1
	complying with label requirements (e.g., buffer zone	o Document the application hours of the filter to	1
	location, buffer zone start and end times, timing of tarp	confirm that the filter has been used for no more	1
·	perforation and removal, PPE).	than 50 hours of application time.	1
	o Name and phone number of persons contacted by	o In addition document that the ventilation system	
	the certified applicator, and	has been maintained according to manufacturer's	1
	o Date contacted.	instructions.	
	Handler (including Certified Applicators) Information	 Air monitoring plan If concerning that is experienced indicate whether 	1
	and PPE	o If sensory irritation is experienced, indicate whether	1
	o Names, addresses and phone numbers of handlers	operations will cease or operations will continue with	1
	o Names, addresses, and phone numbers for employers of handlers	use of an air-purifying respirator	1
	o Tasks that each handler is authorized and trained	 For monitoring the breathing zone: Performantative handler tasks to be monitored 	
	to perform	 Representative handler tasks to be monitored, Monitoring equipment to be used, and 	1
		 Timing of the monitoring. 	

 Good Agricultural Practices (GAPS) I identify (e.g., list, attach applicable label section) applicable mandatory GAPs. Pessicide Product Labels and MSDS are on-site and readily available for employees to review. Record-Keeping Procedures For situations where an initial FMP is developed and crain elements do not change for multiple application information, certified applicator information, certified applicator supervising the application have cord-keeping procedures; only elements that Anave changed need to bi updated in the site-specific FMP for 2 years from the application information, certified applicator, those elements are content and application information, certified applicator information, certified applicator information, certified applicator information, certified applicator information, early application have cord - keeping procedures, only elements that do not changel. The certified applicator must make a copy of the FMP in the application block before it is fumgisted. The certified applicator must make a copy of the FMP in the application block was provide a coby of the FMP in the case of an emergency. Keeping requirement personnel when requested by local/state/federal/thial emforcement personnel when requested the application Summary. If and the application block during all handler activities. Within 30 days after the application such enserves and the application such and the application is complete. Application Summary. If and the application such and the application and and the application. It application is a performation and performation, and handler tackachvity monitored (
Resulting action (e.g., cease operations,		 o Identify (e.g., list, attach applicable label section) applicable mandatory GAPs. Pesticide Product Labels and Material Safety Data Sheets (MSDS) o Ensure that labels and MSDS are on-site and readily available for employees to review. Record-Keeping Procedures The owner of the application block as well as the certified applicator supervising the application must keep a signed copy of the site-specific FMP for 2 years from the date of application. For situations where an initial FMP is developed and certain elements do not change for multiple applicator, handlers, record-keeping procedures, emergency procedures) only elements that have changed need to be updated in the site-specific FMP provided the following: The certified applicator supervising the application has verified that those elements are current and applicable to the application block before it is fumigated. Record-keeping requirements are followed for the entire FMP (including elements that do not change). The certified applicator must make a copy of the FMP immediately available for viewing by handlers involved in the application. The certified applicator for the owner of the application block must provide a copy of the FMP immediately available for viewing by handlers involved in the application. The certified applicator for the owner of the application block must provide a copy of the FMP immediately available for viewing by handlers involved in the application. The certified applicator rust make a copy of the FMP immediately available for viewing by handlers involved in the application. The certified applicator rust make a copy of the FMP to any local/state/federal/tribal enforcement personnel who request the FMP. In the case of an emergency, the FMP must be made immediately available when requested by local/state/federal/tribal emergency response and enforcement personnel. The certified applicator supervising the application mus	 The Post-Application Summary must contain the following elements: Actual date and time of the application Application rate Size of application block Weather Conditions Summary of the National Weather Service weather forecast during the application and the 48-hours after the application is complete including: wind speed, and air stagnation advisory (if applicable). Forecast must be checked on the day of, but prior to the start of the application if the time period from the start of the application until the application is complete is greater than 24 hours. Tarp damage and repair information (if applicable): Date of tarp damage discovery, Location and size of tarp damage, Description of tarp/tarp seal/tarp equipment failure, and Date and time of tarp repair completion. Tarp perforation/removal details (if applicable): Date and time tarps were perforated, Date and time tarps were perforated, Date and time tarps were perforated, Date and time tarps were perforated, and time tarps were perforated and/or removed early. Describe the conditions that caused early tarp perforation and/or removal. Complaint details (if applicable): Person filing complaint (e.g., on-site handler, person off-site), If off-site person, name, address, and phone number of person filing complaint, and Description of control measures or emergency procedures followed after complaint. Description of incidents, equipment failure, or other emergency and emergency procedures followed after complaint. Description of incidents, equipment failure, or other emergency and emergency procedures followed and Resulting action (e.g., implement emergency response plan, cease operations, continue operations with appropriate air-purifying respirators). When using a direct read detection device:<
continue operations with appropriate air-purifying	_		
respirators). ■ Fumigant Treated Area and Buffer Zone Signs: o Dates of posting and removal.		1 	Fumigant Treated Area and Buffer Zone Signs:

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	Any deviations from the FMP (e.g., changes in emergency response actions, changes in handler information, changes in handlers responsible	Storage and Disposal
	for completing emergency tasks, changes in communication between certified applicator, owner, and other handlers).	Do not contaminate water, food, or feed by storage or disposal. Pesticide Storage: Store in a cool, dry, well- ventilated area under lock and key. Post as a
	Record-Keeping Procedures The owner of the application block, as well as the certified applicator supervising the application, must keep a signed copy of the Post-Application Summary for 2 years from the date of application.	pesticide storage area. Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide and rinsates is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide
	Spill and Leak Procedures Evacuate everyone from the immediate area of the spill or leak. For entry into affected area to correct the problem, wear the personal protective equipment specified in the <i>Personal Protective Equipment (PPE)</i> section. Move leaking or damaged containers outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow spilled fumigant to evaporate	or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance. Because 1,3-dichloropropene is corrosive under certain conditions, flush all application equipment with fuel oil, kerosene or a similar type of petroleum solvent immediately after use. Fill pumps and meters with new motor oil or a 50% motor oil/fuel oil mixture before storing. Do not use water. Dispose of rinsate by applicable Federal, State and local regulations. Never introduce rinsate
	or to absorb onto vermiculite, dry sand, earth, or similar absorbent material. Dispose of contaminated material on site or at an approved disposal facility. Only correctly trained and PPE-equipped handlers are permitted to perform such cleanup. Do not permit entry into the spill or leak area by any other person until the concentration of chloropicrin is measured to be less than 0.15 ppm or less.	or unused product into surface or underground water supplies. Container Handling: Persons moving, handling, or opening containers must wear the personal protective equipment specified in the <i>Personal</i> <i>Protective Equipment (PPE)</i> section of this labeling. Open container only in a well-ventilated area. Remove the valve protection bonnet and safety cap only when fumigant is about to be removed from
		the cylinder. The safety cap and valve protection bonnet must be replaced when the cylinder is not in use. Do not subject cylinders to rough handling, or to abnormal mechanical shock such as dropping, bumping, dragging, or sliding. Do not use ropes, slings, hooks, tongs, and similar handling devices for unloading cylinders. To transport heavier cylinders, use a hand truck, fork truck, or similar
barcode area		device to which cylinders can be firmly secured. Refillable Container: Only the registrant is authorized to refill cylinders. Refill this container with pesticide 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.
Q		Return of Containers: Cylinders are the property of the manufacturer or distributor and must be returned promptly by collect freight. Do not ship cylinders without safety caps or valve protection bonnets. Container Disposal: To clean the container before final disposal, remove any remaining liquid from
		the container, using dry air pressure if necessary. Allow container to aerate for at least 5 days. After aeration, wash container using hot water; then offer container to qualified reconditioner or dispose of as directed by State or local regulations.

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[Booklet Copy Area: 6.0" x 8.125"]

LIMITED WARRANTY

Seller warrants that this product conforms to the chemical description on its label and is reasonably fit for the purposes stated on the label when used in strict accordance with the label's directions under normal conditions of use. To the extent consistent with applicable law, THE PRECEDING WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY MADE IN CONNECTION WITH THIS PRODUCT. To the extent consistent with applicable law, ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE EXPRESSLY DISCLAIMED. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

LIMITATION OF LIABILITY AND REMEDIES

Although this product has been extensively tested under a large variety of conditions, specific results cannot be guaranteed. No soil treatment will completely eradicate soil pests. Fumigation efficacy may vary due to weather, soil type and preparation, pest population density in and around the treated area, presence of crop debris, and cultural practices following fumigation, among others. Soil pests may be re-introduced to treated soil by wind, rain, farm workers or equipment, contaminated irrigation water, transplanted seeds or seedlings, and other sources. For these reasons, to the extent consistent with applicable law, THE REGISTRANT OR MANUFACTURER OF THIS PRODUCT SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMITATION, DAMAGES FOR CROP FAILURE OR REDUCED YIELDS. To the extent consistent with applicable law, THE EXCLUSIVE REMEDY FOR LOSSES OR DAMAGES RELATING TO THE USE OF THIS PRODUCT IS EXPRESSLY LIMITED TO EITHER (1) REPLACEMENT OF THE PRODUCT USED, OR (2) A REFUND OF THE PURCHASE PRICE PAID FOR THE SPECIFIC PRODUCT FOR WHICH DAMAGES ARE CLAIMED, AT THE BUYER'S DISCRETION.

ACCEPTANCE OF TERMS AND CONDITIONS

If the terms of the above Limited Warranty and Limitation of Liability and Remedies are not acceptable, you may return unopened product containers to the seller and receive a full refund. USING THIS PRODUCT CONSTITUTES ACCEPTANCE OF THESE TERMS.

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