Form Approved, QMB No. 2070-0060, Approval expires

Please read instructions on reverse before completing form.

United States

Registration
Amendmen
Other

OPP Identifier Number

\$EPA	Environmental Protection Agency Weshington, DC 20460 Amendm T Other			215196	
	Applicati	on for Pesticide - Sec	tion I		
1. Company/Product Number SANDOZ AGRO, INC. 4. Company/Product (Name)	./55947-152 SAN 4201 WG	2. EPA Product Ma Phil Hutton PM# 90	nager	3. Proposed Classification None Restricted	
5. Name and Address of Ap Sandoz Agro, Inc 1300 E. Touhy Av Des Plaines, IL	e. 60018	6. Expedited Re (b)(i), my product to:		with FIFRA Section 3(c)(3) in composition and labeling	
Check if this	s is a new address	Product Name			
		Section - II			
Amendment - Explain Resubmission in response Notification - Explain	oonse to Agency letter dated	Agency le "Me Too"	ed labels in repsonse to tter dated Application. plain below.		
SAN 4201 WG Biol notice of May 3, qualifies for re label for SAN 42	Explanation: Use additional page(s) if necessary. (For section I and Section II.) SAN 420I WG Biological Insecticide is a B.t. subsp. kurstaki listed in Federal Register notice of May 3, 1995 (Vol. 60, No. 85, p. 21966) as one of the pesticides which qualifies for reduced restricted entry intervals. We are submitting a revised label for SAN 420 in which the REI is reduced to 4 hours from 12. No other changes were made to the label.				
		Section - III			
Material This Product Wi Child-Resistant Packaging Yes No Certification must	Unit Packaging Yes No If "Yes" No. per Unit Packaging wgt.	Water Soluble Packaging Yes No If "Yes" No. per Package wgt Contain	Pi GI Pi	tainer etel estic less oper ther (Specify)	
3. Location of Net Contents Label		etail Container	5. Location of Label D		
6, Manner in Which Label is	Affixed to Product Lithe Paper Ster	ograph Oth er glued ncifed	er		
		Section - IV		·	
Name Frederick F. Pis	e items directly below for identificat zkiewicz	Title Registration Specia	Tel	ephone No. (Include Area Code) 08) 390–3693	
•	Certifie ements I have made on this form a ny knowlinglly false or misleading s s law.	nd all attachments thereto are tr	•	6. Date Application Received (Etamped)	
2. Signature	Benjamin	3. Title Registration Speci		70 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4. Typed Name Frederick F. Pis	zkiewicz (5. Date November 27, 1995			

(CONTAINER LABEL)

SAN 420 I® WG BIOLOGICAL INSECTICIDE

For Control Of Insect Pests Of Vegetables, Fruit and Field Crops

ACTIVE INGREDIENT:

Bacillus thuringiensis, subspecies kurstaki*, 18.0%

INERT INGREDIENTS: 82.0%

TOTAL 100.0%

Potency units should not be used to adjust use rates beyond those specified in the Directions for Use section.

* Equivalent to 41 billion International Units per pound.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Made in the USA

)

EPA REG. NO.: 55947-152

Lot No.:

EPA EST. NO.: 55947-CA-2

Net Contents:

Manufactured by: SANDOZ AGRO, INC. DES PLAINES, IL 60018

SAN 420 I® WG is a registered trademark of Sandoz Ltd.

SAN 420 I® WG BIOLOGICAL INSECTICIDE

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS) CAUTION

Harmful if inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Prolonged or frequently repeated skin contact may cause an allergic reaction in some individuals. Avoid contact with skin, eyes or clothing. Discontinue use if reaction occurs. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

STATEMENT OF PRACTICAL TREATMENT

<u>If On Skin</u>: Wash with plenty of soap and water. Get medical attention, if irritation persists.

If in eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

Personal Protective Equipment:

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof glovas
- Shoes plus socks

)

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

Engineering controls statements:

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

User Safety Recommendations:

Users should:

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

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of __4_ hours.

511

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

- Coveralls
- Waterproof gloves
- Shoes plus socks

Unless specifically stated, do not apply this product through any type of irrigation system. Refer to the Directions for Use booklet attached to this container for further directions.

STORAGE AND DISPOSAL

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

Storage:

Store in original container in a cool, dry place inaccessible to children and pets and away from heat and direct sunlight. Protect from freezing. Storage at temperatures above 90°F may impair effectiveness. When kept at room temperature (+21°C to 24°) SAN 420 NB WG will keep its activity approximately 2 years.

Pesticide Disposal:

Pesticide, spray mixture, or rinse water that cannot be used according to label instruction must be disposed of according to Federal, State, or Local procedures.

Container Disposal:

Completely empty container into application equipment. Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(DIRECTIONS FOR USE) SAN 420 I® WG BIOLOGICAL INSECTICIDF

Made in the U.S.A.

EPA Reg. No. 55947-152

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), , and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of __4_ hours.

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

- Coveralls

)

- Waterproof gloves
- Shoes plus socks

Prosper with pesticides by using them properly! Read and follow label directions.

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

NOTICE: Read "Limitation of Warranty and Limitation of Liability" on the container or in this Directions for Use section before buying or using. If terms are not acceptable, return at once unopened.

Unless specifically stated, do not apply this product through any type of irrigation system.

SAN 420 I[®] WG is a biological insecticide specific for the control of lepidopterous larvae (see Recommended Application Rates section).

SAN 420 I[®] WG attacks the larval gut and must be ingested by the insect to be effective.

SAN 420 I[®] WG may be applied up to and on the day of harvest.

SAN 420 I[®] WG is a registered trademark of Sandoz Ltd.

Manufactured by: Sandoz Agro, Inc., 1300 East Touhy Avenue, Des Plaines, Illinois 60018.

GENERAL USE INSTRUCTIONS

For most consistent control, apply at first sign of newly hatched worms (1st and 2nd instar larvae). Instructions for specific crops are located in ADDITIONAL INSTRUCTION sections under RECOMMENDED APPLICATION RATES.

Reapply as necessary under a pest management program that includes close scouting.

If rapid knockdown of heavy worm or non-lepidopterous populations is necessary, include an effective contact insecticide in combination with SAN 420 l® WG.

For heavy worm infestations, use the higher SAN 420 I® WG rate. During situations of dense foliage and/or rapid growth, shorter application intervals and increased water carrier volumes will provide better crop coverage and improve SAN 420 I® WG performance.

Tank mix recommendations are for use only in states where the tank mix product and application site are registered.

Read and follow <u>all</u> label directions for use for other pesticides used as tank mix partners with SAN 420 I[®] WG for specific rate recommendations, application timing, and precautions.

Mixing:

)

Fill spray or mixing tank 3/4 full. Turn on agitation and pour SAN 420 1® WG into water while maintaining continuous agitation. Add other spray material (if any) and add balance of water. Agitate as necessary to maintain suspension. Do not allow diluted sprays to remain in the tank for more than 48 hours. SAN 420 1® WG is formulated to provide desirable coverage and adherence to leaf surfaces. Additional adjuvants, spreaders, or stickers may be added to improve product performance, especially under heavy dew or rainy conditions. Combinations with commonly used insecticides, fungicides, or other spray tank adjuvants are generally not deleterious to SAN 420 1® WG if the mix is used promptly. Before mixing in the spray tank, it is advisable to test physical compatibility by mixing all components in a small container in proportionate quantities.

APPLICATION VOLUMES

SAN 420 1® WG can be applied by ground or air in water sufficient to insure thorough and even coverage. Thorough and uniform crop coverage is required for adequate insect control. Applications at higher water volumes have demonstrated improved control of targeted pests. Early morning or evening applications, when air is calm, are generally best for aerial applications.

INSECTS CONTROLLED WHEN USED AS DIRECTED, SAN 420 1º WG WILL CONTROL THE FOLLOWING INSECTS

COMMON NAME	SCIENTIFIC NAME
Alfalfa caterpillar	Colias eurytheme (Boisduval)
Almond moth	Cadra cautella (Walker)
Armyworm	Pseudaletia unipuncta (Haworth)
Artichoke plume moth	Platyptilla carduidactyla (Riley)
Bagworm	Thyridopteryx ephemeraeformis (Haworth)
Banana skipper	Erionota thrax (Haworth)
Blueberry leafrollers	various
Blueberry spanworm	Itame argillacearia (Pack.)
Bollworm, Tomato Fruitworm, Corn Earworm	Helicoverpa zea (Boddie)
California oak moth	Phrygnidia californica (Packard)
Cherry fruitworm	Grapholita packardi (Zeller)
Citrus cutworm	Xylomyges curialis
Codlina moth	Cydia pomonella (Linnaeus)
Cotton leafworm	Alabama argillacea (Hubner)
Cotton leafperforator	Bucculatrix thurberiella (Busck)
Cutworm	various, family Noctuidae
Diamondback moth	Plutella xylosteella (Linnaeus)
Douglas-fir tussock moth	Orgyia pseudotsugata (McDunnough)
Elm spanworm	Ennomos subsignaria (Hubner)
European corn borer	Ostrinia nubilalis (Hubner)
Fall cankerworm	Alsophila pometaria (Harris)
Fall webworm	Hyphantria cunea (Drury)
Filbert webworm	Melissopus latiferreanus (Walsingham)
Fruittree leafroller	Archips argyrospila (Walker)
Grape leaffolder	Desmia funeralis (Hubner)
Grapeleaf skeletonizer	Harrisina americana (Guerin)
Green cloverworm	Plathypena scabra (Fabricius)

COMMON NAME	SCIENTIFIC NAME
Green fruitworm	Lithophane antennata (Walker)
Gypsy moth	Lymantria dispar (Linnaeus)
Helicoverpa spp.	Helicoverpa spp.
Heliothis spp.	Heliothis spp.
Hornworms	Manduca spp.
Imported cabbageworm	Pieris rapae (Linnaeus)
Jack pine budworm	Chloristoneura pinus (Freeman)
Loopers	various
Mimosa webworm	Homadaula anisocentra (Meyri)
Naval orangeworm	Amyelois transitella (Walker)
Obliquebanded leafroller	Choristoneura rosaceana (Harris)
Ominverous leafroller	Platynota stultana
Omniverous leaftier	Cnephasia longana (Haworth)
Orangedog	Papilio cresphontes (Cramer)
Orange tortrix	Argyrotaenia citrana (Fernald)
Oriental fruit moth	Grapholita Molesta (Busck)
Peach twig borer	Anarsia lineatella (Zeller)
Pecan nut casebearer	Acrobasis nuxvorella (Neunzig)
Redbanded leafroller	Argyotaenia velutinana (Walker)
Redhumped caterpillar	Schizura concinna (J.E. Smith)
Rindworm complex	various
Roughskinned cutworm	Athetis mindara (Barnes & McDunnough)
Saltmarsh caterpillar	Estigmene acrea (Drury)
Sod webworm	Crambus mutabilis
Southwestern corn borer	Diatraea grandiosella (Dyar)
Spotted cutworm	Xestia spp.
Spring cankerworm	Paleacrita vernata (Peck)
Spruce budworm	Choristoneura fumiferana (Clemens)
Tent caterpillar	various, family Lasio∋amidae
Tobacco budworm	Heliothis virescens (Fabricius)

COMMON NAME	SCIENTIFIC NAME
Tobacco hornworm	Manduca sexta (Linnaeus)
Tomato pinworm	Keiferia lycopersicella (Walsingham)
Tropical sod webworm	Herpetogramma phaeopteralis (Guenee)
Tufted apple bud moth	Platynota idaeusalis (Walker)
Variegated leafroller	Platynota flavedana (Clemens)
Velvetbean caterpillar	Anticarsia gemmatalis (Hubner)
Western tussock moth	Orgyia vetusta (Boisduval)

Rate Selection Considerations

Rate recommendations are typically given as a range:

Lower rate ranges may be desired when tank mixing with contact insecticides labeled for worm control or under conditions of light worm infestations or when uniformly small worms are present.

Medium rate ranges may be desired when multiple worm life stages are present, continuous egg hatches are occurring or young or light armyworm infestations exist.

Upper rate ranges may be desired for heavy worm infestations, mature (larger) worms or for moderate to heavy infestations of armyworm, bollworm or other difficult to control worm species.

Use recommended amount of SAN 420 I® WG in water sufficient to insure thorough coverage depending on type of crop, application equipment and requirements of state regulations. Low volume applications may be used, but proper application equipment must be used to insure adequate coverage. Thorough and uniform crop coverage is required for adequate insect control.

RECOMMENDED APPLICATION RATES

CROPS	LBS./ACRE
VEGETABLE CROPS	
Artichokes	0.25-1.50
ADDITIONAL INSTRUCTIONS: For ground applications, apply in a minimum of 100 gal. of water per acre with a spray interval of 10 days or less.	
To aid in resistance management of the artichoke plume moth, apply 0.5 lb/A in combination with ASANA® XL, AMBUSH®, or SUPRACIDE® by ground or air. Use and follow all label directions of the tank mix partner regarding application, timing, gallonage, and schedules.	
Asparagus, Beans (Green, Lima, Mung), Broccoli, Broccoli Raab (Rapini), Brussels Sprouts, Cabbage, Cardoon, Carrots, Cauliflower, Celeriac, Celery, Chick Peas, Chinese Broccoli, Chinese Cabbage, Collards, Cucumbers, Dry Bulb Onions, Eggplants, Garlie, Green Onions, Greens (Dandelior, Turnip, Mustard, Beet, China), Herbs (Basil, Cilantro, Dill, Oregano, Thyme, etc.), Horseradish, Kale, Kohl Rabi, Leeks, Lettuce (Endive, Romaine, Head Lettuce, Escarole, Butter Crunch, Leaf, etc.), Melons (Cantaloupe, Crenshaw, Honeydew, Muskmelon, Watermelon, etc.), Okra, Onions, Parsley, Parsnips, Peas, Peppers, Potatoes, Pumpkins, Radishes, Rutabaga, Salsify, Spinach, Squash (Summer and Winter), Sweet Corn, Sweet Potatoes, Swiss Chard, Table Beets, Tomatoes, Turnip Root, Watercress, Yams	0.06-1.50
ADDITIONAL INSTRUCTIONS:	
Apply as necessary to maintain control.	
FIELD CROPS	
Alfalfa (Hay and Seed), Sudan Grass, Hay Crops & Other Forage Crops ADDITIONAL INSTRUCTIONS: Under conditions of rapid plant growth and rapidly increasing armyworm populations (10 worms or greater per 180° sweep) use the highest rate. Against heterogenous worm populations, where 4th and 5th instars are present, and continuous egg laying is occurring, applications may provide variable control. Under these conditions, the addition of a contact insecticide in combination with SAN 420 I® WG is recommended.	0.12-1.50
The addition of a spreader sticker to SAN 420 I® WG may provide improved performance.	
Canola and Evening Primrose ADDITIONAL INSTRUCTIONS: Apply as necessary to maintain control.	0.06-1.50
Dry Beans and Peas, Lentils, Mint, Peanuts, Rice, Safflower, Soybeans, Sugar	0.12-1.50

CROPS	LBS./ACRE
Beets, Sunflower, Sorghum ADDITIONAL INSTRUCTIONS: Apply as necessary to maintain control.	
Field Corn, Pop Corn, Seed Corr. ADDITIONAL INSTRUCTIONS: Make initial application when economically damaging populations exist. Repeat as necessary to maintain control. Applications must be made to early instars prior to entering the ear or plant.	0.25-1.50
Hops ADDITIONAL INSTRUCTIONS: Apply as necessary to maintain control.	0.12-1.50
Begin treatment as soon as possible after hatching and before larvae are protected by leaf folds.	
Jojoba ADDITIONAL INSTRUCTIONS: Apply in a minimum of 50 gallons of water per acre by ground equipment or a minimum of 10 gallons of water by aerial equipment. Thorough coverage of foliage is essential and dictates the minimum spray volumes necessary.	0.25-1.50
Small Grains ADDITIONAL INSTRUCTIONS: Apply as necessary to maintain control.	0.50-1.50
Tobacco ADDITIONAL INSTRUCTIONS: Apply as necessary to maintain control.	0.06-1.50
Cotton	0.25-1.50

Including Arizona and California

Early and Mid-Season

ADDITIONAL INSTRUCTIONS:

Repeat as necessary throughout season to maintain control. If egg laying frequency indicates future moderate to heavy worm populations, time application spray to coincide with the 2nd instar larvae. During periods of high temperatures, worms will progress through 1st and 3rd instars very rapidly and early application timing is necessary for control.

To be effective, SAN 420 I[®] WG spray must be deposited at the larval feeding site. When plant cover is dense and worms are feeding in the lower 2/3 portion of the plant, aerial application of SAN 420 I[®] WG may not provide adequate control.

For the control of light to moderate infestations, apply at first sign of egglaying or newly-hatched worms (1st instar larvae).

Except Arizona and California ADDITIONAL INSTRUCTIONS:

CROPS	LBS./ACRE
Helcoverpa zea and Heliothis virescens Early Season Begin applications when at least 50% of plants are at pinhead square stage and Helicoverpa zea or Heliothis virescens are present at damaging levels. If Helicoverpa zea is the predominant species or if worm populations are high, use a higher rate or tankmix with a labeled ovicide (see below).	0.12-1.50
Mid-Season Repeat as necessary throughout season to maintain control. Time application at peak egg hatch or 1st instar larvae. If egg laying is heavy and constant over a three to five day period, time application when eggs laid on the first day have developed into 2nd instar larvae. During periods of high temperature, worms will progress through 1st and 3rd instars very rapidly and early application timing is necessary for control. Continue applications as needed based on field scouting up to pyrethroid spray window.	0.25-1.50
To be effective, SAN 420 I [®] WG spray must be deposited at the larval feeding site. When plant cover is dense and worms are feeding in the lower 2/3 portion of the plant, aerial application of SAN 420 I [®] WG may not provide adequate control. For added control of <i>Helicoverpa zea</i> and <i>Heliothis virescens</i> , tank mixing SAN 420 I [®] WG with a labeled ovicide, such as amitraz (0.125-0.25 lb a.i./acre), methomyl (0.125 lb a.i./acre), profenofos (0.25 lb a.i./acre), or thiodicarb (NOT FOR CALIFORNIA) (0.125-0.25 lb a.i./acre) is recommended. For added control of pyrethroid resistant <i>Heliothis virescens</i> , include SAN 420 I [®] WG as a tank mix partner with pyrethroid applications.	
Spodoptera exigua Apply when Spodoptera exigua population densities are damaging. Time application when the majority of the worm population is in the egg-hatch to 3rd instar stage. If populations are dense, use a higher rate. To be effective, SAN 420 I® WG spray must be deposited at the larval feeding site. When the plant canopy is dense, for best control tank mix SAN 420 I® WG with a labeled larvicide, such as chlorpyrifos (0.25-1.0 lb a.i./acre), methomyl (0.33-0.75 lb a.i./acre), profenofos (0.5-1.0 lb a.i./acre), or thiodicarb (NOT FOR CALIFORNIA) (0.6-0.9).	0.50-1.50
FRUIT, NUT, & VINE CROPS	
Apples and Pears ADDITIONAL INSTRUCTIONS: Apply when newly hatched larvae appear and before leaves are rolled. Continue applying as a part of the normal cover spray program until pest is adequately controlled. Apply when caterpillars are actively feeding (2nd-4th	0.25-2.00

CROPS	LBS./ACRE
instars).	
Avocados ADDITIONAL INSTRUCTIONS: Apply as necessary to maintain control. Begin treatment as soon as possible after hatching and before larvae are protected by leaf folds. (Amorbia [Mexican leafroller] is suppressed only.)	0.25-1.50
Bananas ADDITIONAL INSTRUCTIONS: Hawaii only. Use calibrated ground equipment with adequate water to apply to point of runoff.	0.25-1.50
Citrus ADDITIONAL INSTRUCTIONS: Use 50-600 gallons of water per acre when using ground equipment and 10 gallons of water minimum per acre by air. (Amorbia [Mexican leafroller] is suppressed only.)	0.12-1.50
Blueberries, Caneberries, Currants, Kiwi ADDITIONAL INSTRUCTIONS: Apply by ground equipment only. Begin treatment as soon as possible after hatching. For leafrollers, apply before larvae are protected by leaf-folds.	0.12-1.50
Grapes ADDITIONAL INSTRUCTIONS: Start treating as soon as possible after hatching and before larvae are protected by leaf folds.	0.25-1.50
Almonds, Apricots, Cherries, Filberts, Nectarines, Peaches, Pecans, Persimmons, Plums, Pomegranate, Prunes, Wainuts ADDITIONAL INSTRUCTIONS: For leafrollers, start treating as soon as possible after hatching and before larvae are protected by leaf folds. Apply when caterpillars are actively feeding (2nd to 4th instar). Application timing is very important for good pecan nut casebearer suppression. Consult your local university or extension agent for information concerning specific modeling that predicts egg lay, typical application dates, and scouting techniques for your area. SAN 420 I® WG must be present at egg hatch for best control. Make application when the majority of eggs are in	0.12-2.00

		CROPS		LBS./ACRE
		ol make two appli imum of 0.5 lb. s	cations 7 days apart. If onl hould be applied.	у
Melons (Also se ADDITIONAL IN Apply at first sig to maintain cont	STRUCTIONS of hatch be		ruit. Repeat as necessary	0.12-1.50
Strawberries ADDITIONAL IN Apply as necess		-		0.12-1.50
In a tank mix wi SAN 420 I [®] WG		= = = = = = = = = = = = = = = = = = =	ninimum of 1/2 lb. of	
SHADE TREES &	nd ORNAMEN	ITALS (INCLUDIN	G ROSES)	0.06-1.50
' ' '	expansion rea er a long perio	aches 40% to 50° od of time, or if re	% as infestation warrants. infestation occurs, spray	
Apply when mos of the bud cap t			o consider the opening	
Apply after eggs exposed foliage.		d and early instar	arvae are feeding on	
TURF AND GRA	SS SEED PRO	DUCTION		0.50-1.50
ADDITIONAL IN Repeat as neces		: ut season to mair	ntain control.	
STORED SOYBE	ANS, GRAINS	(INDIAN MEAL N	MOTH, ALMOND MOTH)	
grains, prepare of SAN 420 I® WG is being augered treating the surf	revent Indian a spray mixture. The spray mixture into storage (ace of grain a total amount)	Meal Moth and Ale which includes nixture may be ap (applying 0.6 pint fter it is in the bin of SAN 420 I® Wo	mond Moth infestations of s 1 gallon of water for every 1 plied either by treating the to of mixture per bushel in the . The Table below can be u 3 needed according to the b	1.5 oz. by weight of op 4 inches of grain as grain stream), or by sed as a guide in
Bin Diameter (ft.)	Surface Area (sq. ft.)	Bushels (to 4 in. depth)	SAN 420 I [®] WG Rate (by weight)	

	CROPS				LBS./ACRE
6	50	10	Grams	oz. 0.40	
8 12	113	13 30	21 50	0.90	
16	201	53	85	1.50	
20	314	84	120	2.15	
24	452	120	185	3.25	
28	615	163	255	4.50	
32	804	214	326	5.75	

To insure thorough coverage when making applications to the grain surface after it is in the bin, apply spray mixture in three (3) applications. Mix, the grain with a scoop or rake to a depth of four (4) inches after each application.

Stored grain may be treated anytime, but for best results, treat grain at the time it is placed into storage or shortly thereafter, or in the early spring prior to egg-laying. Full season control is normally experienced. Re-treat only if reinfestation occurs.

For the protection of bagged grain, apply spray mixture to entire grain mass, and mix thoroughly prior to bagging. SAN 420 I[®] WG at 3 oz. by weight per 10 gallons of water will treat approximately 100 bushels.

Treated grain may be used at any time after treatment.

FLOWERS AND ORNAMENTALS

SAN 420 1º WG may also be used on flowers and ornamentals outdoors and in the greenhouse at a rate of 0.12 - 1.50 lb. per 100 gallons of water for control of listed insects on this label.

GUIDE FOR SMALL SPRAY VOLUME MIXING

Rate	Conversion Rate*
Lbs./A	Teaspoons/Gallon
1/8	1/4
1/4	1/2
1/2	1

* Assumes Application to spray runoff.

STORAGE AND DISPOSAL

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

Storage:

)

Store in original container in a cool, dry place inaccessible to children and pets and away from heat and direct sunlight. Protect from freezing. Storage at temperatures above 90°F may impair

effectiveness. When kept at room temperature (+21°C to 24°) SAN 420 I[®] WG will keep its activity approximately 2 years.

Pesticide Disposal: Pesticide, spray mixture, or rinse water that cannot be used

according to label instruction must be disposed of according to

Federal, State, or Local procedures.

Container Disposal: Completely empty container into application equipment. Triple rinse

or equivalent. Then offer for recycling or reconditioning, or

puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay

out of smoke.

Asana® XL is a trademark of E.I. duPont de Nemours and Co., inc. Ambush® is a trademark of ICI Group Companies Supracide® is a trademark of Ciba-Geigy Corp.