



FIFRA §2(ee) RECOMMENDATION

For Control of Several Pests on Several Crops

FIFRA Section 2(ee) recommendation for use in

ALABAMA, ARKANSAS, COLORADO, CONNECTICUT, FLORIDA, GEORGIA, ILLINOIS, INDIANA, IOWA, KANSAS, LOUISIANA, MAINE, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSISSIPPI, MISSOURI, NEBRASKA, NEVADA, NEW JERSEY, NORTH CAROLINA, NORTH DAKOTA, PENNSYLVANIA, OHIO, OKLAHOMA, RHODE ISLAND, SOUTH CAROLINA, SOUTH DAKOTA, TENNESSEE, VIRGINIA, WEST VIRGINIA & WISCONSIN

Captan Gold[®] XL

EPA Reg. No. 66222-303

FIFRA Section 2 (ee) Recommendation: This recommendation is made as permitted under FIFRA Section 2 (ee) and has not been submitted to or accepted by the U.S. Environmental Protection Agency.

DIRECTIONS FOR USE

- It is a violation of Federal law to use this product inconsistent with its labeling.
- This product bulletin must be in the possession of the user at the time of pesticide application.
- Read the "Limitation of Warranty and Liability" in the label booklet for Captan Gold XL before using.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.

FRUIT AND NUT CROPS

Refer to Commercial Post-Harvest Processing for Apples, Cherries and Pears at End of Crop Tables

ALMONDS

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Brown rot twig and blossom blight, Shothole, Scab, Leaf blight, Anthracnose (for control of anthracnose, use in a disease and resistance management program of rotational sprays with other approved materials)	2.5 – 5.67	2.0 – 4.54	Ground application: Apply in water in a minimum of 20 to 300 gallons per acre as a full cover spray. Air application: Apply in water in a minimum of 5 to 20 gallons per acre.
	2.5 - 3.75	2 -3	Tank mix use: To reduce the potential for disease resistance development to other fungicides having a similar spectrum.
	3.75 - 5.67	3 – 4.54	When Captan Gold XL is used alone.

Use Restrictions

- **DO NOT** apply within 30 days of harvest.
- **DO NOT** apply more than 25 pounds per acre per year.
- The REI is 24 hours.
- Apply at popcorn, bloom, petal fall, post petal fall, and full cover sprays.
- Almond hulls may be fed to livestock.

- **Airblast Applicators** must use an enclosed cab airblast applicators may use an open cab and PF10 respirator with an area treated limit of 20 A/day.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for Almonds ≤220 gal/day.
- **Fruit sorters and packers** must wear PF50 respirator; all other workers must wear a PF10 respirator

APPLES (East of the Rockies)

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Primary scab, black rot (frogeye), botrytis blossom- end-rot	3.75	3	<p>Ground application: Apply in water in a minimum of 20 to 400 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 5 to 20 gallons per acre.</p> <p>Apply at 5 to 7 day intervals as needed to maintain control in prebloom, bloom, petal fall, and first cover sprays.</p>
Secondary scab, Brooks fruit spot, sooty blotch, fly speck, black rot, black pox, botryosphae ria rot, bitter rot	3.12-3.75	2.5 - 3	<p>Ground application: Apply in water in a minimum of 20 to 400 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 5 to 20 gallons per acre.</p> <p>Apply at 10 to 14 day intervals in second and later cover sprays.</p>
Powdery mildew	3.75	3	<p>If powdery mildew is a problem, add to all post bloom sprays until foliage matures.</p> <p>Note: Do not use Captan Gold XL in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of apples such as Red Delicious, Staymen, Baldwin, King etc. as severe injury and defoliation may occur.</p>

Use Restrictions

- **Do not** apply more than 40 pounds of Captan Gold XL per acre per year.
- May be applied up to day of harvest.
- The REI is 24 hours.
- **Airblast Applicators** must use an enclosed cab. Alternatively, airblast applicators may use an open cab PF10 respirator with an area treated limit of 30 A/day.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for apples ≤22- gal/day.
- **Fruit sorters and packers** must wear PF50 respirator; all other workers must wear a PF10 respirator.
- **For Post-Harvest Fruit Dip Use:** Workers mixing and loading must wear a PF50 respirator. Fruit packing workers who are sorting and packing apples must wear a PF50 respirator. Use either a full-or half-face elastomeric respirator, with appropriate cartridges, may be used to fulfill this requirement.

APPLES (West of the Rockies)

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Primary scab	2.5 - 3.75	2.0 – 3.0	Ground application: Apply in water in a minimum of 20 to 400 gallons per acre as a full cover spray. Air application: Apply in water in a minimum of 5 to 20 gallons per acre. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, the lower rate may be used in tank mixtures.
Secondary scab			In mid-summer cover sprays, the dosage may be reduced to 2.5 lb product/acre (2.0 lb ai/acre)
Bull's eye rot, Botrytis rot	3.75	3.0	Ground application: Apply in water in a minimum of 20 to 400 gallons per acre as a full cover spray. Air application: Apply in water in a minimum of 5 to 20 gallons per acre. Make 1 or 2 applications with later cover sprays 1 final spray prior to harvest.

Use Restrictions

- **Do not** apply more than 40 pounds of Captan Gold XL per acre per year.
- May be applied up to day of harvest.
- The REI is 24 hours.
- **Airblast Applicators** must use an enclosed cab. Alternatively, airblast applicators may use an open cab and PF10 respirator with an area treated limit of 30 A/day.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for apples ≤245 gal/day.
- **Fruit sorters and packers** must wear PF50 respirator; all other workers must wear a PF10 respirator.
- **For Post-Harvest Fruit Dip Use:** Workers mixing and loading must wear a PF50 respirator. Fruit packing workers who are sorting and packing apples must wear a PF50 respirator. Use either a full- or half-face elastomeric respirator, with appropriate cartridges, may be used to fulfill this requirement.

APRICOTS

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Brown rot (twig blight), Jacket rot	1.87 - 3.12	1.5 – 2.5	Ground application: Apply in water in a minimum of 20 to 250 gallons per acre as a full cover spray. Air application: Apply in water in a minimum of 10 to 20 gallons per acre. Apply in red bud, bloom, and 75% petal fall sprays.

Use Restrictions

- **Do not** apply more than 15 5/8 pounds per acre per year.
- May be applied up to day of harvest.
- The REI is 24 hours.
- To reduce the potential for disease resistance development to other fungicides having a similar spectrum, use the lower rate in tank mixtures.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for apricots ≤490 gal/day.

BLUEBERRIES (East of the Rockies)

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Botrytis gray mold or berryrot, mummy berry	3.12	2.5	<p>Ground application: Apply in water in a minimum of 20 to 250 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 5 gallons per acre.</p> <p>Start spray program when buds swell or when buds have loose scales.</p> <p>Repeat at 7-day intervals through blossom period.</p> <p>Repeat at 7 to 10 day intervals from late bloom.</p>

Use restrictions for blueberries (East of the Rockies)

- **Do not** apply more than 43¾ pounds per acre per year.
- May be applied up to day of harvest.
- The REI is 72 hours.
- **Airblast Applicators** must use an enclosed cab. Alternatively, airblast applicators may use an open cab and PF10 respirator with an area treated limit of 35 acres/day for blueberries.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for blueberries ≤390 gal/day.

BLUEBERRIES (West of the Rockies)

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Botrytis gray mold or berry rot, mummy berry	1.25- 3.12	1.0 - 2.25	<p>Ground application: Apply in water in a minimum of 20 to 250 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 5 to 20 gallons per acre.</p> <p>Start spray program when buds swell or when buds have loose scales.</p> <p>Repeat at 7-day intervals through blossom period.</p> <p>Repeat at 7 to 10 day intervals from late bloom.</p>

Use restrictions for blueberries (West of the Rockies)

- **Do not** apply more than 43¾ pounds per acre per year.
- May be applied up to day of harvest.
- The REI is 72 hours.
- **Airblast Applicators** must use an enclosed cab. Alternatively, airblast applicators may use an open cab and PF10 respirator with an area treated limit of 35 acres/day for blueberries.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for blueberries ≤390 gal/day.

BLACKBERRIES*, RASPBERRIES*, DEWBERRIES*

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Anthracnose, Botrytis, Spur blight	2.5	2	<p>Apply in water in a minimum of 45 to 200 gallons per acre as a full cover spray. Use the higher volume as foliage increases.</p> <p>When blossoms are in bud (young canes are 8 to 10 inches long). Make a second application two weeks later.</p> <p>Apply a fall spray after old canes are removed.</p>
Fruit rot	2.5	2	<p>Apply in water in a minimum of 45 to 200 gallons per acre as a full cover spray. Use the higher volume as foliage increases</p> <p>Apply at early bloom (5 to 10% bloom) and again at full bloom. Additional applications can be made at 10-14 day intervals as needed</p>
<p>Use Restrictions</p> <ul style="list-style-type: none"> • Do not apply more than 12½ pounds of Captan Gold XL per acre per year. • Do not apply within 3 days of harvest. • The REI is 72 hours. • Airblast Applicators must use an enclosed cab. Alternatively, airblast applicators may use an open cab and PF10 respirator with an area treated limit of 40 acres/day for caneberries. <p>* Not registered for use in California</p>			

CHERRIES (East of the Rockies)

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Brown rot, leaf spot, Botrytis rot	2.5	2	<p>Ground application: Apply in water in a minimum of 20 to 200 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 10 to 20 gallons per acre.</p> <p>Apply in pre-bloom, bloom, petal fall, shuck, cover and preharvest sprays.</p> <p>Applications at 3 to 4 day intervals may be necessary during bloom to control blossom blight.</p> <p>Repeat applications at 7 to 20 day intervals as needed to maintain control up to start of harvest.</p>
Powdery mildew			<p>If powdery mildew is a problem, add 6 pounds sulfur per acre to the petal fall, shuck, and early cover sprays.</p> <p>If sulfur is added, Captan Gold XL may be reduced to 1.25 lb product/A (1 lb ai/A) in these sprays.</p>
Leaf spot (Post-harvest sprays)			<p>Ground application: Apply in water in a minimum of 20 to 200 gallons per acre.</p> <p>Apply immediately after harvest and repeat application 10-14 days</p>

Use restrictions for Cherries (east of the Rockies)

- **Do not** apply more than 17½ pounds per acre per year.
- May be applied up to day of harvest.
- The REI is 24 hours.
- **Airblast Applicators** must use an enclosed cab
- Alternatively, for all orchard crops except almond, airblast applicators may use an open cab and PF10 respirator with an area treated limit of 30 A/day.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for cherries ≤ 490 gal/day.
- **Fruit sorters and packers** must wear PF50 respirator; all other workers must wear a PF10 respirator.
- **For Post-Harvest Fruit Dip Use:** Workers mixing and loading must wear a PF50 respirator. Fruit packing workers who are sorting and packing cherries must wear a PF50 respirator. Use either a full-or half-face elastomeric respirator, with appropriate cartridges, may be used to fulfill this requirement.

CHERRIES (West of the Rockies)

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Brown rot blossom blight, brown rot (fruit), leaf spot	1.87 - 2.5	1.5 - 2.0	Ground application: Apply in water in a minimum of 20 to 200 gallons per acre as a full cover spray. Air application: Apply in water in a minimum of 10 to 20 gallons per acre.
			Apply in pre-bloom, bloom, petal fall, shuck, cover, and preharvest sprays.

Use Restrictions for Cherries (West of the Rockies)

- **Do not** apply more than 17½ pounds per acre per year.
- May be applied up to day of harvest.
- The REI is 24 hours.
- **Airblast Applicators** must use an enclosed cab.
- Alternatively, for all orchard crops except almond, airblast applicators may use an open cab and PF10 respirator with an area treated limit of 30 A/day.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for cherries ≤ 490 gal/day.
- **Fruit sorters and packers** must wear PF50 respirator; all other workers must wear a PF10 respirator.
- **For Post-Harvest Fruit Dip Use:** Workers mixing and loading must wear a PF50 respirator. Fruit packing workers who are sorting and packing cherries must wear a PF50 respirator. Use either a full-or half-face elastomeric respirator, with appropriate cartridges, may be used to fulfill this requirement.

GINSENG *

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Cylindrocarpon root rot (<i>Cylindrocarpon destructans</i>), Phytophthora root rot (<i>Phytophthora cactorum</i>), Pythium root rot (<i>Pythium spp.</i>), Rhizoctonia root and crown rot (<i>Rhizoctonia solani</i>), and Grey mold (<i>Botrytis cinerea</i>)	3.75	3	Apply at 6 to 8 day intervals or when conditions favor disease development. For control of root and crown diseases prior to the year of harvest, apply as a drench in a minimum of 200 gallons of water per acre. For gray mold apply as a foliar spray in a minimum of 100 gallons of water per acre. Steps should be taken to assure wildlife are prevented from browsing treated ginseng foliage including keeping ginseng crops contained at all times inside of shade structures, using vertical fencing, and using other wildlife deterrents such as scarecrows, owl decoys, balloons, noise machines, etc. as needed.

Use Restrictions

- **Do not** apply more than 30 pounds of Captan Gold XL per acre per year.
- **Do not** make foliar applications within 14 days of harvest.
- The REI is 24 hours.

* Not registered for use in California

GRAPES (U.S. except California)

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Phomopsis cane and leaf spot, downy mildew, suppression of black rot	1.25 - 2.19	1.0 - 1.75	<p>Ground application: Apply in water in a minimum of 20 to 200 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 7 to 20 gallons per acre, when shoots are ½ to 1½ inches long, when shoots are 3 to 5 inches long, and when shoots are 9 to 12 inches long.</p> <p>Repeat just before bloom, immediately after bloom, and continue at 10 to 14 day intervals as long as disease conditions persist.</p> <p>Use the lower rate when spraying less susceptible grape varieties or when conditions are less favorable for disease development.</p> <p>Use the higher rate on susceptible grape varieties and during periods of weather highly favorable for disease development.</p>
Used restrictions for Grapes (except California) <ul style="list-style-type: none"> • Do not apply more than 15 pounds of Captan Gold XL per acre per year. • Do not enter or allow workers to enter treated areas during the restricted entry interval (REI) of 5 days for girdling and turning table grapes grown on T trellises • May be applied up to day of harvest. • The REI is 72 hours. • Application with Mechanically Pressurized Handgun: Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for grapes ≤ 490 gal/day. 			

GRAPES (California only)

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Bunch rot (Botrytis)	2.19	1.75	<p>Ground application: Apply in water in a minimum of 20 to 200 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 7 to 20 gallons per acre when shoots are ½ to 1½ inches long, when shoots are 3 to 5 inches long, and when shoots are 9 to 12 inches long.</p> <p>Make 2 applications before bloom and 1 immediately after bloom.</p> <p>Repeat periodically, making 3 cover applications before the bunches close.</p>
Phomopsis cane and leaf spot (current season infection)	1.56 – 2.19	1.25 - 1.75	<p>Ground application: Apply in water in a minimum of 20 to 200 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 7 to 20 gallons per acre.</p> <p>Apply first spray when green tissue begins to show but before shoots are 1 inch long and repeat application when shoots are 6 to 8 inches long.</p>
<p>Use restrictions for grapes (California only)</p> <ul style="list-style-type: none"> • Do not apply more than 15 pounds of Captan Gold XL per acre per year. • May be applied up to day of harvest. • The REI is 72 hours. • Application with Mechanically Pressurized Handgun: Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for grapes ≤ 490 gal/day. 			

NECTARINES

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Brown rot, scab	2.5 - 3.75	2 - 3	<p>Ground application: Apply in water in a minimum of 20 to 250 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 10 to 20 gallons per acre.</p> <p>To reduce the potential for disease resistance development to other fungicides having a similar spectrum, use the lower rates of Captan Gold XL in tank mixes.</p> <p>Apply in full pink, bloom, petal fall, shuck, cover, and preharvest sprays. Applications at 3 to 4 day intervals may be necessary during bloom to control blossom blight.</p> <p>Repeat application at 7 to 14 day intervals as needed to maintain control. Continue applications throughout harvest if conditions favor brown rot.</p>
Coryneum blight (peach blight, shothole)	3.75	3	<p>Ground application: Apply in water in a minimum of 20 to 250 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 10 to 20 gallons per acre.</p> <p>Apply in pink bud, full bloom, petal fall, and cover sprays as necessary, and as a postharvest spray (but before leaves drop).</p> <p>Apply in pink bud, full bloom, petal fall and cover sprays as necessary, and as a postharvest spray (but before leaves drop).</p>
Powdery mildew	2.5 - 3.75	2 - 3	<p>If powdery mildew is a problem, add 7½ pounds sulfur per acre to the petal fall, shuck, and early cover spray.</p> <p>If sulfur is added, Captan Gold XL may be reduced to 1.6 lb product/A (1.28 lb ai/A) in these sprays.</p>

Use restrictions for Nectarines

- **Do not** apply more than 30 pounds per year (including postharvest sprays).
- Preharvest sprays may be applied up to day of harvest.
- The REI is 24 hours.
- **Airblast Applicators** must use an enclosed cab. Alternatively, airblast applicators may use an open cab and PF10 respirator with an area treated limit of 30 A/day
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for nectarines ≤ 245 gal/day

PEACHES

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Brown rot, scab	2.5 - 3.75	2 - 3	<p>Ground application: Apply in water in a minimum of 20 to 400 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 10 to 20 gallons per acre.</p> <p>To reduce the potential for disease resistance development to other fungicides having a similar spectrum, use the lower rates of Captan Gold XL in tank mixes.</p> <p>Apply in full pink, bloom, petal fall, shuck stages, and in cover and preharvest sprays.</p> <p>When conditions are favorable, make applications at 3 to 4 day intervals during bloom to control blossom blight. Then repeat application at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot.</p>
Coryneum blight (peach blight, shothole)	3.75	3	<p>Ground application: Apply in water in a minimum of 20 to 400 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 10 to 20 gallons per acre.</p> <p>Apply in pink bud, full bloom, petal fall stages, and cover sprays as necessary and as a post-harvest spray (but before leaves drop).</p> <p>Use Restrictions</p> <ul style="list-style-type: none"> • Do not apply more than 40 pounds per acre per year (including postharvest sprays). • Pre-harvest sprays may be applied up to day of harvest. • The REI is 24 hours. • Hand dipping is prohibited for peach trees, roots & tubers
Powdery mildew	2.5 - 3.75	2 - 3	<p>If powdery mildew is a problem, add 12 pounds sulfur per acre to the petal fall, shuck, and early cover spray.</p> <p>If sulfur is added, Captan Gold XL may be reduced to 2.5 lb product/A (2 lb ai/A) in these sprays.</p>

Use restrictions for Peaches

- **Do not** apply more than 40 pounds per acre per year (including postharvest sprays).
- Pre-harvest sprays may be applied up to day of harvest.
- The REI is 24 hours.
- Hand dipping is prohibited for peach trees, roots & tubers.
- **Airblast Applicators** must use an enclosed cab. Alternatively, airblast applicators may use an open cab and PF10 respirator with an area treated limit of 30 A/day.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for peaches ≤ 245 gal/day.

PLUMS, FRESH PRUNES (East of the Rockies)

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Brown rot	3.75	3	<p>Ground application: Apply in water in a minimum of 20 to 300 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 10 to 20 gallons per acre.</p> <p>Apply in full pink, bloom, and petal fall sprays. Repeat applications at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot.</p> <p>The addition of a neutral spreader has improved coverage.</p>

Use restrictions for plums, fresh prunes (east of the Rockies)

- **Do not** apply more than 33¾ pounds per acre per year.
- May be applied up to day of harvest.
- The REI is 24 hours.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for plums & prunes ≤ 325 gal/day.

PLUMS, FRESH PRUNES (West of the Rockies)

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Brown rot	2.5 - 3.75	2 - 3	<p>Ground application: Apply in water in a minimum of 20 to 300 gallons per acre as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 10 to 20 gallons per acre.</p> <p>Use lower rates when tank mixes with fungicides of similar spectrum of activity are used.</p> <p>Apply at green bud, popcorn, bloom, and petal fall stages. Repeat in cover sprays as conditions warrant.</p>
Prune russet scab (lacy scab)	2.5 - 3.75	2 - 3	<p>Ground application: Apply in water in a minimum of 20 to 300 gallons per acre as a full cover spray.</p> <p>Apply at full bloom.</p>

Use restrictions for plums, fresh prunes (west of the Rockies)

- Apply at full bloom. **Do not** apply more than 33¾ pounds per acre per year.
- May be applied up to day of harvest.
- The REI is 24 hours.
- **Application with Mechanically Pressurized Handgun:** Applicators must wear a PF10 respirator and single layer PPE. Applicators must limit the amount handled for plums & prunes ≤ 325 gal/day

STRAWBERRIES

PEST	LB PRODUCT/ACRE	LB AI/ACRE	COMMENTS
Botrytis (gray mold), leaf spot	1.87 to 3.75	1.5 – 3.0	<p>Ground application: Apply in water in a minimum of 20 to 300 gallons as a full cover spray.</p> <p>Air application: Apply in water in a minimum of 10 to 20 gallons per acre.</p> <p>Begin applications when new growth starts in the spring and before fruit starts to form.</p> <p>Repeat at 7 to 14 day intervals.</p> <p>Under conditions favorable to fruit rot, continue applications through harvest period treating immediately after each picking.</p>
<p>Use restrictions for strawberries</p> <ul style="list-style-type: none"> • Do not apply more than 30 pounds per acre per year. • May be applied up to day of harvest. • The REI is 24 hours. 			

If applying as a directed/banded spray; use band rate of Captan Gold XL according to the following formula:

$$\frac{\text{Plant bed width (inches)}}{\text{Row Spacing (inches)}} \times \frac{\text{Broadcast rate}}{\text{Acre}} = \text{Banded rate of Captan Gold per acre}$$

COMMERCIAL POST-HARVEST PROCESSING (apples, cherries, pears) and SPECIAL USES

PEACH PREPLANT ROOT DIP

(California):

Preventative preplant dip treatment for crown gall; Use 2.5 pounds Captan Gold XL (2 lb ai / A) plus 3.2 pints sodium hypochlorite (5.25% household bleach) per 100 gallons of water. For commercial nurseries only, wash nursery trees to remove soil from roots. Cut off all dormant buds and suckers in crown area and prune root system if necessary. Submerge the entire dormant tree for 5 minutes. Recharge dip during operation at a rate of 3.2 pints diluted sodium hypochlorite per 100 gallons of water.

Restriction: Hand dipping is prohibited

POSTHARVEST FRUIT APPLICATION:

For control of various molds and storage rots (Botrytis, Gleosporium, Rhizopus); Use as a post harvest dip or spray wash on the following fruits: **Apples, Cherries, Pears**; Use 1.6 pounds Captan Gold XL (1.28 lb ai/A) per 100 gallons of water. Apply as a spray or in a dip tank. When used as a dip, recharge wash solution periodically when tank volume is reduced by 25%. Bring water back to volume and add 1.6 pounds Captan Gold XL (1.28 lb ai/A) for each 100 gallons added. At end of every 8-hour shift, empty tank, flush, and charge with fresh dilution. **Do not** allow tank solution to stand overnight. Maintain continuous agitation during dipping operation. For post-application fruit dips: **Do not** contact or allow others to contact the treated fruit until sprays have dried.

Restrictions:

- For use in mechanical fruit dip operations only. Hand dipping is prohibited.
- Fruit sorters and packers must wear PF50 respirator; all other workers must wear a PF10 respirator.
- For Post-Harvest Fruit Dip Use of Captan on Apples, Cherries, and Pears: Workers mixing and loading must wear a PF50 respirator. Fruit packing workers who are sorting and packing apples, cherries or pears must wear a PF50 respirator. Use either a full-or half-face elastomeric respirator, with appropriate cartridges, may be used to fulfill this requirement.

Captan Gold XL is a trademark of an ADAMA Group Company.

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