

CRUNCHER-51.4% SC

FUNGICIDE
SUSPENSION CONCENTRATE

VAPCO

Class:
Methoxyacrylate⁽¹⁾
Triazole⁽²⁾

Fungicide with protective, curative, eradicant, translinar and systemic properties used to control a wide range of fungal diseases on a wide range of crops such as vegetables, fruit trees ... Etc.

COMPOSITION: Each liter contains:

AZOXYSTROBIN⁽¹⁾	29.6% W/V (A.I)
FLUTRIAFOL⁽²⁾	21.8% W/V (A.I)

PROPERTIES:

CRUNCHER-51.4% SC: Two unique mode of action for resistance management and broad spectrum disease control .

CRUNCHER-51.4% SC: Has an immediate effect against diseases such as powdery mildew, downy mildew, mold, anthracnose, leaf spot, early blight, blotch, and rust

USES AND APPLICATION RATE:

CROP	DISEASE	APPLICATION RATE ML/20 LITER WATER	APPLICATION DIRECTIONS	SAFETY PERIOD (DAYS)
Almond	Alternaria leaf spot, anthracnose, brown rot blossom blight, late blight Leaf rust, scab, shot hole	7 – 12	- Brown rot blossom blight start applications at 5-10% bloom followed by an application at 50-100% bloom - Apply preventatively or when conditions are favorable for disease development. - repeat as necessary if conditions are favorable for disease development on a 7 – 21 day interval.	14
Broccoli, cabbage, mustard, cauliflower	Black spot, cercospora leaf spot, powdery mildew, white rust.	7 – 12	- Apply preventatively or when conditions are favorable for disease development. - Repeat as necessary if conditions are favorable for disease development on a minimum of 7 day intervals.	14
Corn	Rust, anthracnose leaf blight, leaf spot, Northern corn leaf blight, corn leaf blight,	7 – 12	- For optimum results begin applications when disease first appears and continue as needed on a 7 to 10 day interval. - Use high end of the use rate when disease pressure is high and conditions are favorable for disease development.	14

• For more details about first aid & precautions please refer to first aid & precautions index.

USES AND APPLICATION RATE:

CROP	DISEASE	APPLICATION RATE ML/20 LITER WATER	APPLICATION DIRECTIONS	SAFETY PERIOD (DAYS)
Cucumber, Melons, Muskmelon, Pumpkin, Squash.	Anthraxnose, belly rot, Downy mildew, Gummy stem blight, Leaf spots, myrothecium canker, Powdery mildew, Target spot, Ulocladium leaf spot.	7 – 12	- downy mildew make preventative applications on a 5 – 7 day schedule. - belly rot control, the first application should be made at the 1 - 3 leaf crop stage with a second application just prior to vine tip over or 10 - 14 days later whichever occurs first. - apply preventatively or when conditions are favorable for disease development and continue throughout the season at 7 - 14 day intervals.	7
Grapes	Black rot, Phomopsis cane and Leaf spot, Powdery mildew	7 - 9	- powdery mildew, begin application at 6 to 10 inch shoots. - apply preventatively or when conditions are favorable for disease development. - repeat on 14 – 21 day intervals throughout the season.	21
Lettuce, Parsley, Spinach	Alternaria leaf spot, Anthracnose, Downy mildew, Early blight, Late blight, Powdery mildew, Septoria leaf spot, White rust.	9 - 12	- Downy mildew apply preventatively at the higher rate on 7 day intervals. - apply preventatively or when conditions are favorable for disease development. - Repeat as necessary on 7 – 14 day intervals if conditions are favorable for disease development.	7
Apricot Nectarine, Cherry, Peach, Plum	Alternaria spot and fruit rot, anthracnose, brown rot, blossom blight cherry leaf spot, fruit brown rot, leaf rust, powdery mildew, scab, shot hole.	8 - 12	- brown rot blossom blight start applications at 1-5% bloom - apply preventatively or When conditions are favorable for disease development and continue on a 7 – 10 day application interval	14
Strawberry	Powdery mildew, Anthracnose, Leather rot	7 - 12	- apply preventatively or when conditions are favorable for disease development. - repeat as necessary if conditions are favorable for disease development on a minimum of 7 day intervals.	14
Tomatoes	Anthraxnose, powdery mildew, blackmold, Early blight, late blight Septoria leaf spot, Target spot	6 - 12	- apply preventatively or when Conditions are favorable for disease Development and continue throughout the Season at 7 -21day application intervals.	7

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USES AND APPLICATION RATE:

CROP	DISEASE	APPLICATION RATE ML/20 LITER WATER	APPLICATION DIRECTIONS	SAFETY PERIOD (DAYS)
Eggplant, Pepper, Okra	Anthraco nose, Cercospora leaf spot, Powdery mildew	6 – 12	- apply preventatively or when conditions are favorable for disease development. - repeat on a 7 – 14 day interval as necessary if conditions are favorable for disease development.	7
Wheat	Leaf rust, Powdery mildew, Septoria leaf and glume blotch, stem rust, Stripe rust, tan spot	6 – 10	- apply preventatively or when conditions are favorable for disease development. - repeat as necessary if conditions are favorable for disease development.	30 for grain, 15 For hay, 7 forage

CAUTION:

- Used only on above mentioned crops and follow the recommended safety period before harvest.
- The product is extremely phytotoxic to certain apple varieties, so do not spray **CRUNCHER-51.4% SC** where spray drift may reach apples.
- Do not apply more than 2 application per years for wheat.
- Do not apply more than 6 application per years for grapes.
- Do not apply more than 4 application per years for agricultural crops mentioned in table of uses and recommendations.

RE-ENTRY PERIOD:

12 hours from last application.

PHYTOTOXICITY:

Extremely phytotoxic to certain apple varieties.

COMPATIBILITY:

Compatible with most common pesticide and compatibility test is recommended before application.

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