

COPPER SULFATE-80%

**FUNGICIDE
WETTABLE POWDER**

VAPCO

Class:
Inorganic compound

Foliar fungicide with protective action. Deposits must be on the crop before fungal spores begin to germinate.

COMPOSITION: Each kg contains:

COPPER SULFATE

80% W/W (A.I)

PROPERTIES:

COPPER SULFATE-80%: Foliar fungicide with protective action.

COPPER SULFATE-80%: Increase production by increasing the harvest period.

COPPER SULFATE-80%: Easy, safe to use in different kinds of spraying equipments.

COPPER SULFATE-80%: Control wide range of fungal diseases on a wide range of crops.

USES AND APPLICATION RATE:

CROP	DISEASE	APPLICATION RATE GM / 20 LT. WATER	SAFETY PERIOD (DAYS)	NOTICE
Almonds	Brown Rot, Blossom Blight, Shot Hole.	100 – 125	14	May be applied as dormant or bud spray. Bud sprays should be applied at pink but through popcorn stage. Do not apply after 50% bloom or when trees are in leaf. Use high rate when disease pressure is heavy or expected to be so.
	Anthracnose	75 – 100	14	For red varieties apply to foliage before or after harvest. For yellow varieties apply to foliage after harvest once every 2 to 3 years as necessary.
	Bullseye Rot	100		Plus suitable oil. Apply after harvest.
Apples	Fire Blight	8 – 12.5		Begin at 10% bloom. Repeat at 5 day intervals until late bloom is over.
	Brown Rot, Blossom Blight, Shot Hole.	100 – 125	14	Apply as a dormant or bud spray. Bud sprays should be applied from bud swell to popcorn stage. Do not spray when trees are in leaf. When bud blight is a problem, apply the maximum rate after most leaves have fallen in the fall, usually November and December, but prior to fall rains.

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

CROP	DISEASE	APPLICATION RATE GM / 20 LT. WATER	SAFETY PERIOD (DAYS)	NOTICE
Citrus	Brown Rot	25	14	Apply at first indications of rain or first appearance of Brown rot. Repeat as needed to protect during wet weather.
	Malanose, Scab, Greasy Spot, Pink Pitting.	25 – 75		Apply 1 to 3 weeks after petal fall. Repeat 4 weeks later if necessary. Wettable sulfur may be included in sprays. For Scab, make two applications one just before trees begin to flush and repeat at two-thirds petal fall. Wettable sulfur may be included in sprays. For Greasy spot and Pink pitting, make a summer spray. *Note to user: Do not use in areas where copper injury is known to have occurred.
Grapes	Anthrachnose, Black Rot, Downy Mildew.	50	10 – 14	Make first application when new growth is 0.5 Inch long and repeat every 10 – 14 days.
Olives	Leaf Spot (Peacock Spot)	100	14	Apply in late October. Note: In areas with 10 inches or less of rainfall per year, use only 5 kg / ha.
Peaches, Nectarines	Brown Rot	100 – 125	14	Apply before bud swell and in full pink bud stages. Do not apply after pink bud stage or after trees are in leaf as injury may occur.
	Leaf Curl, Peach Blight (Shot Hole).	100 – 125		As a dormant spray, apply prior to fall rains. Bud sprays should be applied before bud swell and in fall pink stages. Do not apply after pink bud stage, after foliage buds swell or after trees are in leaf as injury may occur.
	Bacterial Diseases Of Peaches	75		Apply during the dormant season.
Pears	Fire Blight	12.5	5 – 7	Repeat at 5 to 7 days intervals during bloom. Do not use on: D'Anjou, Comice or Seckel varieties.
Plums, Prunes	Shot Hole	100 – 125	14	Apply as a dormant spray before the advent of heavy rains.
	Brown Rot, Blossom Blight.	100 – 125		Apply at early green bud and full popcorn stages. Do not apply after trees are in leaf as injury may occur.

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

CROP	DISEASE	APPLICATION RATE GM / 20 LT. WATER	SAFETY PERIOD (DAYS)	NOTICE
Strawberries	Leaf Spot	50 – 75	---	Apply at pre-bloom and post bloom.
Beans (Green & Dry)	Angular Leaf Spot, Anthracnose, Bacterial Blight, Downy Mildew.	50 – 100	5 – 7	Begin treatment when plants are about 5 inches tall and repeat at 5 to 7 day intervals.
Beets	Downy Mildew, Leaf Blight, Leaf Spots.	50 – 75	7 – 10	Begin when disease first appears and repeat every 7 to 10 days.
Cabbage, Cauliflower	Downy Mildew, Leaf Spots.	50 – 75	7 – 10	For plant bed sprays, apply after plants have emerged before diseases appear. Repeat in 7 to 10 days as needed.
Carrots	Alternaria & Cercospora Leaf Blight, Downy Mildew.	75 – 100	7 – 10	Begin treatment when disease first appears and repeat at 7 to 10 day intervals.
Eggplant	Anthracnose, Downy Mildew, Phomopsis Blight, Leaf Spots, Early Blight(<i>Alternaria</i>).	(19-25) – 75	7 – 10	Apply to either plant beds for field before diseases appear. Repeat at 7 to 10 days intervals.
Lettuce	Anthracnose, Downy Mildew, Leaf Spot (<i>Cercospora</i>)	(19-25) – 75	7 – 10	Spray before diseases appear. Repeat at 7 to 10 day intervals.
Cucumbers, Melon, Pumpkins, Squash.	Angular Leaf Spot, Anthracnose, Alternaria Leaf Spot, Bacterial Wilt, Downy Mildew, Powdery Mildew, Gummy Stem Blight, Leaf Spot, Scab.	50	7 – 10	Begin treatment when plants begin to vine and repeat every 7 to 10 days. Since the disease is likely to be more serious in high plant populations, spray every 3 to 4 days to protect fruit at all stages of development.
Onions	Downy Mildew, Purple Blotch	75 – 100	7 – 10	Begin when plants are 5 to 6 inches. Repeat at 7 to 10 day intervals.
Peas	Downy Mildew, Leaf Spots	(19-25) – 75	7 – 10	Begin spraying before diseases appear. Repeat at 7 to 10 day intervals.

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

CROP	DISEASE	APPLICATION RATE GM / 20 LT. WATER	SAFETY PERIOD (DAYS)	NOTICE
Peppers	Anthrachnose, Bacterial Spot, Early Blight, Downy Mildew, Cercospora Leaf Spot.	75 – 100	7	Start sprays in seedbed and continue in field at 7 day intervals. Note: Disease control is critical during fruiting.
Potatoes	Early Blight, Late Blight.	75 – 100	7 – 10	Begin when plants emerge. Repeat at 7 to 10 day intervals.
Spinach	Anthrachnose, Downy Mildew, White Rust, Cercospora Leaf Spot.	50 – 100	7 – 10	Begin when disease first appears. Repeat at 7 to 10 day intervals.
Sugar-beets	Cercospora Leaf Spot.	100	7 – 10	Begin when disease first occurs. Repeat every 7 to 10 days.
Tomatoes	Anthrachnose, Bacterial Spot, Bacterial Canker, Early Blight, Late Blight, Leaf Mold, Nailhead Rust, Septoria Leaf Spot, Stemphylium Leaf Spot.	50 – 100	7 – 10	Begin in seedbed or field before disease appears. Repeat at 7 to 10 day intervals.

Hectare = 10000 m²

CAUTION:

Used only on above mentioned crops and follow the recommended safety period before harvest.

RE-ENTRY PERIOD:

24 hours after the last application.

COMPATIBILITY:

Not compatible with highly alkaline pesticides, or with Fenvalerate, Parathion, Chlorpyrifos or Dicloran.

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