

NO	ACTIVE INGREDIENT(S)	CHEMICAL GROUP(S)	CLASS	TARGET CROP(S) AND ORGANISM(S)
1.	Ametoctradin + Dimethomorph	Triazol-pyrimidylamine + Cinnamic acid amide	III	TOMATO: - <i>Phytophthora infestans</i> (Phytophthora blight)
2.	Azoxystrobin	Methoxyacrylate	IV	PADDY: - <i>Magnaporthe oryzae</i> (Neck rot / Blast) - <i>Rhizoctonia solani</i> (Sheath blight) CARAMBOLA, PAPAYA, ROSE APPLE, MANGO: - <i>Colletotrichum gloeosporioides</i> (Fruit anthracnose) CHILLI: - <i>Colletotrichum capsici</i> (Anthracnose) WATER CONVULVULUS: - <i>Albugo ipomoeae-panduratae</i> (White blister) BRASSICA: - <i>Rhizoctonia solani</i> (Leaf blight)

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight)
3.	Azoxystrobin + Difenoconazole	Methoxyacrylate + Triazole	II	<p>CHILLI, WATERMELON:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Anthracnose) <p>MAIZE:</p> <ul style="list-style-type: none"> - <i>Helminthosporium</i> sp. (Leaf spot/bird's eye spot) <p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>WATER CONVULVULUS:</p> <ul style="list-style-type: none"> - <i>Albugo ipomoeae-panduratae</i> (White rust) <p>PADDY:</p> <ul style="list-style-type: none"> - <i>Helminthosporium oryzae</i> (Brown spot) - <i>Magnaporthe oryzae</i> (Neck rot / Blast) - <i>Rhizoctonia solani</i> (Sheath blight)

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<p>OKRA:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot) <p>CHINESE KALE:</p> <ul style="list-style-type: none"> - <i>Alternaria brassicae</i> (Leaf spot) <p>FRENCH BEAN:</p> <ul style="list-style-type: none"> - <i>Uromyces</i> sp. (Rust) <p>MANGO:</p> <ul style="list-style-type: none"> - <i>Alternaria mangiferae</i> (Flower blight) - <i>Colletotrichum gloeosporioides</i> (Anthracnose)
4.	Benalaxyl + Mancozeb	Acylalanine + Dithiocarbamate	IV	<p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight)
5.	Benomyl	Benzimidazole	IV	<p>PINEAPPLE:</p> <ul style="list-style-type: none"> - <i>Thielaviopsis paradoxa</i> (Stem rot) <p>PADDY:</p>

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<ul style="list-style-type: none"> - <i>Magnaporthe oryzae</i> (Neck rot / Blast) - <i>Cercospora oryzae</i> (Narrow brown leaf spot) - <i>Rhizoctonia solani</i> (Sheath blight) - <i>Sclerotium rolfsii</i> (Seedling blight / stem rot) <p>PAPAYA:</p> <ul style="list-style-type: none"> - <i>Colletotrichum gloeosporioides</i> (Anthracnose) <p>GROUNDNUT:</p> <ul style="list-style-type: none"> - <i>Cercospora arachidicola</i> (Leaf spot) <p>BRASSICA:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Anthracnose) <p>BLACK PEPPER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum piperis</i> (Fruit anthracnose) - <i>Marasmiellus equicrins</i> (Thread blight) <p>MANGO:</p> <ul style="list-style-type: none"> - <i>Colletotrichum gloeosporioides</i> (Anthracnose)
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				<p>ORCHID:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot) - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Phytophthora palmivora</i> (Black rot) <p>BANANA:</p> <ul style="list-style-type: none"> - <i>Mycosphaerella musicola</i> (Sigatoka leaf spot) <p>TURF:</p> <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> (Brown patch) <p>STRAWBERRY:</p> <ul style="list-style-type: none"> - <i>Botrytis cinerea</i> (Botrytis blight) - <i>Sphaerotheca</i> sp. (Powdery mildew) <p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> (Collar rot)
6.	Bordeaux mixture	Inorganic	III	<p>MANGO:</p> <ul style="list-style-type: none"> - <i>Colletotrichum gloeosporioides</i> (Anthracnose)

				CITRUS: - <i>Meliola citricola</i> (Black mold)
7.	Captan	Phthalimide	IV	ORCHID: - <i>Botrytis cinerea</i> (Botrytis blight) - <i>Cercospora dendrobii</i> (Leaf spot) - <i>Sclerotium rolfsii</i> (Root /collar rot) STRAWBERRY: - <i>Mycosphaerella fragariae</i> (Leaf spot) TOMATO: - <i>Alternaria solani</i> (Alternaria blight) - <i>Phytophthora infestans</i> (Phytophthora blight) CHILLI, GROUNDNUT, PADDY: - Seedling damping-off (<i>Pythium</i> sp.)
8.	Carbendazim	Benzimidazole	IV	BLACK PEPPER: - <i>Cephaleuros virescens</i> (Parasitic algal) - <i>Colletotrichum piperis</i> (Fruit anthracnose)

				<p>MANGO:</p> <ul style="list-style-type: none"> - <i>Botryodiplodia theobromae</i> (Stem end rot) <p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot) - <i>Colletotrichum</i> sp. (Fruit anthracnose) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria</i> sp. (Alternaria blight) - <i>Botrytis</i> sp. (Gray mold) - <i>Cladosporium fulvum</i> (Leaf mold) - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Erysiphe</i> sp. (Powdery mildew) <p>PADDY:</p> <ul style="list-style-type: none"> - <i>Cercospora oryzae</i> (Narrow brown spot) - <i>Magnaporthe oryzae</i> (Neck rot / blast) - <i>Rhizoctonia solani</i> (Sheath blight) <p>ONION:</p> <ul style="list-style-type: none"> - <i>Alternaria porri</i> (Purple patch)
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				<p>FRENCH BEAN:</p> <ul style="list-style-type: none"> - <i>Cercospora canescens</i> (Leaf spot) - <i>Colletotrichum lindemuthianum</i> (Anthracnose) <p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Cercospora canescens</i>, <i>Cercospora</i> sp. (Leaf spot) - <i>Colletotrichum lindemuthianum</i>, <i>Colletotrichum</i> sp. (Fruit anthracnose) <p>WATERMELON:</p> <ul style="list-style-type: none"> - <i>Colletotrichum lagenarium</i> (Anthracnose) - <i>Erysiphe cichoracearum</i> (Powdery mildew) - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Cercospora citrullina</i> (Leaf spot) - <i>Erysiphe cichoracearum</i> (Powdery mildew) - <i>Rhizoctonia solani</i> (Collar rot)
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9.	Carbendazim + Tetraconazole	Benzimidazole + Triazole	II	PADDY: - <i>Rhizoctonia solani</i> (Sheath blight)
10.	Chlorothalonil	Chloronitrile	III	WATERMELON, CUCUMBER: - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Pseudoperonospora</i> sp. (Downy mildew) ONION: - <i>Alternaria porri</i> (Purple patch) - <i>Peronospora</i> sp. (Downy mildew) CHILLI: - <i>Cercospora</i> sp. (Leaf spot) - <i>Colletotrichum</i> sp. (Fruit anthracnose) FRENCH BEAN, LONG BEAN: - <i>Colletotrichum lindemuthianum</i> (Anthracnose) - <i>Uromyces</i> sp. (Rust) CABBAGE: - <i>Alternaria</i> sp. (Leaf spot) - <i>Peronospora</i> sp. (Downy mildew)

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<p>ROSE:</p> <ul style="list-style-type: none"> - <i>Diplocarpon rosae</i> (Black spot) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria solani</i> (Alternaria blight) - <i>Phytophthora infestans</i> (Phytophthora blight) <p>BLACK PEPPER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Anthracnose) <p>BANANA:</p> <ul style="list-style-type: none"> - <i>Mycosphaerella musicola</i> (Sigatoka leaf spot)
11.	Chlorothalonil + Oxadixyl	Chloronitrile + Oxazolidinone	III	<p>WATERMELON, CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Pseudoperonospora</i> sp. (Downy mildew) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria solani</i> (Alternaria blight) - <i>Phytophthora infestans</i> (Phytophthora blight)
12.	Copper hydroxide	Inorganic	III	<p>CARAMBOLA:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot)

				<p>BLACK PEPPER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Corticium salmonicolor</i> (Pink disease) - <i>Phytophthora piperis</i> (Collar rot) - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Elsinoe fawcetti</i> (Scab) - <i>Fusarium</i> sp. (Root rot) - <i>Mycosphaerella citri</i> (Greasy spot) - <i>Xanthomonas citri</i> (Bacterial canker) <p>MANGO:</p> <ul style="list-style-type: none"> - <i>Colletotrichum gloeosporioides</i> (Anthracnose) - <i>Elsinoe fawcetti</i> (Scab) - <i>Fusarium</i> sp. (Root rot) - <i>Mycosphaerella citri</i> (Greasy spot) - <i>Xanthomonas</i> sp. (Bacterial blight) <p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Choanephora cucurbitarum</i> (Shoot blight)
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LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<ul style="list-style-type: none"> - <i>Colletotrichum capsici</i> (Anthracnose) - <i>Phytophthora capsici</i> (Leaf blight / root rot / fruit rot) <p>FRENCH BEAN:</p> <ul style="list-style-type: none"> - <i>Choanephora</i> sp. (Fruit rot) - <i>Pseudomonas</i> sp., <i>Xanthomonas</i> sp. (Bacterial blight) - <i>Uromyces appendiculatus</i> (Rust) <p>CABBAGE:</p> <ul style="list-style-type: none"> - <i>Xanthomonas campestris</i> (Black rot) <p>CARROT:</p> <ul style="list-style-type: none"> - <i>Phytophthora</i> sp. (Pytophthora blight) <p>WATERMELON, CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria</i> sp. (Alternaria blight) - <i>Didymella bryoniae</i> (Gummy stem blight)
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				<ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight) - <i>Septoria lycopersici</i> (Septoria leaf spot) - <i>Xanthomonas campestris</i> (Bacterial leaf spot)
13.	Copper hydroxide + Copper oxychloride	Inorganic	III	<p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight) <p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Colletotrichum capsici</i> (Anthracnose) <p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Pseudoperonospora cubensis</i> (Downy mildew)
14.	Copper oxychloride	Inorganic	III	<p>CARAMBOLA:</p> <ul style="list-style-type: none"> - <i>Cercospora averrhoae</i> (Leaf spot) <p>LONG BEAN:</p> <ul style="list-style-type: none"> - <i>Colletotrichum lindemuthianum</i> (Anthracnose) <p>TOBACCO:</p> <ul style="list-style-type: none"> - <i>Cercospora nicotianae</i> (Frog eye leaf spot)

				- BLACK PEPPER: - <i>Phytophthora palmivora</i> (Collar rot)
15.	Copper sulfate pentahydrate	Inorganic	IV	MANGO: - <i>Phytophthora</i> sp. (Phytophthora blight) SUGARCANE: - <i>Thielaviopsis</i> sp. (Stem rot)
16.	Cupric hydroxide	Inorganic	III	CHILLI: - <i>Choanephora cucurbitarum</i> (Shoot blight) - <i>Colletotrichum capsici</i> (Anthracnose) - <i>Phytophthora capsici</i> (Fruit rot) - <i>Xanthomonas</i> sp. (Bacterial leaf spot) FRENCH BEAN: - <i>Pseudomonas</i> sp., <i>Xanthomonas phaseoli</i> (Bacterial blight) CABBAGE: - <i>Xanthomonas campestris</i> (Black rot)

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<p>CITRUS:</p> <ul style="list-style-type: none"> - <i>Mycosphaerella citri</i> (Greasy spot) - <i>Phytophthora</i> sp. (Root rot) <p>MANGO:</p> <ul style="list-style-type: none"> - <i>Colletotrichum gloeosporioides</i> (Anthracnose) <p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum lagenarium</i> (Anthracnose) - <i>Pseudomonas lachrymans</i> (Angular leaf spot) - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria solani</i> (Alternaria blight) - <i>Phytophthora infestans</i> (Phytophthora blight)
17.	Cuprous oxide	Inorganic	II	<p>COFFEE:</p> <ul style="list-style-type: none"> - <i>Hemileia vastatrix</i> (Leaf rust) <p>BLACK PEPPER:</p> <ul style="list-style-type: none"> - <i>Corticium salmonicolor</i> (Pink disease)

				CITRUS: - <i>Elsinoe fawcetti</i> (Scab)
18.	Cymoxanil + Mancozeb	Cyanoacetamide oxime + Dithiocarbamate	IV	ONION: - <i>Peronospora</i> sp. (Downy mildew) TARO: - <i>Phytophthora colocasiae</i> (Leaf blight) CABBAGE: - <i>Cercospora</i> sp. (Leaf spot) - <i>Peronospora</i> sp. (Downy mildew) WATERMELON, CUCUMBER: - <i>Pseudoperonospora</i> sp. (Downy mildew) TOMATO: - <i>Alternaria</i> sp. (Alternaria blight) - <i>Phytophthora</i> sp. (Phytophthora blight)
19.	Difenoconazole	Triazole	III	PADDY: - <i>Helminthosporium oryzae</i> (Brown spot)

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				<ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> (Leaf blight) - <i>Rynchosporium oryzae</i> (Leaf damping-off) <p>MANGO:</p> <ul style="list-style-type: none"> - <i>Colletotrichum gloeosporioides</i> (Anthracnose) - <i>Oidium mangiferae</i> (Powdery mildew) <p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Sphaerotheca fuliginea</i> (Powdery mildew) - <i>Colletotrichum lagenarium</i> (Anthracnose) <p>FRENCH BEAN:</p> <ul style="list-style-type: none"> - <i>Alternaria</i> sp., <i>Cercospora</i> sp. (Leaf spot) - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Erysiphe poligoni</i> (Powdery mildew) - <i>Uromyces appendiculatus</i> (Rust) <p>BRASSICA, DURIAN:</p> <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> (Rhizoctonia rot)
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				<p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria solani</i> (Alternaria blight) <p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Cercospora capsici</i> (Leaf spot) - <i>Colletotrichum capsici</i> (Anthracnose)
20.	Difenoconazole + Propiconazole	Triazole	III	<p>PADDY:</p> <ul style="list-style-type: none"> - <i>Helminthosporium oryzae</i> (Brown spot) - <i>Rhizoctonia solani</i> (Leaf blight) - <i>Rynchosporium oryzae</i> (Leaf damping-off)
21.	Dimethomorph	Cinnamic acid amide	III	<p>DURIAN:</p> <ul style="list-style-type: none"> - <i>Phytophthora palmivora</i> (Stem canker) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight) <p>HONEYDEW, CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Pseudoperonospora cubensis</i> (Downy mildew)
22.	Dimethomorph + Mancozeb	Cinnamic acid amide	IV	<p>TOMATO:</p>

		+ Dithiocarbamate		- <i>Phytophthora infestans</i> (Phytophthora blight) HONEYDEW: - <i>Pseudoperonospora cubensis</i> (Downy mildew)
23.	Epoxiconazole	Triazole	III	PADDY: - <i>Rhizoctonia solani</i> , <i>Corticium sasakii</i> (Sheath blight) BANANA: - <i>Mycosphaerella</i> sp. (Sigatoka leaf spot)
24.	Epoxiconazole + Carbendazim	Triazole + Benzimidazole	III	PADDY: - <i>Magnaporthe oryzae</i> (Neck rot / Blast) - <i>Rhizoctonia solani</i> (Sheath blight)
25.	Etridiazole	Heteroaromatic	III	VEGETABLES, ORNAMENTAL PLANTS: - <i>Phytophthora</i> sp. (Seedling damping-off) - <i>Phytophthora</i> sp. (Collar rot) - <i>Pythium</i> sp. (Seedling damping-off / root rot)
26.	Famoxadone + Cymoxanil	Oxazolidinedione	III	WATERMELON, CUCUMBER:

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		+ Cyanoacetamide oxime		<ul style="list-style-type: none"> - <i>Pseudoperonospora cubensis</i> (Downy mildew) TOMATO: <ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight)
27.	Fenbuconazole	Triazole	IV	PADDY: <ul style="list-style-type: none"> - <i>Helminthosporium oryzae</i> (Brown spot) - <i>Rhizoctonia solani</i> (Leaf blight)
28.	Fenpropimorph	Morpholine	III	BANANA: <ul style="list-style-type: none"> - <i>Mycosphaerella</i> sp. (Sigatoka leaf spot)
29.	Flutolanil	Phenylbenzamide	IV	PADDY, DURIAN, BRASSICA: <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> (Leaf blight) TURF: <ul style="list-style-type: none"> - <i>Marasmius</i> sp. (Fairy ring) - <i>Rhizoctonia solani</i> (Brown patch)
30.	Fosetyl-aluminium	Phosphonate	IV	DURIAN, CITRUS, POMELO: <ul style="list-style-type: none"> - <i>Phytophthora palmivora</i> (Stem canker / Die-back)
31.	Hexaconazole	Triazole	IV	COFFEE:

				<ul style="list-style-type: none"> - <i>Hemileia vastatrix</i> (Leaf rust) <p>LONG BEAN:</p> <ul style="list-style-type: none"> - <i>Uromyces vignae</i> (Rust) <p>ROSE:</p> <ul style="list-style-type: none"> - <i>Sphaerotheca pannosa</i> (Powdery mildew) <p>BRASSICA:</p> <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> (Rhizoctonia rot) <p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Erysiphe cichoracearum</i> (Powdery mildew) <p>CITRUS:</p> <ul style="list-style-type: none"> - <i>Rigidoporous lignosus</i> (White root disease) <p>PADDY, DURIAN:</p> <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> (Sheath / leaf blight)
32.	Iprodione	Dicarboximide	IV	<p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Alternaria</i> sp. (Leaf spot) <p>CHILLI, EGGPLANT:</p> <ul style="list-style-type: none"> - <i>Botrytis cinerea</i> (Botrytis blight)

				<p>ROSE, TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria</i> sp. (Leaf spot) - <i>Botrytis cinerea</i> (Botrytis blight) <p>CABBAGE:</p> <ul style="list-style-type: none"> - <i>Alternaria brassicae</i> (Leaf spot) - <i>Alternaria solani</i> (Alternaria blight) <p>PADDY:</p> <ul style="list-style-type: none"> - <i>Helminthosporium oryzae</i> (Brown spot) - <i>Rhizoctonia solani</i> (Leaf blight) <p>CITRUS:</p> <ul style="list-style-type: none"> - <i>Alternaria alternata</i> (Brown spot) <p>TURF:</p> <ul style="list-style-type: none"> - <i>Fusarium</i> sp. (fusarium blight) - <i>Helminthosporium</i> sp. (Leaf spot) - <i>Rhizoctonia solani</i> (Brown patch)
33.	Isoprothiolane	Dithiolane	III	PADDY:

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				- <i>Magnaporthe oryzae</i> (Stalk rot / Blast)
34.	Isoprothiolane + Flutolanil	Dithiolane + Phenylbenzamide	IV	TURF: - <i>Rhizoctonia solani</i> (Brown patch) - <i>Marasmius</i> sp. (Fairy ring)
35.	Kresoxim-methyl	Oximinoacetate	IV	CUCUMBER: - <i>Pseudoperonospora cubensis</i> (Downy mildew)
36.	Mancozeb	Dithiocarbamate	IV	CHILLI: - <i>Colletotrichum capsici</i> (Anthracnose) - <i>Phytophthora infestans</i> (Phytophthora blight) LONG BEAN: - <i>Cercospora canescens</i> (Leaf spot) - <i>Uromyces appendiculatus</i> (Rust) PUMPKIN: - <i>Colletotrichum lagenarium</i> (Anthracnose) - <i>Phytophthora infestans</i> (Phytophthora blight) - <i>Pseudoperonospora cubensis</i> (Downy mildew)

			<p>CITRUS:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot) - <i>Colletotrichum gloeosporioides</i> (Fruit rot) <p>MANGO:</p> <ul style="list-style-type: none"> - <i>Cercospora mangiferae</i> (Leaf spot) - <i>Colletotrichum gloeosporioides</i> (Anthracnose) <p>BANANA:</p> <ul style="list-style-type: none"> - <i>Mycosphaerella</i> sp. (Sigatoka leaf spot) <p>WATERMELON, CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum lagenarium</i> (Anthracnose) - <i>Phytophthora infestans</i> (Phytophthora blight) - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Colletotrichum coccodes</i> (Black point) - <i>Phytophthora infestans</i> (Phytophthora blight) <p>BRASSICA, SPINACH:</p>
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LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<ul style="list-style-type: none"> - <i>Cercospora brassicicola</i> (Leaf spot) - <i>Colletotrichum higginsianum</i> (Anthracnose) - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>ORCHID, ROSE:</p> <ul style="list-style-type: none"> - <i>Cercospora dendrobii</i> (Leaf spot) - <i>Colletotrichum gloeosporioides</i> (Anthracnose)
37.	Mancozeb + Carbendazim	Dithiocarbamate + Benzimidazole	IV	<p>GARLIC:</p> <ul style="list-style-type: none"> - <i>Stemphylium vesicarium</i> (Leaf spot) <p>GROUNDNUT:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot) - <i>Puccinia arachidis</i> (Leaf rust) <p>PADDY:</p> <ul style="list-style-type: none"> - <i>Helminthosporium oryzae</i> (Brown spot) - <i>Magnaporthe oryzae</i> (Stalk rot / Blast) <p>WATERMELON, CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Anthracnose)

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				EGGPLANT: - <i>Phomopsis vexans</i> (Fruit rot)
38.	Mancozeb + Oxadixyl	Dithiocarbamate + Oxazolidinone	IV	TOMATO: - <i>Phytophthora infestans</i> (Phytophthora blight)
39.	Maneb	Dithiocarbamate	IV	WATERMELON: - <i>Colletotrichum lagenarium</i> (Anthracnose) PAPAYA, MANGO: - <i>Colletotrichum gloeosporioides</i> (Anthracnose) CITRUS: - <i>Cephaleuros virescens</i> (Leaf rust) - <i>Meliola citricola</i> (Leaf mold) SPINACH: - <i>Cercospora</i> sp. (Leaf spot) CHILLI: - <i>Cercospora</i> sp. (Leaf spot) - <i>Colletotrichum</i> sp. (Anthracnose) FRENCH BEAN, LONG BEAN:

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<ul style="list-style-type: none"> - <i>Ascochyta phaseolorum</i> (Leaf spot) BRASSICA: - <i>Alternaria brassicicola</i> (Leaf spot) - <i>Cercospora brassicicola</i> (Leaf spot) - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Peronospora parasitica</i> (Downy mildew) PUMPKIN: - <i>Colletotrichum lagenarium</i> (Anthracnose) - <i>Erysiphe cichoracearum</i> (Powdery mildew) - <i>Phytophthora</i> sp. (Seedling damping-off / root rot) ORCHID: - <i>Alternaria</i> sp. (Leaf spot) - <i>Cercospora dendrobii</i> (Leaf spot) - <i>Colletotrichum gloeosporioides</i> (Anthracnose) - <i>Helminthosporium</i> sp. (Leaf spot) - <i>Phyllosticia</i> sp. (Leaf spot)
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LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<p>EGGPLANT:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Phytophthora</i> sp. (Root rot) <p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum lagenarium</i> (Anthracnose) - <i>Phytophthora</i> sp. (Seedling damping-off / root rot) - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria solani</i> (Alternaria blight) - <i>Colletotrichum capsici</i> (Anthracnose) - <i>Phytophthora infestans</i> (Phytophthora blight) - <i>Stemphylium</i> sp. (Gray spot)
40.	Mepronil	Phenylbenzamide	IV	<p>PADDY:</p> <ul style="list-style-type: none"> - <i>Rhizoctonia solani</i> (Sheath blight) <p>LONG BEAN:</p> <ul style="list-style-type: none"> - <i>Uromyces vignae</i> (Rust)
41.	Metalaxyl	Acylalanine	III	<p>DURIAN:</p>

				- <i>Phytophthora palmivora</i> (Collar rot / stem canker)
42.	Metalaxyl + Mancozeb	Acylalanine + Dithiocarbamate	III	<p>CUCUMBER, PUMPKIN:</p> <ul style="list-style-type: none"> - <i>Phytophthora</i> sp. (Root rot / seedling damping off) - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>ROSE, ORCHID:</p> <ul style="list-style-type: none"> - <i>Rhizoctonia</i> sp. (Root rot / stem rot) - <i>Cercospora</i> sp. (Leaf spot) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Colletotrichum capsici</i> (Anthracnose) - <i>Phytophthora infestans</i> (Phytophthora blight) - <i>Septoria lycopersici</i> (Septoria leaf spot) <p>SPINACH:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot) <p>BRASSICA:</p> <ul style="list-style-type: none"> - <i>Alternaria brassicae</i> (Leaf spot) - <i>Peronospora</i> sp. (Downy mildew)

				<p>ONION:</p> <ul style="list-style-type: none"> - <i>Peronospora</i> sp. (Downy mildew) <p>GROUNDNUT:</p> <ul style="list-style-type: none"> - <i>Cercospora arachidicola</i> (Leaf spot) <p>CITRUS:</p> <ul style="list-style-type: none"> - <i>Alternaria citri</i> (Brown spot / fruit rot)
43.	Metalaxyl-M + Chlorothalonil	Acylalanine + Phtalimide	III	<p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight) <p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Pseudoperonospora cubensis</i> (Downy mildew)
44.	Metalaxyl-M + mancozeb	Acylalanine + Dithiocarbamate	III	<p>BRASSICA:</p> <ul style="list-style-type: none"> - <i>Peronospora parasitica</i> (Downy mildew) <p>WATERMELON, CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight)

45.	Metiram	Alkylenebis (Dithiocarbamates)	IV	LONG BEAN: - <i>Colletotrichum lindemuthianum</i> (Anthracnose) - <i>Uromyces appendiculatus</i> (Rust) TOMATO : - <i>Phytophthora infestans</i> (Phytophthora blight) - <i>Alternaria</i> sp.(Alternaria blight) ROSE: - <i>Diplocarpon rosae</i> (Black spot)
46.	Metominostrobin	Oximinoacetamide	III	<i>Puccinia horiana</i> (White rust)
47.	Myclobutanil	Triazole	III	FRENCH BEAN, LONG BEAN: - <i>Uromyces</i> sp. (Rust)
48.	Oxine-copper	-	III	CUCUMBER:

				- <i>Pseudoperonospora cubensis</i> (Downy mildew)
49.	Oxycarboxin	Oxathiincaboxamide	III	FRENCH BEAN, LONG BEAN: - <i>Uromyces appendiculatus</i> (Rust)
50.	Pencycuron	Phenylurea fungicide	IV	BRASSICA, DURIAN, PADDY: - <i>Rhizoctonia solani</i> (Leaf / sheath blight)
51.	Picoxystrobin + cyproconazole	Methoxyacrylate + Triazole	III	PADDY: - <i>Rhizoctonia solani</i> (Sheath blight) - <i>Helminthosporium oryzae</i> (Brown spot) - <i>Cercospora oryzae</i> (Narrow brown spot) - <i>Magnaporthe oryzae</i> (Neck rot / rust)
52.	Potassium phosphonate	Phosphonate	III	CITRUS: - <i>Phytophthora parasitica</i> (Phytophthora blight)
53.	Prochloraz	Imidazole	III	BLACK PEPPER: - <i>Colletotrichum</i> sp. (Anthracnose) PAPAYA:

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<ul style="list-style-type: none"> - <i>Botryodiplodia theobromae</i> (Stem end rot) - <i>Colletotrichum gloeosporioides</i> (Anthracnose) <p>CITRUS:</p> <ul style="list-style-type: none"> - <i>Alternaria</i> sp. (Fruit rot) - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Penicillium</i> sp. (Green mold) <p>BANANA:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Anthracnose) - <i>Fusarium</i> sp. (Fusarium wilt) - <i>Verticillium</i> sp. (Wilting)
54.	Prochloraz manganese chloride	Imidazole	III	<p>GUAVA:</p> <ul style="list-style-type: none"> - <i>Penicillium vermoesenii</i> (Penicillium wilt)
55.	Prochloraz zinc complex	Imidazole	III	<p>BLACK PEPPER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum piperis</i> (Black fruit) <p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Colletotrichum capsici</i> (Anthracnose) <p>GUAVA, PAPAYA, MANGO:</p>

				<ul style="list-style-type: none"> - <i>Botryosphaeria</i> sp. (Brown fruit rot) <p>MANGO, PAPAYA:</p> <ul style="list-style-type: none"> - <i>Colletotrichum gloeosporioides</i> (Anthracnose) <p>CITRUS:</p> <ul style="list-style-type: none"> - <i>Alternaria</i> sp. (Fruit rot) - <i>Colletotrichum gloeosporioides</i> (Anthracnose) - <i>Diplodia</i> sp. (Fruit rot) - <i>Penicillium</i> sp. (Green mold) <p>BANANA:</p> <ul style="list-style-type: none"> - <i>Botryosphaeria</i> sp. (Brown fruit rot) - <i>Fusarium</i> sp. (Fusarium wilt) - <i>Verticillium</i> sp. (Wilting)
56.	Propamocarb + Fosetyl	Carbamates fungicide + Phosphonate	III	<p>CHILLI, LONG BEAN, BRASSICA, EGGPLANT, CUCUMBER, TOMATO:</p> <ul style="list-style-type: none"> - <i>Pythium</i> sp. (Seedling damping off) <p>WATERMELON, HONEYDEW, CUCUMBER:</p>

				<ul style="list-style-type: none"> - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight)
57.	Propamocarb hydrochloride	Carbamate fungicide	IV	<p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Pythium ultimum</i> (Seedling damping off) <p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Phytophthora</i> sp. (Root rot) - <i>Pythium ultimum</i> (Seedling damping off)
58.	Propamocarb hydrochloride + fluopicolide	Carbamate fungicide + Benzamide fungicide	III	<p>WATERMELON, HONEYDEW:</p> <ul style="list-style-type: none"> - <i>Pseudoperonospora cubensis</i> (Downy mildew) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight)
59.	Propiconazole	Triazole	III	<p>CITRUS:</p> <ul style="list-style-type: none"> - <i>Rigidoporous lignosus</i> (White root disease) <p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Colletotrichum capsici</i> (Anthracnose)

60.	Propiconazole + tricyclazole	Triazole + Triazolobenzothiazole	II	PADDY: - <i>Magnaporthe oryzae</i> (Neck rot / blast)
61.	Propineb	Alkylenebis (Dithiocarbamate)	IV	WATERMELON, CUCUMBER: - <i>Pseudoperonospora cubensis</i> (Downy mildew) - <i>Colletotrichum lagenarium</i> (Anthracnose) BRASSICA: - <i>Peronospora parasitica</i> (Downy mildew) - <i>Alternaria brassicae</i> (Leaf spot) OKRA: - <i>Pseudocercospora</i> sp. (Leaf spot) IXORA FLOWER: - <i>Cercoseptoria ixoriana</i> (Leaf spot) CHILLI: - <i>Cercospora capsici</i> (Leaf spot) - <i>Phytophthora capsici</i> (Leaf blight)

				<p>ORCHID:</p> <ul style="list-style-type: none"> - <i>Curvularia lunata</i> (Leaf / flower spot and flower) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Phytophthora capsici</i> (Phytophthora blight) <p>PAPAYA, BITTER GOURD:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot) <p>FRENCH BEAN, LONG BEAN:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot) - <i>Colletotrichum lindemuthianum</i> (Anthracnose) - <i>Uromyces</i> sp. (Rust) <p>PAK CHOY, EGGPLANT:</p> <ul style="list-style-type: none"> - <i>Curvularia</i> sp. (Leaf spot)
62.	Propineb + Iprovalicarb	Alkylenebis (Dithiocarbamate) + Valinamide carbamate	III	<p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Phytophthora infestans</i> (Phytophthora blight)
63.	Pyraclostrobin	Methoxycarbamate	II	<p>MANGO:</p> <ul style="list-style-type: none"> - <i>Colletotrichum gloeosporioides</i> (Anthracnose)

64.	Sulfur	Inorganic	IV	<p>OKRA, CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Erysiphe cichoracearum</i> (Powdery mildew) <p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Leveillula taurica</i> (Powdery mildew) <p>FRENCH BEAN, LONG BEAN:</p> <ul style="list-style-type: none"> - <i>Oidium arachidis</i> (Powdery mildew) <p>GROUNDNUT:</p> <ul style="list-style-type: none"> - <i>Puccinia arachidis</i> (Leaf rust)
65.	Tebuconazole	Triazole	II	<p>MAIZE:</p> <ul style="list-style-type: none"> - <i>Helminthosporium maydis</i> (Leaf blight) - <i>Puccinia sorghi</i> (Rust) <p>FRENCH BEAN, LONG BEAN:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot) - <i>Uromyces vignae</i> (Rust) <p>BLACK PEPPER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum piperis</i> (Black fruit) <p>CHILLI:</p>

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<ul style="list-style-type: none"> - <i>Colletotrichum capsici</i> (Anthracnose) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Erysiphe poligoni</i> (Powdery mildew) <p>PADDY:</p> <ul style="list-style-type: none"> - <i>Helminthosporium oryzae</i> (Brown spot) - <i>Rhizoctonia solani</i> (Sheath blight) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria solani</i> (Alternaria blight) <p>ORCHID, ROSE:</p> <ul style="list-style-type: none"> - <i>Puccinia horiana</i> (White rust)
66.	Tebuconazole + Pencycuron	Triazole + Pencycuron	IV	<p>TURF:</p> <ul style="list-style-type: none"> - <i>Curvularia</i> sp. (Leaf spot) - <i>Rhizoctonia solani</i> (Brown patch)
67.	Tetraconazole	Triazole	IV	<p>WATERMELON:</p> <ul style="list-style-type: none"> - <i>Erysiphe cichoracearum</i> (Powdery mildew) <p>TOMATO:</p>

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<ul style="list-style-type: none"> - <i>Oidium lycopersici</i> (Rust) <p>ROSE:</p> <ul style="list-style-type: none"> - <i>Sphaerotheca pannosa</i> (Powdery mildew)
68.	Tetraconazole + carbendazim	Triazole + Benzimidazole	III	<p>PADDY:</p> <ul style="list-style-type: none"> - <i>Rhizoctonia</i> sp. (Sheath blight)
69.	Thiophanate-methyl	Thiophanate	III	<p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Cercospora</i> sp. (Leaf spot) - <i>Colletotrichum capsici</i> (Anthracnose) <p>TARO, SWEET POTATO:</p> <ul style="list-style-type: none"> - <i>Ceratocystis fimbriata</i> (Decay mould) <p>BLACK PEPPER:</p> <ul style="list-style-type: none"> - <i>Colletotrichum piperis</i> (Black fruit) <p>ORCHID:</p> <ul style="list-style-type: none"> - <i>Cercospora dendrobii</i> (Leaf spot) <p>CUCUMBER:</p> <ul style="list-style-type: none"> - <i>Erysiphe cichoracearum</i> (Powdery mildew) <p>TOMATO:</p>

				<ul style="list-style-type: none"> - <i>Pseudocercospora fuligena</i> (Black mould) <p>CARAMBOLA:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Anthracnose) <p>PAPAYA:</p> <ul style="list-style-type: none"> - <i>Colletotrichum gloeosporioides</i> (Anthracnose) <p>BANANA:</p> <ul style="list-style-type: none"> - <i>Colletotrichum musae</i> (Fruit Anthracnose)
70.	Thiram	Dimethyldithiocarbamate	III	<p>MAIZE, ORNAMENTAL PLANTS, VEGETABLE SEEDLINGS, TURF:</p> <ul style="list-style-type: none"> - <i>Pythium</i> sp. (Seedling damping off) - <i>Rhizoctonia</i> sp. (Seedling damping off) <p>ORCHID:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Leaf spot / root rot)
71.	Tolclofos-methyl	Chlorophenyl / Nitroaniline	IV	<p>CHILLI, ORCHID:</p> <ul style="list-style-type: none"> - <i>Sclerotium</i> sp. (Root / collar rot)

72.	Triadimefon	Triazole	III	CITRUS: - <i>Rigidoporous lignosus</i> (White root disease)
73.	Triadimenol	Triazole	III	CITRUS: - <i>Rigidoporous lignosus</i> (White root disease) TURF: - <i>Marasmius</i> sp. (Blight / fairy ring) COCONUT: - <i>Marasmiellus</i> sp. (Thread blight)
74.	Tribasic copper sulphate	Inorganic	III	CHILLI: - <i>Colletotrichum capsici</i> (Anthracnose) LONG BEAN: - <i>Uromyces appendiculatus</i> (Rust) CUCUMBER : - <i>Pseudoperonospora cubensis</i> (Downy mildew)

				TOMATO: - <i>Alternaria solani</i> (Alternaria blight)
75.	Tricyclazole	Triazolobenzothiazole	II	PADDY: - <i>Magnaporthe oryzae</i> (Blast / neck rot)
76.	Tridemorph	Morpholine	IV	RUBBER: - <i>Ganoderma pseudoferreum</i> (Red roots) - <i>Phellinus noxius</i> (Brown roots)
77.	Trifloxystrobin	Oximinoacetate	IV	CHILLI: - <i>Choanephora cucurbitarum</i> (Shoot blight) - <i>Colletotrichum capsici</i> (Anthracnose) CUCUMBER: - <i>Peronospora cubensis</i> (Downy mildew) TOMATO: - <i>Phytophthora infestan</i> (Phytophthora blight)
78.	Trifloxystrobin + Tebuconazole	Oximinoacetate + Triazole	IV	CHILLI: - <i>Cercospora capsici</i> (Leaf spot)

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<ul style="list-style-type: none"> - <i>Colletotrichum capsici</i> (Anthracnose) <p>PADDY:</p> <ul style="list-style-type: none"> - <i>Helminthosporium oryzae</i> (Brown spot) - <i>Rhizoctonia</i> sp. (Sheath blight)
80.	Triforine	Piperazine	IV	<i>Puccinia horiana</i> (White rust)
81.	Vinclozolin	Dicarboximide	IV	<p>ORNAMENTAL PLANTS:</p> <ul style="list-style-type: none"> - <i>Botrytis cinerea</i> (Gray mold)
82.	Zineb	Alkylenebis (Dithiocarbamate)	IV	<p>FRENCH BEAN, LONG BEAN:</p> <ul style="list-style-type: none"> - <i>Colletotrichum lindemuthianum</i> (Anthracnose) - <i>Uromyces appendiculatus</i> (Rust) <p>CABBAGE:</p> <ul style="list-style-type: none"> - <i>Alternaria brassicicola</i> (Leaf spot) - <i>Peronospora parasitica</i> (Downy mildew) <p>ORCHID:</p>

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				<ul style="list-style-type: none"> - <i>Colletotrichum gloeosporioides</i> (Anthracnose) <p>ROSE:</p> <ul style="list-style-type: none"> - <i>Phragmidium mucronatum</i> (Rust) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria solani</i> (Alternaria blight) - <i>Phytophthora infestans</i> (Phytophthora blight) - <i>Septoria lycopersici</i> (Septoria leaf spot)
83.	Ziram	Dimethyldithiocarbamate	IV	<p>CHINESE CABBAGE:</p> <ul style="list-style-type: none"> - <i>Alternaria brassicae</i> (Leaf spot) <p>ONION, GARLIC:</p> <ul style="list-style-type: none"> - <i>Alternaria porri</i> (Purple spot) <p>CHILLI:</p> <ul style="list-style-type: none"> - <i>Colletotrichum</i> sp. (Anthracnose) <p>TOMATO:</p> <ul style="list-style-type: none"> - <i>Alternaria solani</i> (Alternaria blight)

LIST OF APPROVED/RECOMMENDED FUNGICIDES

				- <i>Phytophthora infestans</i> (Phytophthora blight)
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