

Trade Name (active ingredient)	Fungicide Family	Resist. Risk	FRAC code**	Scab	PM*	CAR*	SBFS*	Black/White Rot	Bitter Rot
Scala (pyrimethanil)	AP	High	9	3	—	0	0	0	0
Vanguard (cyprodinil)	AP	High	9	3	1		0	0	0
Topsin M (thiophanate-methyl)	Benzimidazole	High	1	2	2	0	4	4	1
Dithane (mancozeb)	EBDC	Low	M 3	3	0	4	4	3	4
Manzate (mancozeb)	EBDC	Low	M 3	3	0	4	4	3	4
Penncozeb (mancozeb)	EBDC	Low	M 3	3	0	4	4	3	4
Polyram (metiram)	EBDC	Low	M 3	3	0	4	4	3	4
Indar (fenbuconazole)	DMI (SI)	High	3	4	3	4	2	0	0
Procure triflumizole	DMI (SI)	High	3	4	4	4	0	0	0
Rally (myclobutanil)	DMI (SI)	High	3	4	4	4	0	0	0
Vintage, Rubigan (fenarimol)	DMI (SI)	High	3	4	4	4	0	0	0
Tebuzol (tebuconazole)	DMI (SI)	High	3	4	4	4	2	0	0
Topguard (flutriafol)	DMI (SI)	High	3	4	4	4	0	0	0
Inspire Super (difenoconazole + cyprodinil)	DMI (SI) + AP	Med.	3 + 1	4	3	4	4	0	0
Syllit (dodine)	Guanidine	Med.	U 12	2	0	1	1	1	0
Coppers with CAUTION labels	Inorganic	Low	M 1	3	0	0	—	—	—
Coppers with WARNING or DANGER labels	Inorganic	Low	M 1	3	0	0	—	—	—
Sulfur (sulfur)	Inorganic	Low	M 2	2	2	0	1	1	—
Captan, Captec (captan)	Phthalimide	Low	M 4	4	0		3	1	2
Flint (trifloxystrobin)	QoI	High	11	4	4	2	4	3	2
Sovran (kresoxim-methyl)	QoI	High	11	4	4	2	4	3	2
Fontelis (penthiopyrad)	SDHI	High	7	4	3	3	—	—	—
Luna Tranquility (fluopyram + pyrimethanil)	SDHI + AP	Med.	7 + 9	3	3	2	—	—	—
Luna Sensation (fluopyram + trifloxystrobin)	SDHI + QoI	Med.	7 + 9	4	4	3	4	3	2
Merivon (fluxapyroxad + pyraclostrobin)	SDHI + QoI	Med.	7 + 11	4	4	3	4	3	3
Pristine (boscalid + pyraclostrobin)	SDHI + QoI	Med.	7 + 11	4	3	2	4	3	3

* Control ratings: 0 = none, 1 = slight, 2 = fair, 3 = good, 4 = excellent, — = Unknown or does not apply. Adapted from the New England Tree Fruit Management Guide. PM = Powdery Mildew; CAR – Cedar Apple Rust; SBFS – Sooty Blotch / Flyspeck

** FRAC code indicates mode of action. M = multi-site and less risk of resistance.