

Reference Chart for Fungicide Rotation and Resistance Management

Fungicide Group (Number & Name)		Product	Active Ingredient(s)	Phytomobility	Fungicide Group(s)
1	MBC (Methyl Benzimidazole Carbamates)	 Renovo	Thiophanate-methyl	xylem systemic	1
3	DMI (DeMethylation Inhibitors)	Banner Maxx	Propiconazole	xylem systemic	3
		Eagle	Myclobutanil	xylem systemic	3
		Maxtima	Mefentrifluconazole	xylem systemic	3
		Mirage	Tebuconazole	xylem systemic	3
		Premis	Triticonazole	xylem systemic	3
		QP Propiconazole	Propiconazole	xylem systemic	3
		Tourney	Metconazole	xylem systemic	3
		Dedicate	Tebuconazole, Trifloxystrobin	XS, LS	3, 11
		Instrata	Propiconazole, Fludioxonil, Chlorothalonil	XS, C, C	3, 12, M5
		Pendant Pro	Fludioxonil, Propiconazole	C, XS	3, 12
4	PhenylAmides	Subdue Maxx	Metalaxyl-M and S-isomer	xylem systemic	4
7	SDHI (Succinate dehydrogenase Inhibitors)	Cadence	Boscalid	xylem systemic	7
		 Kabuto	Isofetamid	locally systemic	7
		 Penthion	Penthiopyrad	xylem systemic	7
		Posterity	Pydiflumetofen	locally systemic	7
		Velista	Penthiopyrad	xylem systemic	7
		Xzemplar	Fluxapyroxad	xylem systemic	7
		 Polaro	Penthiopyrad, Fluoxastrobin	XS, XS	7, 11
		Instrata II	Benzovindiflupyr, Fludioxonil	LS, C	7, 12
		Honor	Boscalid, Pyraclostrobin	XS, LS	7, 11
		Exteris	Fluopyram, Trifloxystrobin	XS, LS	7, 11
11	QoI (Quinone outside Inhibitors)	Heritage Maxx	Azoxystrobin	xylem systemic	11
		 Disarm	Fluoxastrobin	xylem systemic	11
		Pinpoint	Mandestrobin	xylem systemic	11
		Insignia	Pyraclostrobin	locally systemic	11
		Compass	Trifloxystrobin	locally systemic	11
		 Polaro	Penthiopyrad, Fluoxastrobin	XS, XS	7, 11
		Dedicate	Tebuconazole, Trifloxystrobin	XS, LS	3, 11
		Honor	Boscalid, Pyraclostrobin	XS, LS	7, 11
		Exteris	Fluopyram, Trifloxystrobin	XS, LS	7, 11
12	PP (PhenylPyrroles)	Medallion	Fludioxonil	contact	12
		Pendant	Fludioxonil	contact	12
		Instrata II	Benzovindiflupyr, Fludioxonil	LS, C	7, 12
		Instrata	Propiconazole, Fludioxonil, Chlorothalonil	XS, C, C	3, 12, M5
		Pendant Pro	Fludioxonil, Propiconazole	C, XS	3, 12
19	Polyoxins	Affirm	Polyoxin D zinc salt	locally systemic	19
21	Qil (Quinone inside Inhibitors)	 Segway	Cyazofamid	locally systemic	21
28	Carbamates	Banol	Propamocarb hydrochloride	locally systemic	28
29	Uncoupler of Oxidative Phosphorylation	Secure	Fluazinam	contact	29
PO 7	Phosphonates	Signature XTRA	Fosetyl-AL	phloem/xylem systemic	PO7
		 Phostrol <i>Pro</i>	Mono and dibasic sodium, potassium & ammonium phosphites	phloem/xylem systemic	PO7
M5	Chloronitriles	Daconil 2787	Chlorothalonil	contact	M5
		QP Chlorothalonil	Chlorothalonil	contact	M5
		Instrata	Propiconazole, Fludioxonil, Chlorothalonil	XS, C, C	3, 12, M5
NC	Diverse	Civitas	Mineral oil	xylem systemic	NC
		 Jade	Mineral oil	xylem systemic	NC

Groupe de fongicides (Nombre et nom)		Produit	Matière(s) active(s)	Phytomobilité	Groupe(s) de fongicides
1	MBC (benzimidazole carbamate de méthyle)	 Renovo	Thiophanate-méthyl	xylème systémique	1
3	DMI (Inhibiteurs de diméthylation)	Banner Maxx	Propiconazole	xylème systémique	3
		Eagle	Myclobutanil	xylème systémique	3
		Maxtima	Mefentrifluconazole	xylème systémique	3
		Mirage	Tébuconazole	xylème systémique	3
		Premis	Triticonazole	xylème systémique	3
		QP Propiconazole	Propiconazole	xylème systémique	3
		Tourney	Metconazole	xylème systémique	3
		Dedicate	Tébuconazole, Trifloxystrobin	XS, LS	3, 11
		Instrata	Propiconazole, Fludioxonil, Chlorothalonil	XS, contact, contact	3, 12, M5
		Pendant Pro	Fludioxonil, Propiconazole	contact, XS	3, 12
4	Phénylamides	Subdue Maxx	Métalaxyl-M et S- isomère	xylème systémique	4
7	SDHI (Inhibiteurs de la succinate déshydrogénase)	Cadence	Boscalid	xylème systémique	7
		 Kabuto	Isofétamide	localement systémique	7
		 Penthion	Penthiopyrad	xylème systémique	7
		Posterity	Pydiflumetofen	localement systémique	7
		Velista	Penthiopyrad	xylème systémique	7
		Xzemplar	Fluxapyroxad	xylème systémique	7
		 Polaro	Penthiopyrad, Fluoxastrobin	XS, XS	7, 11
		Instrata II	Benzovindiflupyr, Fludioxonil	LS, contact	7, 12
		Honor	Boscalid, Pyraclostrobin	XS, LS	7, 11
		Exteris	Fluopyram, Trifloxystrobin	XS, LS	7, 11
11	QoI (inhibiteurs externes de la quinone)	Heritage Maxx	Azoxystrobin	xylème systémique	11
		 Disarm	Fluoxastrobin	xylème systémique	11
		Pinpoint	Mandestrobin	xylème systémique	11
		Insignia	Pyraclostrobin	localement systémique	11
		Compass	Trifloxystrobin	localement systémique	11
		 Polaro	Penthiopyrad, Fluoxastrobin	XS, XS	7, 11
		Dedicate	Tebuconazole, Trifloxystrobin	XS, LS	3, 11
		Honor	Boscalid, Pyraclostrobin	XS, LS	7, 11
		Exteris	Fluopyram, Trifloxystrobin	XS, LS	7, 11
12	PP (Phénylpyrroles)	Medallion	Fludioxonil	contact	12
		Pendant	Fludioxonil	contact	12
		Instrata II	Benzovindiflupyr, Fludioxonil	LS, contact	7, 12
		Instrata	Propiconazole, Fludioxonil, Chlorothalonil	XS, contact, contact	3, 12, M5
		Pendant Pro	Fludioxonil, Propiconazole	contact, XS	3, 12
19	Polyoxine	Affirm	Polyoxin D sel de zinc	localement systémique	19
21	Qil (inhibiteurs internes de la quinone)	 Segway	Cyazofamid	localement systémique	21
28	Carbamates	Banol	Propamocarb hydrochloride	localement systémique	28
29	Uncoupler of Oxidative Phosphorylation	Secure	Fluazinam	contact	29
PO7	Phosphonates	Signature XTRA	Fosetyl-AL	phloem/xylème systémique	PO7
		 Phostrol <i>Pro</i>	Phosphites monobasique et dibasique de sodium, de potassium et d’ammonium	phloem/xylème systémique	PO7
M5	Chloronitriles	Daconil 2787	Chlorothalonil	contact	M5
		QP Chlorothalonil	Chlorothalonil	contact	M5
		Instrata	Propiconazole, Fludioxonil, Chlorothalonil	XS, Contact, Contact	3, 12, M5
NC	Divers	Civitas	Huile minérale	xylème systémique	NC
		 Jade	Huile minérale	xylème systémique	NC