

ProteCitrus - Produtos para proteção da Citricultura (*Citrus Protection Products*)

Grade elaborada pelo Comitê Técnico da ProteCitrus, atualizado em 16/12/2024
(List drawn up by the ProteCitrus Technical Committee, updated 12/16/2024)



1. Lista de inseticidas, acaricidas e fungicidas (1- List of insecticides, acaricides and fungicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Abamectina (Abamectin)	Abadin 72 EC	Inseticida e Acaricida (Insecticide and Acaricide)	3,75-7,5 mL/100 L	7	EC	I	II	Cropchem	Avermectina (Avermectin)
Abamectina (Abamectin)	Abamectin 72 EC Nortox	Inseticida e Acaricida (Insecticide and Acaricide)	3,75-7,5 mL/100 L	7	EC	I	II	Nortox	Avermectina (Avermectin)
Abamectina (Abamectin)	Abamectin Nortox	Inseticida e Acaricida (Insecticide and Acaricide)	15,0-30,0 mL/100 L	7	EC	III	III	Nortox	Avermectina (Avermectin)
Abamectina (Abamectin)	Abamectin Nortox 400 WG	Inseticida, Acaricida e Nematicida (Insecticide, Acaricide and Nematicide)	1,35-1,7 g/100L	7	WG	Cat 2	II	Nortox	Avermectina (Avermectin)
Abamectina (Abamectin)	Abamectin Prentiss	Inseticida e Acaricida (Insecticide and Acaricide)	20,0-30,0 mL/100 L	7	EC	I	III	Prentiss	Avermectina (Avermectin)
Abamectina (Abamectin)	Abamex	Inseticida e Acaricida (Insecticide and Acaricide)	20,0 mL/100 L	7	EC	I	III	Sumitomo	Avermectina (Avermectin)
Abamectina (Abamectin)	Abamex BR 18	Inseticida e Acaricida (Insecticide and Acaricide)	20,0 mL/100 L	7	EC	I	III	Sumitomo	Avermectina (Avermectin)

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Abamectina (Abamectin)	Abamex Maxx	Inseticida, Acaricida e Nematicida (Insecticide, Acaricide and Nematicide)	2,75 - 7,5 mL/100L	7	EC	Cat 3	II	Cropchem	Avermectina (Avermectin)
Abamectina (Abamectin)	Acaramik	Inseticida e Acaricida (Insecticide and Acaricide)	15,0-30,0 mL/100 L	7	EC	I	III	Rotam	Avermectina (Avermectin)
Abamectina (Abamectin)	Acarigen	Acaricida e Inseticida (Acaricide and Insecticide)	15,0 - 30,0 mL/1000L	7	EC	Cat 4	III	TecnomyI	Avermectina (Avermectin)
Abamectina (Abamectin)	Banter	Inseticida, Acaricida e Nematicida (Insecticide, Acaricide and Nematicide)	15,0-30,0 mL/100 L	7	EC	I	II	UPL	Avermectina (Avermectin)
Abamectina (Abamectin)	Batent	Inseticida, Acaricida e Nematicida (Insecticide, Acaricide and Nematicide)	15,0-30,0 mL/100 L	7	EC	I	III	UPL	Avermectina (Avermectin)
Abamectina (Abamectin)	Boreal	Inseticida, Acaricida e Nematicida (Insecticide, Acaricide and Nematicide)	10,0-30,0 mL/100 L	7	EC	I	II	Tradecorp	Avermectina (Avermectin)
Abamectina (Abamectin)	Fastmite	Inseticida, Acaricida e Nematicida (Insecticide, Acaricide and Nematicide)	0,75 - 1,25 g/100L	7	WG	Cat 2	II	UPL	Avermectina (Avermectin)
Abamectina (Abamectin)	Grimectin	Inseticida e Acaricida (Insecticide and Acaricide)	15,0-30,0 mL/100 L	7	EC	I	III	Rotam	Avermectina (Avermectin)

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Abamectina (Abamectin)	Mantis 400 WG	Inseticida, Acaricida e Nematicida (Insecticide, Acaricide and Nematicide)	1,35-1,70 g/100L	7	WG	Cat 2	II	Cropchem	Avermectina (Avermectin)
Abamectina (Abamectin)	Pausato	Acaricida e Inseticida (Acaricide and Insecticide)	20,0-30,0 mL/100 L	7	EC	I	III	Sinon	Avermectina (Avermectin)
Abamectina (Abamectin)	Potenza Sinon	Inseticida e Acaricida (Insecticide and Acaricide)	20,0-30,0 mL/100 L	7	EC	I	III	Sinon	Avermectina (Avermectin)
Abamectina (Abamectin)	Potenza Sinon Plus 36 EC	Inseticida e Acaricida (Insecticide and Acaricide)	10,0 - 15,0 mL/100L	7	EC	Cat 4	III	Sinon	Avermectina (Avermectin)
Abamectina (Abamectin)	Rotamik	Inseticida e Acaricida (Insecticide and Acaricide)	20,0-30,0 mL/100 L	7	EC	I	III	Rotam	Avermectina (Avermectin)
Abamectina (Abamectin)	Vertimec 18 EC	Inseticida, Acaricida e Nematicida (Insecticide, Acaricide and Nematicide)	10,0-30,0 mL/100 L	7	EC	III	II	Syngenta	Avermectina (Avermectin)
Abamectina (Abamectin)	Vertimec 84 SC	Inseticida, Acaricida e Nematicida (Insecticide, Acaricide and Nematicide)	4,0-6,0 mL/100 L	7	SC	I	III	Syngenta	Avermectina (Avermectin)
Abamectina + Ciantraniliprole (Abamectin + Cyantraniliprole)	Minecto Pro	Inseticida e Acaricida (Insecticide and Acaricide)	0,1-0,5 L/ha	7	SC	Cat 3	II	Syngenta	Avermectina + Antranilamida (Avermectin + Anthranilamide)
Acetamiprido (Acetamiprid)	Acegol	Inseticida (Insecticide)	3,0 - 7,0 g/100L	3	WG	Cat 4	II	Rainbow	Neonicotinóide (Neonicotinoid)
Acetamiprido (Acetamiprid)	Acetamiprid Nortox 200 SP	Inseticida (Insecticide)	10,0 - 25,0 g/100L	3	SP	Cat 4	II	Nortox	Neonicotinóide (Neonicotinoid)

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Acetamiprido (Acetamiprid)	Carnadine	Inseticida (Insecticide)	25,0 - 35 mL/100L	3	SC	Cat 4	II	Sumitomo	Neonicotinóide (Neonicotinoid)
Acetamiprido (Acetamiprid)	Mospilan WG	Inseticida (Insecticide)	3,0-7,0 g /100 L	3	WG	III	II	Iharabras	Neonicotinóide (Neonicotinoid)
Acetamiprido + Bifentrina (Acetamiprid + Bifenthrin)	Aceway; Flame WG	Inseticida (Insecticide)	8,0 - 12,0 g/100L	21	WG	Cat 4	I	Rainbow	Neonicotinóide + Piretróide (Neonicotinoid + Pyrethroids)
Acetamiprido + Bifentrina (Acetamiprid + Bifenthrin)	Bifentrina A Nortox	Inseticida (Insecticide)	30,0 mL/100L	21	SL	Cat 4	I	Nortox	Neonicotinóide + Piretróide (Neonicotinoid + Pyrethroids)
Acetamiprido + Bifentrina (Acetamiprid + Bifenthrin)	Sperto	Inseticida (Insecticide)	8,0-12,0 g /100 L	21	WG	III	I	UPL	Neonicotinóide + Piretróide (Neonicotinoid + Pyrethroids)
Acetamiprido + Bifentrina (Acetamiprid + Bifenthrin)	Squadra, Stellare, Strideva	Inseticida (Insecticide)	8,0 - 12,0 g/100L	21	WG	Cat 4	I	Perterra	Neonicotinóide + Piretróide (Neonicotinoid + Pyrethroids)
Acetamiprido + Piriproxifem (Acetamiprid + Pyriproxyfen)	Privilege	Inseticida (Insecticide)	2,5-7,5 mL/100 L	14	OD	III	I	Iharabras	Neonicotinóide + Éter piridiloxipropílico (Neonicotinoid + Pyridyloxypropyl ether)
Acetamiprido + Piriproxifem (Acetamiprid + Pyriproxyfen)	Trivor	Inseticida (Insecticide)	4,0 a 10 mL/100L	14		Cat 4	I	Adama	Neonicotinóide + Éter piridiloxipropílico (Neonicotinoid + Pyridyloxypropyl ether)
Alfa-cipermetrina + Teflubenzuron (Alpha-cypermethrin + Teflubenzuron)	Imunit	Inseticida (Insecticide)	20-25 mL/100 L	15	SC	III	II	Basf	Piretróide + Benzoiluréia (Pyrethroids + Benzoylurea)
Azadiractina (Azadirachtin)	AzaMax	Inseticida (Insecticide)	100,0-250,0 mL/100 L	-	EC	III	IV	UPL	Tetranortriterpenóides (Tetranortriterpenoid)
Azadiractina (Azadirachtin)	Azact CE	Inseticida e Fungicida (Insecticide and Fungicide)	4 L/ha	-	EC	II	IV	LAC e Silva Agronegócios	Tetranortriterpenóides (Tetranortriterpenoid)

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Azadiractina (Azadirachtin)	Bioexos	Inseticida e Fungicida (Insecticide and Fungicide)	1,6-3,3 L/ha	s/r	EC	Cat 5	IV	Total Biotecnologia	Tetranortriterpenóides (Tetranortriterpenoid)
Azadiractina (Azadirachtin)	DalNeem EC	Inseticida (Insecticide)	0,29 - 0,7 L/100L	s/r	EC	Cat 5	IV	Dalneem	Tetranortriterpenóides (Tetranortriterpenoid)
Azadiractina (Azadirachtin)	Fitoneem	Inseticida e Fungicida (Insecticide and Fungicide)	1,5 - 3,0 L/ha	s/r	EC	Cat 5	IV	Dalneem	Tetranortriterpenóides (Tetranortriterpenoid)
Azoxistrobina (Azoxystrobin)	Amistar WG	Fungicida (Fungicide)	8,0-16,0 g /100 L	7	WG	IV	II	Syngenta	Estrobilurina (Strobilurin)
Azoxistrobina (Azoxystrobin)	Azox 250 SC	Fungicida (Fungicide)	16,0 - 32,0 mL/100L	07	SC	Cat 5	III	Ascenza	Estrobilurina (Strobilurin)
Azoxistrobina (Azoxystrobin)	Azoxistrobin Nortox	Fungicida (Fungicide)	0,2-0,3 L/ha	7	SC	Cat 5	III	Nortox	Estrobilurina (Strobilurin)
Azoxistrobina (Azoxystrobin)	Quadris	Fungicida (Fungicide)	300,0 - 600,0 mL/ha	7	SC	Cat 5	II	Syngenta	Estrobilurina (Strobilurin)
Azoxistrobina (Azoxystrobin)	Vantigo, Shaman	Fungicida (Fungicide)	8,0-16,0 g /100 L	7	WG	IV	III	Syngenta	Estrobilurina (Strobilurin)
Azoxistrobina + Difenconazol (Azoxystrobin + Difenoconazole)	Avura	Fungicida (Fungicide)	20,0 mL/100L	7	SC	Cat 5	II	Syngenta	Estrobilurina + Triazol (Strobilurin + Triazole)
Azoxistrobina + Difenconazol (Azoxystrobin + Difenoconazole)	Ozean	Fungicida (Fungicide)	400,0 mL/ha	7	SC	Cat 5	II	Helm	Estrobilurina + Triazol (Strobilurin + Triazole)
Azoxistrobina + Difenconazol (Azoxystrobin + Difenoconazole)	Priori Top	Fungicida (Fungicide)	20,0 mL/100 L	7	SC	III	II	Syngenta	Estrobilurina + Triazol (Strobilurin + Triazole)
Azoxistrobina + Difenconazol (Azoxystrobin + Difenoconazole)	Vitene	Fungicida (Fungicide)	13,25 mL/100L	7	SC	Cat 4	II	Sipcam	Estrobilurina + Triazol (Strobilurin + Triazole)
Azoxistrobina + Fludioxonil (Azoxystrobin + Fludioxonil)	Graduate A+	Fungicida (Fungicide)	0,25 - 0,5 L/100 L	-	SC	Cat 4	II	Syngenta	Estrobilurina + Fenilpirrol (Strobilurin + Phenylpyrrole)

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Azoxistrobina + Tebuconazol (Azoxystrobin + Tebuconazole)	Azimut	Fungicida (Fungicide)	30,0-40,0 mL/100 L	20	SC	III	II	Adama	Estrobilurina + Triazol (Strobilurin + Triazole)
Azoxistrobina + Tebuconazol (Azoxystrobin + Tebuconazole)	Helmstar Plus	Fungicida (Fungicide)	0,7 L/ha	20	SC	II	II	Helm	Estrobilurina + Triazol (Strobilurin + Triazole)
Azoxistrobina + Tebuconazol (Azoxystrobin + Tebuconazole)	Ofek-Turbo, Ensis-Turbo	Fungicida (Fungicide)	0,45 - 0,55 L/ha	20	SC	Cat 5	II	Globachem	Estrobilurina + Triazol (Strobilurin + Triazole)
Azoxistrobina + Tebuconazol (Azoxystrobin + Tebuconazole)	Tamiz	Fungicida (Fungicide)	40,0 - 60,0 mL/100L	7		Cat 4	II	Sumitomo	Triazol (Triazole)
Azoxistrobina + Tebuconazol (Azoxystrobin + Tebuconazole)	Teburaz	Fungicida (Fungicide)	30,0 - 40,0 mL/100L	20	SC	Cat 4	II	Ouro Fino	Estrobilurina + Triazol (Strobilurin + Triazole)
Beta-ciflutrina (Beta-cyfluthrin)	Bulldock 125 SC	Inseticida (Insecticide)	50-100 mL/ha	3	SC	II	II	Bayer	Piretróide (Pyrethroids)
Bifentrina (Bifenthrin)	Ariete	Inseticida e Acaricida (Insecticide and Acaricide)	7,5 - 20,0 mL/100L	7	EC	Cat 4	III	Albaugh	Piretróide (Pyrethroids)
Bifentrina (Bifenthrin)	Bifentrina 100 EC Nortox	Inseticida e Acaricida (Insecticide and Acaricide)	7,5-20,0 mL/100 L	7	EC	Cat 4	II	Nortox	Piretróide (Pyrethroids)
Bifentrina (Bifenthrin)	Bistar 100 EC	Inseticida e Acaricida (Insecticide and Acaricide)	7,5 - 20,0 mL/100L	7	EC	Cat 4	III	FMC	Piretróide (Pyrethroids)
Bifentrina (Bifenthrin)	Bitrin 100 EC	Inseticida e Acaricida (Insecticide and Acaricide)	7,5 - 20,0 mL/100L	7	EC	Cat 4	II	Cropchem	Piretróide (Pyrethroids)
Bifentrina (Bifenthrin)	Capture 400 EC, Talstar 400	Inseticida e Acaricida (Insecticide and Acaricide)	90,0 mL/ha	7	EC	Cat 2	II	FMC	Piretróide (Pyrethroids)

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Bifentrina (Bifenthrin)	Cofenrin , Orsa	Inseticida e Acaricida (Insecticide and Acaricide)	5,0 mL/100L	07	EC	Cat 3	II	Rainbow	Piretróide (Pyrethroids)
Bifentrina (Bifenthrin)	Huck	Inseticida e Acaricida (Insecticide and Acaricide)	7,5 - 20,0 mL/100L	7	EC	Cat 4	II	Helm	Piretróide (Pyrethroids)
Bifentrina (Bifenthrin)	Orsa 400 EC; Bifentrina 400 EC Tecnomyl; Bifentrina 400 EC Tecnomyl I; Bifentrina 400 EC Tecnomyl II; Bifentrina 400 EC Tecnomyl III	Inseticida e Acaricida (Insecticide and Acaricide)	2,0 - 5,0 mL/100L	07	EC	Cat 3	II	Tecnomyl	Piretróide (Pyrethroids)
Bifentrina (Bifenthrin)	Seizer 100 EC	Inseticida e Acaricida (Insecticide and Acaricide)	7,5-20,0 mL/100 L	7	EC	III	II	Adama	Piretróide (Pyrethroids)
Bifentrina (Bifenthrin)	Talstar 100 EC	Inseticida e Acaricida (Insecticide and Acaricide)	7,5-20,0 mL/100 L	7	EC	III	III	FMC	Piretróide (Pyrethroids)
Buprofezina (Buprofezin)	Applaud 250	Inseticida e Regulador de Crescimento (Insecticide and Growth Regulator)	100,0-200,0 g/100 L	7	WP	III	III	Nichino	Tiadiazinona (Thiadiazine-type)
Buprofezina (Buprofezin)	Fiera SC	Inseticida (Insecticide)	7,5 - 22,5 mL/100L	07	SC	N/C	III	Nichino	Tiadiazinona (Thiadiazine-type)
Buprofezina (Buprofezin)	Sensei	Inseticida (Insecticide)	7,5-22,5 mL/100 L	7	SC	III	III	Helm	Tiadiazinona (Thiadiazine-type)
Ciantraniliprole (Cyantraniliprole)	Benevia	Inseticida (Insecticide)	0,25 - 0,5 L/ha	7	OD	N/C	III	FMC	Antranilamida (Anthranilamide)
Ciflumetofen (Cyflumetofen)	Obny	Acaricida (Acaricide)	40,0 mL/100 L	7	SC	III	III	UPL	Benzoilacetnitrila (Benzoyl acetronitrile)
Ciflumetofen (Cyflumetofen)	Okay	Acaricida (Acaricide)	40,0 mL/100 L	7	SC	III	III	Iharabras	Benzoilacetnitrila (Benzoyl acetronitrile)
Clorantraniliprole (Chlorantraniliprole)	Premio	Inseticida (Insecticide)	75 - 125 mL/ha	5	SC	N/C	II	FMC	Antranilamida (Anthranilamide)

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Clorantraniliprole (Chlorantraniliprole)	Shenzi 200 SC, Coragen, Coregis	Inseticida (Insecticide)	75 - 125 mL/ha	5	SC	N/C	II	FMC	Antranilamida (Anthranilamide)
Clorantraniliprole + Abamectina (Chlorantraniliprole + Abamectin)	Voliam Targo	Inseticida e Acaricida (Insecticide and Acaricide)	5,0-20,0 mL/100 L	7	SC	II	II	Syngenta	Avermectina + Antranilamida (Avermectin + Anthranilamide)
Clorantraniliprole + Bifentrina (Chlorantraniliprole + Bifenthrin)	Premio Star	Inseticida (Insecticide)	0,2 - 0,3 L/100L	7	SC	Cat 4	II	FMC	Antranilamida + Piretroide (Anthranilamide + Pyrethroids)
Clorantraniliprole + Tiametoxam (Chlorantraniliprole + Thiamethoxam)	Durivo	Inseticida (Insecticide)	1,0-2,0 mL/metro alt. planta	14	SC	III	II	Syngenta	Antranilamida + Neonicotinóide (Anthranilamide + Neonicotinoid)
Cloridrato de formetanato (Formetanate hydrochloride)	Dicarzol 500 SP	Inseticida e Acaricida (Insecticide and Acaricide)	20,0-25,0 g/100 L	21	SP	II	II	Gowan	Metilcarbamato de fenila (N-Methyl Carbamate)
Difenoconazol (Difenoconazole)	Agrotop	Fungicida (Fungicide)	20,0 mL/100L	7	EC	Cat 4	II	Pilarquim	Triazol (Triazole)
Difenoconazol (Difenoconazole)	Cerimônia	Fungicida (Fungicide)	20,0 mL/100L	7	EC	Cat 4	II	Tradecorp	Triazol (Triazole)
Difenoconazol (Difenoconazole)	Curygen EC	Fungicida (Fungicide)	20,0 mL/100 L	7	EC	I	II	Avgust	Triazol (Triazole)
Difenoconazol (Difenoconazole)	Difcor 250 EC	Fungicida (Fungicide)	20,0 mL/100 L	7	EC	I	II	Gowan	Triazol (Triazole)
Difenoconazol (Difenoconazole)	Difenoconazol CCAB 250 EC	Fungicida (Fungicide)	20,0 mL/100L	7	EC	Cat 5	II	CCAB Agro	Triazol (Triazole)
Difenoconazol (Difenoconazole)	Erradik	Fungicida (Fungicide)	20,0 mL/100L	30	EC	Cat 4	II	CHDS do Brasil	Triazol (Triazole)
Difenoconazol (Difenoconazole)	Prisma Plus	Fungicida (Fungicide)	20,0 mL/100 L	7	EC	I	II	Helm	Triazol (Triazole)
Difenoconazol (Difenoconazole)	Score	Fungicida (Fungicide)	20,0 mL/100 L	7	EC	I	II	Syngenta	Triazol (Triazole)
Difenoconazol (Difenoconazole)	Sevare 250 EC	Fungicida (Fungicide)	20,0 mL/100L	7	EC	Cat 5	II	Cropchem	Triazol (Triazole)
Difenoconazol (Difenoconazole)	Volna 250 EC	Fungicida (Fungicide)	20,0 mL/100 L	7	EC	I	II	Avgust	Triazol (Triazole)

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Diflubenzurom (Diflubenzuron)	Atom	Inseticida (Insecticide)	25,0 mL/100 L	30	SC	III	II	Helm	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	Copa	Inseticida (Insecticide)	500,0 g/ha	30	WP	Cat 5	II	Nutrien	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	Diflubenzuron 240 SC Crop	Inseticida e Acaricida (Insecticide and Acaricide)	15,0-50,0 mL/100 L	30	SC	IV	II	Av gust	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	Diflurmax	Inseticida (Insecticide)	25,0 mL/100 L	30	SC	III	II	Helm	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	Dimilin	Inseticida (Insecticide)	500,0 g/ha	30	WP	IV	III	UPL	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	Herold SC	Inseticida e Acaricida (Insecticide and Acaricide)	15,0-50,0 mL/100 L	30	SC	IV	II	Av gust	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	Login	Inseticida (Insecticide)	500,0 g/ha	30	WP	I	II	UPL	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	Micromite 240 SC	Inseticida e Acaricida (Insecticide and Acaricide)	15,0-50,0 mL/100 L	30	SC	III	III	UPL	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	TrulyMax	Inseticida (Insecticide)	500,0 g/ha	30	WP	Cat 5	II	Sinon	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	UnânimeBR	Inseticida (Insecticide)	7,5 a 25 mL/100 L	30	SC	Cat 5	II	Ouro Fino	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	Yazi	Inseticida e Acaricida (Insecticide and Acaricide)	0,5 kg/ha	30	WP	Cat 5	II	Prentiss	Benzoiluréia (Benzoylurea)
Diflubenzurom (Diflubenzuron)	Zutron 250 WP	Inseticida (Insecticide)	0,5 kg/ha	30	WP	Cat 5	II	Cropchem	Benzoiluréia (Benzoylurea)
Enxofre (Sulfur)	Agrothio 800	Acaricida e Fungicida (Acaricide and Fungicide)	500,0-600,0 mL/100 L	s/r	SC	IV	IV	Vittia	Inorgânico (Inorganic)
Enxofre (Sulfur)	Cosavet	Acaricida e Fungicida (Acaricide and Fungicide)	0,2 - 0,5 Kg/100L	s/r	WG	Cat 5	III	SM Agrocare	Inorgânico (Inorganic)

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Enxofre (Sulfur)	Cover DF	Acaricida e Fungicida (Acaricide and Fungicide)	300,0-500,0 g/100 L	s/r	WG	IV	IV	Basf	Inorgânico (Inorganic)
Enxofre (Sulfur)	Defend WDG	Acaricida (Acaricide)	4,0 kg/ha	s/r	WG	IV	IV	Quimetal	Inorgânico (Inorganic)
Enxofre (Sulfur)	Kumulus DF	Acaricida e Fungicida (Acaricide and Fungicide)	300,0-500,0 g/100 L	s/r	WG	III	III	Basf	Inorgânico (Inorganic)
Enxofre (Sulfur)	Kumulus DF-AG	Acaricida e Fungicida (Acaricide and Fungicide)	300,0-500,0 g/100 L	s/r	WG	IV	IV	Basf	Inorgânico (Inorganic)
Enxofre (Sulfur)	Microsulfan 800 PM	Acaricida e Fungicida (Acaricide and Fungicide)	400,0 g/100 L	s/r	WG	IV	IV	Enro	Inorgânico (Inorganic)
Enxofre (Sulfur)	Microthiol Disperss WG	Acaricida (Acaricide)	500,0 g/100 L	s/r	WG	IV	IV	UPL	Inorgânico (Inorganic)
Enxofre (Sulfur)	Sulfur 800	Acaricida (Acaricide)	300,0 mL/100 L	s/r	SC	IV	IV	Stoller	Inorgânico (Inorganic)
Enxofre (Sulfur)	Sulfure 750	Acaricida (Acaricide)	125,0-250,0 mL/100 L	s/r	SC	IV	IV	Vittia	Inorgânico (Inorganic)
Enxofre (Sulfur)	Sulvari	Acaricida e Fungicida (Acaricide and Fungicide)	0,2-0,5 kg/100L	s/r	WG	Cat 5	III	SM Agrocare	Inorgânico (Inorganic)
Espinetoram (Spinetoram)	Delegate	Inseticida (Insecticide)	5,0 - 15,0 g/100L	1	WG	Cat 5	II	Corteva	Espinosinas (Spinosyns)
Espinosade (Spinosad)	Success 0,02 CB	Inseticida (Insecticide)	1,0-1,6 L/ha	14	CB	III	III	Corteva	Espinosinas (Spinosyns)
Espinosade (Spinosad)	Tracer	Inseticida (Insecticide)	10,0-15,0 mL/100 L	14	SC	III	III	Corteva	Espinosinas (Spinosyns)
Espirodiclofeno (Spirodiclofen)	Braver	Acaricida (Acaricide)	20,0 - 25,0 mL/100 L	21	SC	Cat 5	III	Rotam	Cetoenol (Ketoenols)
Espirodiclofeno (Spirodiclofen)	Cloud	Acaricida (Acaricide)	20,0 - 25,0 mL/100L	21	SC	Cat 5	III	Ascenza	Cetoenol (Ketoenols)

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Espirodiclofeno (Spirodiclofen)	Envidor	Acaricida (Acaricide)	20,0-25,0 mL/100 L	21	SC	III	III	Bayer	Cetoenol (Ketoenols)
Espirodiclofeno (Spirodiclofen)	Esteio	Acaricida (Acaricide)	20,0 a 25,0 mL/100 L	21	SC	Cat 5	III	Ouro Fino	Cetoenol (Ketoenols)
Espirodiclofeno (Spirodiclofen)	Predador Neo, Cimitar	Acaricida (Acaricide)	20,0-25,0 mL/100 L	21	SC	III	III	Helm	Cetoenol (Ketoenols)
Espirodiclofeno (Spirodiclofen)	Spirodiclofen 240 SC Yonon	Acaricida (Acaricide)	20,0 - 25,0 mL/100L	21	SC	Cat 5	III	Yonon	Cetoenol (Ketoenols)
Espirodiclofeno (Spirodiclofen)	Vesuve	Acaricida (Acaricide)	20,0 - 25,0 mL/100 L	21	SC	Cat 5	III	Gowan	Cetoenol (Ketoenols)
Espirodiclofeno (Spirodiclofen)	Vilora	Inseticida e Acaricida (Insecticide and Acaricide)	20,0 - 25,0 mL/100L	21	SC	Cat 5	III	Alta	Cetoenol (Ketoenols)
Espiromesifeno (Spiromesifen)	Oberon	Inseticida e Acaricida (Insecticide and Acaricide)	20,0 - 30,0 mL/100L	21	SC	N/C	II	Bayer	Cetoenol (Ketoenols)
Etofenproxi (Etofenprox)	Safety	Inseticida (Insecticide)	30,0-60,0 mL/100 L	7	EC	III	III	Iharabras	Éter difenilico (pyrethroid ether)
Etofenproxi (Etofenprox)	Trebon 100 SC	Inseticida (Insecticide)	10,0-25,0 mL/100 L	7	SC	III	III	Sipcam	Éter difenilico (pyrethroid ether)
Etoxazol (Etoazole)	Borneo	Acaricida (Acaricide)	45,0 mL/100 L	14	SC	II	III	Sumitomo	Difenil oxazolina (Dipheniloxazoline)
Etoxazol (Etoazole)	Smite	Acaricida (Acaricide)	45,0 mL/100 L	14	SC	II	III	Sumitomo	Difenil oxazolina (Dipheniloxazoline)
Fenpiroximato (Fenpyroximate)	Fujimite 50 SC	Acaricida (Acaricide)	100,0 mL/100 L	15	SC	II	I	Nichino	Pirazol (Pyrazole)
Fenpiroximato (Fenpyroximate)	Ortus 50 SC	Acaricida (Acaricide)	100,0 mL/100 L	15	SC	II	II	Nichino	Pirazol (Pyrazole)
Fenpropatrina (Fenpropathrin)	Danimen 300 EC	Inseticida e Acaricida (Insecticide and Acaricide)	20,0-50,0 mL/100 L	28	EC	I	II	Sumitomo	Piretróide (Pyrethroids)
Fenpropatrina (Fenpropathrin)	Meothrin 300	Inseticida e Acaricida (Insecticide and Acaricide)	20,0-50,0 mL/100 L	28	EC	I	II	Sumitomo	Piretróide (Pyrethroids)

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Fenpropatrina (Fenpropathrin)	Sumirody 300	Inseticida e Acaricida (Insecticide and Acaricide)	20,0-50,0 mL/100 L	28	EC	I	II	Sumitomo	Piretróide (Pyrethroids)
Flufenoxurom (Flufenoxuron)	Cascade 100	Inseticida e Acaricida (Insecticide and Acaricide)	30,0-50,0 mL/100 L	15	EC	I	II	Basf	Benzoiluréia (Benzoylurea)
Fluopiram (Fluopyram)	Verango Prime	Nematicida e Fungicida (Nematicide and Fungicide)	0,75 - 1,0 L/ha	3	SC	Cat 5	III	Bayer	Benzamida Piramida (Pyridinyl-ethyl- benzamides)
Flupiradifurona (Flupyradifurone)	Sivanto Prime 200 SL	Inseticida (Insecticide)	25-40 mL/100L	14	SL	Cat 4	III	Bayer	Butenolida (Butenolide)
Fluxaproxade + Piraclostrobina (Fluxapyroxad + Pyraclostrobin)	Orkestra SC	Fungicida (Fungicide)	10,0-15,0 mL/100 L	14	SC	III	II	Basf	Carboxamida + Estrobilurina (Carboxamide + Strobilurin)
Fosetil (Fosetyl)	Aliette	Fungicida (Fungicide)	250,0 g/100 L	25	WP	IV	III	Bayer	Fosfonato (Phosphonate)
Fosetil (Fosetyl)	Medeiro WG	Fungicida (Fungicide)	0,25 kg/100L	25	WG	Cat 5	III	Ascenza	Fosfonato (Phosphonate)
Hexitiazoxi (Hexythiazox)	Savey WP	Acaricida (Acaricide)	3,0 g/100 L	30	WP	II	II	Du Pont	Tiazolidinacarboxamida (Thiazolidine)
Hexitiazoxi (Hexythiazox)	Viriato	Acaricida (Acaricide)	3,0 g/100L	30	SP	Cat 5	II	Tradecorp	Tiazolidinacarboxamida (Thiazolidine)
Hidróxido de Cobre (Copper hydroxide)	Auge	Fungicida e Bactericida (Fungicide and Bactericide)	1,0-3,0 L/ha	s/r	SC	Cat 5	III	Oxiquímica	Inorgânico (Inorganic)
Hidróxido de Cobre (Copper hydroxide)	Contact	Fungicida (Fungicide)	0,85-1,7 kg/ha ou 200,0 g/100 L	s/r	WP	IV	III	Mitsui	Inorgânico (Inorganic)
Hidróxido de Cobre (Copper hydroxide)	Ellect	Fungicida (Fungicide)	1,0-3,0 kg/ha	s/r	WP	Cat 4	III	Oxiquímica	Inorgânico (Inorganic)
Hidróxido de Cobre (Copper hydroxide)	Garant BR	Bactericida e Fungicida (Bactericide and Fungicide)	0,85-1,7 kg/ha ou 200,0 g/100 L	s/r	WP	IV	II	Mitsui	Inorgânico (Inorganic)

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Hidróxido de Cobre (Copper hydroxide)	Garra 450 WP	Fungicida (Fungicide)	100,0-150,0 g/100L ou 1,0 - 2,0 Kg/ha	7	WP	Cat 4	III	Oxiquímica	Inorgânico (Inorganic)
Hidróxido de Cobre (Copper hydroxide)	Kentan 40 WG	Fungicida (Fungicide)	75,0-100,0 g/100 L	s/r	WG	I	II	Isagro	Inorgânico (Inorganic)
Hidróxido de Cobre (Copper hydroxide)	Kocide WDG Bioactive	Bactericida e Fungicida (Bactericide and Fungicide)	75,0-125,0 g/100 L	s/r	WG	III	II	Mitsui	Inorgânico (Inorganic)
Hidróxido de Cobre (Copper hydroxide)	Supera	Fungicida e Bactericida (Fungicide and Bactericide)	1,0-3,0 L/ha	s/r	SC	Cat 4	III	Oxiquímica	Inorgânico (Inorganic)
Hidróxido de Cobre (Copper hydroxide)	Tutor	Fungicida (Fungicide)	175,0-225,0 g/100 L	s/r	WG	II	III	Basf	Inorgânico (Inorganic)
Imazalil (Imazalil)	Imazacure 500 EC	Fungicida (Fungicide)	200,0 mL/100 L	3	EC	I	II	Amvac	Imidazol (Imidazole)
Imazalil (Imazalil)	Magnate 500 EC	Fungicida (Fungicide)	200,0 mL/100 L	3	EC	I	II	Adama	Imidazol (Imidazole)
Imidacloprido (Imidacloprid)	Bamako 700 WG	Inseticida (Insecticide)	5,0 g/100 L ou 0,5-1 g/planta	21	WG	I	III	Rotam	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	CigaraI	Inseticida (Insecticide)	5,0 g/100 L	21	WP	I	III	Anasac	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Cutlass; Favorito 700WG	Inseticida (Insecticide)	5,0-10,0 g/100 L	21	WG	I	III	Helm	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Evidence 700 WG	Inseticida (Insecticide)	5,0-10,0 g/100 L	21	WG	IV	III	Bayer	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Galeão	Inseticida (Insecticide)	5,0-10,0 g/100 L	21	WG	I	III	Helm	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Granary	Inseticida (Insecticide)	5,0-10,0 g/100 L	21	WG	III	III	Albaugh	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Imaxi 700 WG	Inseticida (Insecticide)	5,0 g/100 L ou 0,5-1 g/planta	21	WG	I	III	Rotam	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Imidacloprid 350 SC	Inseticida (Insecticide)	9,0-11,0 mL/100 L	21	SC	III	III	Rotam	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Imidacloprid Nortox	Inseticida (Insecticide)	7,0-15,0 mL/100 L	21	SC	II	II	Nortox	Neonicotinóide (Neonicotinoid)

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Imidacloprido (Imidacloprid)	Imidagold 700 WG	Inseticida (Insecticide)	5,0-10,0 g/100L	21	WG	III	III	UPL	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Provado 200 SC	Inseticida (Insecticide)	15,0-50,0 mL/100 L	21	SC	III	III	Bayer	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Rotaprid 350 SC	Inseticida (Insecticide)	9,0-11,0 mL/100 L	21	SC	III	III	Rotam	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Warrant 700 WG	Inseticida (Insecticide)	5,0 g/100 L	21	WG	III	III	FMC	Neonicotinóide (Neonicotinoid)
Imidacloprido (Imidacloprid)	Winner	Inseticida (Insecticide)	2,5-5,0 mL/planta	21	SL	II	III	Bayer	Neonicotinóide (Neonicotinoid)
Malationa (Malathion)	Apaleo; Verso	Inseticida e Acaricida (Insecticide and Acaricide)	0,15 - 0,2 L/100L	7	EC	Cat 4	II	Agro-Lead	Organofosforado (Organophosphates)
Malationa (Malathion)	Kantor 1000 EC	Inseticida (Insecticide)	0,15 - 0,2 L/100L	7	EC	Cat 4	II	Cropchem	Organofosforado (Organophosphates)
Malationa (Malathion)	Malathion 1000 EC FMC	Inseticida (Insecticide)	150,0-200,0 mL/100 L	7	EC	I	II	FMC	Organofosforado (Organophosphates)
Malationa (Malathion)	Malathion CCAB 1000 EC	Inseticida (Insecticide)	0,15 - 0,2 L/100L	7	EC	Cat 4	II	CCAB Agro	Organofosforado (Organophosphates)
Malationa (Malathion)	Malathion Prentiss	Inseticida (Insecticide)	300,0-400,0 mL/100 L	7	EC	IIII	III	Prentiss	Organofosforado (Organophosphates)
Malationa (Malathion)	Primum	Acaricida e Inseticida (Acaricide and Insecticide)	150,0 - 200,0 mL/100L	7	EC	Cat 4	II	Prentiss	Organofosforado (Organophosphates)
Malationa (Malathion)	Tora	Inseticida (Insecticide)	0,15 - 0,2 L/100L	7	EC	Cat 4	II	Rainbow	Organofosforado (Organophosphates)
Metaflumizone (Metaflumizone)	Verismo	Inseticida (Insecticide)	80 a 100 mL/100L	7	SC	Cat 5	III	Basf	Semicarbazone (Semicarbazone)
Óleo mineral (Mineral oil)	Agefix	Inseticida e Acaricida (Insecticide and Acaricide)	1000,0-2000,0 mL/100 L	s/r	EC	III	III	Energis 8	Hidrocarbonetos alifáticos (Aliphatic hydrocarbons)
Óleo mineral (Mineral oil)	Argenfrut RV	Inseticida e Fungicida (Insecticide and Fungicide)	1000,0 mL/100 L	s/r	EC	III	III	Amvac	Hidrocarbonetos alifáticos (Aliphatic hydrocarbons)

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Óleo mineral (Mineral oil)	Assist	Inseticida, Fungicida e Adjuvante (Insecticide, Fungicide and Adjuvant)	1.000,0- 2.000,0mL/100 L	s/r	EC	IV	IV	Basf	Hidrocarbonetos alifáticos (Aliphatic hydrocarbons)
Óleo mineral (Mineral oil)	Dytrol	Inseticida e Adjuvante (Insecticide and Adjuvant)	1.000,0- 2.000,0 mL/100 L	s/r	EC	IV	III	Ameribrás	Hidrocarbonetos alifáticos (Aliphatic hydrocarbons)
Óleo mineral (Mineral oil)	Lupoil	Inseticida (Insecticide)	0,9 - 1,0 L/100 L	s/r	EC	N/C	III	Agrobiotech	Hidrocarbonetos alifáticos (Aliphatic hydrocarbons)
Óleo mineral (Mineral oil)	Miner'Oil	Inseticida e Adjuvante (Insecticide and Adjuvant)	1.000,0- 1.500,0 mL/100 L	s/r	EC	IV	III	Ameribrás	Hidrocarbonetos alifáticos (Aliphatic hydrocarbons)
Óleo mineral (Mineral oil)	Oppa BR EC	Inseticida e Adjuvante (Insecticide and Adjuvant)	1.000,0- 1.500,0 mL/100 L	s/r	EC	IV	III	Petrobrás	Hidrocarbonetos alifáticos (Aliphatic hydrocarbons)
Óleo mineral (Mineral oil)	Orix	Inseticida (Insecticide)	1.000,0- 1.500,0 mL/100 L	s/r	EC	Cat 5	IV	Oxiquímica	Hidrocarbonetos alifáticos (Aliphatic hydrocarbons)
Óleo mineral (Mineral oil)	Purespray 15E	Acaricida (Acaricide)	1000,0 mL/100 L	s/r	SO	IV	III	Quantiq	Hidrocarbonetos alifáticos (Aliphatic hydrocarbons)
Óleo vegetal (Vegetable oil)	Agro-Oil	Inseticida e Adjuvante (Insecticide and Adjuvant)	2.000,0- 3.000,0 mL/100 L	s/r	EC	IV	IV	Vittia	Ésteres de ácidos graxos (Fatty acid esters)
Óleo vegetal (Vegetable oil)	Fersoil	Inseticida e Adjuvante (Insecticide and Adjuvant)	500-1000,00 mL/100 L	s/r	EC	IV	IV	Ameribrás	Ésteres de ácidos graxos (Fatty acid esters)
Óleo vegetal (Vegetable oil)	Graxol	Inseticida (Insecticide)	2.000,0 mL/100 L	s/r	EC	IV	IV	Agrária	Ésteres de ácidos graxos (Fatty acid esters)
Óleo vegetal (Vegetable oil)	Natur'l Óleo	Inseticida e Adjuvante (Insecticide and Adjuvant)	1.000,0- 3.000,0 mL/100 L	s/r	EW	IV	IV	Stoller	Ésteres de ácidos graxos (Fatty acid esters)

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Óleo vegetal (Vegetable oil)	Quimióleo	Inseticida e Adjuvante (Insecticide and Adjuvant)	1.000,0-2.000,0mL/100 L	s/r	EW	IV	IV	Fênix Agro-Pecus	Ésteres de ácidos graxos (Fatty acid esters)
Óleo vegetal (Vegetable oil)	Veget Oil	Inseticida (Insecticide)	1,0 - 2,0 L/100L	s/r	EC	Cat 5	IV	Oxiquímica	Ésteres de ácidos graxos (Fatty acid esters)
Óleo vegetal (Vegetable oil)	Vision	Inseticida (Insecticide)	500,0-1000,00 mL/100 L	s/r	EC	Cat 5	IV	Oxiquímica	Ésteres de ácidos graxos (Fatty acid esters)
Óleo vegetal (Vegetable oil)	Óleo Vegetal Nortox	Inseticida e Adjuvante (Insecticide and Adjuvant)	2.000,0 mL/100 L	s/r	EC	IV	IV	Nortox	Ésteres de ácidos graxos (Fatty acid esters)
Óleo vegetal (óleo de laranja) (Vegetable oil (orange oil))	Prev-Am	Inseticida e Fungicida (Insecticide and Fungicide)	200,0 - 1200,0 mL/ 100L	s/r	SL	Cat 5	IV	Tradecorp	Hidrocarbonetos terpênicos (Terpene hydrocarbons)
Oxicloreto de cobre (Copper oxychloride)	Agrinose	Fungicida e Bactericida (Fungicide and Bactericide)	400,0 g/100 L	-	WP	III	II	Sumitomo	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Cobox DF	Fungicida (Fungicide)	250,0 g/100 L	7	WG	IV	III	Mitsui	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Cobre Fersol	Fungicida (Fungicide)	300,0 g/100 L	-	WP	IV	III	Ameribrás	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Copsuper	Fungicida e Bactericida (Fungicide and Bactericide)	150,0-200,0 mL/100 L ou 1-2,5 L/ha	-	SC	Cat 4	II	Oxiquímica	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Cuprital 700	Fungicida e Bactericida (Fungicide and Bactericide)	75,0-100,0 mL/100 L	s/r	SC	II	III	Tradecorp	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Cuprocarb 350	Fungicida (Fungicide)	200,0-300,0 g/100 L	7	WP	Cat 4	III	Oxiquímica	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Cuprocarb 500	Fungicida (Fungicide)	300,0 g/100 L ou 3,0 kg/ha	-	WP	IV	III	Oxiquímica	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Cupronil, Cupravil Azul, Funguran Azul	Fungicida (Fungicide)	200,0 g/ 100L	s/r	WP	Cat 5	III	Funguran Giulini	Inorgânico (Inorganic)

1. Lista de inseticidas, acaricidas e fungicidas (1- List of insecticides, acaricides and fungicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Oxicloreto de cobre (Copper oxychloride)	Cupuran 500 PM	Fungicida e Bactericida (Fungicide and Bactericide)	3 kg/ha	-	WP	IV	III	Mitsui	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Difere	Fungicida e Bactericida (Fungicide and Bactericide)	1,0-2,5 L/ha ou 150, - 200,0 mL/100L	-	SC	Cat 4	II	Oxiquímica	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Fanavid 85	Fungicida (Fungicide)	300,0-450,0 g/100 L	7	WP	III	III	Rizzi	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Fanavid Flowable	Fungicida (Fungicide)	300,0-450,0 mL/100 L	7	SC	IV	III	Rizzi	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Fungitol Azul	Fungicida (Fungicide)	275,0 g/100 L	7	WP	IV	III	Mitsui	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Fungitol Verde	Fungicida e Bactericida (Fungicide and Bactericide)	150,0 g/100 L	7	WP	IV	III	Mitsui	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Funguran Verde, Cupravit Verde, Coppershield, Copperplus, Coppergreen	Fungicida (Fungicide)	100,0 g/100 L	-	WP	IV	II	Funguran Giulini	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Neoram 37.5 WG	Fungicida (Fungicide)	85,0 - 250,0 g/100 L	-	WG	I	II	Gowan	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Reconil	Fungicida e Bactericida (Fungicide and Bactericide)	200,0 g/100 L	-	WP	IV	III	Albaugh	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Recop	Fungicida (Fungicide)	250,0 g/100 L	-	WP	IV	III	Albaugh	Inorgânico (Inorganic)
Oxicloreto de cobre (Copper oxychloride)	Status	Fungicida e Bactericida (Fungicide and Bactericide)	150,0-200,0 mL/100L ou 1,0-2,5 L/ha	-	SC	Cat 4	II	Oxiquímica	Inorgânico (Inorganic)
Óxicloreto de cobre + Hidróxido de cobre (Copper oxychloride + Copper hydroxide)	Airone	Fungicida e Bactericida (Fungicide and Bactericide)	75-200 mL/100 L	s/r	SC	III	III	Isagro	Inorgânico (Inorganic)

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Óxido cuproso (Cuprous oxide)	Cobre Atar BR	Fungicida e Bactericida (Fungicide and Bactericide)	150,0 g/100 L	7	WP	IV	III	Albaugh	Inorgânico (Inorganic)
Óxido cuproso (Cuprous oxide)	Redshield 750	Fungicida (Fungicide)	100,0 g/100 L	-	WP	III	III	Amvac	Inorgânico (Inorganic)
Oxymatrine (Oxymatrine)	Matrine	Acaricida biológico (Biological acaricide)	75,0-100,0 mL/100 L	-	SL	IV	IV	Dinagro	Alcalóide matridínico (Matridin Alkaloid)
Piraclostrobina (Pyraclostrobin)	Comet	Fungicida (Fungicide)	10,0-15,0 mL/100 L	14	EC	II	II	Basf	Estrobilurina (Strobilurin)
Piraclostrobina (Pyraclostrobin)	Piraclostrobin Nortox	Fungicida (Fungicide)	10,0 - 15,0 mL/100L	14	EC	Cat 4	II	Nortox	Estrobilurina (Strobilurin)
Piraclostrobina (Pyraclostrobin)	Pyraclostrobin 250 EC Yonon	Fungicida (Fungicide)	10,0 - 15,0 mL/100L	14	EC	Cat 4	II	Yonon	Estrobilurina (Strobilurin)
Piraclostrobina + Mefentrifluconazol (Pyraclostrobin + Mefentrifluconazole)	Melyra	Fungicida (Fungicide)	0,4 - 0,5 L/ha	35	SC	IV	II	Basf	Estrobilurina + Triazol (Strobilurin + Triazole)
Piridabem (Pyridaben)	Sanmite EW	Inseticida e Acaricida (Insecticide and Acaricide)	50,0-100,0 mL/100 L	7	EW	III	III	Iharabras	Piridazinona (Pyridazinone)
Pirimetanil (Pirimethanil)	Mythos	Fungicida (Fungicide)	1,0-1,5 L/ha	14	SC	III	II	Bayer	Anilinopirimidina (anilinopyrimidines)
Piriproxifem (Pyriproxyfen)	Blade	Inseticida (Insecticide)	6,25 mL/100 L	14	EC	I	II	Tradecorp	Éter piridiloxipropílico (Pyridyloxypropyl ether)
Piriproxifem (Pyriproxyfen)	Cordial 100	Inseticida (Insecticide)	6,25-75,0 mL/100 L	14	EC	I	II	Sumitomo	Éter piridiloxipropílico (Pyridyloxypropyl ether)
Piriproxifem (Pyriproxyfen)	Cougar	Inseticida (Insecticide)	6,25-100,0 mL/100 L	14	EC	I	II	Alta	Éter piridiloxipropílico (Pyridyloxypropyl ether)
Piriproxifem (Pyriproxyfen)	Epingle 100	Inseticida (Insecticide)	6,25-100,0 mL/100 L	14	EC	I	II	Sumitomo	Éter piridiloxipropílico (Pyridyloxypropyl ether)
Piriproxifem (Pyriproxyfen)	Piriproxifem CCAB 100 EC	Inseticida (Insecticide)	6,5 a 100,0 mL/100L	14	EC	Cat 5	II	CCAB Agro	Éter piridiloxipropílico (Pyridyloxypropyl ether)
Piriproxifem (Pyriproxyfen)	Piriproxifen Nortox	Inseticida (Insecticide)	25-50 mL/100 L	14	EC	I	II	Nortox	Éter piridiloxipropílico (Pyridyloxypropyl ether)

1. Lista de inseticidas, acaricidas e fungicidas (1- List of insecticides, acaricides and fungicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Piriproxifem (Pyriproxyfen)	Porcel 100 EC	Inseticida (Insecticide)	6,25-100,0 mL/100 L	14	EC	II	II	Rotam	Éter piridiloxipropílico (Pyridyloxypropyl ether)
Piriproxifem (Pyriproxyfen)	Taura 200 EC	Inseticida (Insecticide)	25,0 - 50,0 mL/100L	14	EC	Cat 5	II	Cropchem	Éter piridiloxipropílico (Pyridyloxypropyl ether)
Piriproxifem (Pyriproxyfen)	Tiger 100 EC	Inseticida (Insecticide)	6,25-100,0 mL/100 L	14	EC	I	II	Sumitomo	Éter piridiloxipropílico (Pyridyloxypropyl ether)
Propargito (Propargite)	Omite 720 EC	Acaricida (Acaricide)	100,0 mL/100 L	7	EC	I	II	UPL	Sulfito de alquila (Alkyl sulphite)
Propargito (Propargite)	Propargite Fersol 720 EC	Acaricida (Acaricide)	100 mL/100L	7	EC	Cat 3	II	Ameribrás	Sulfito de alquila (Alkyl sulphite)
Sulfoxaflor (Sulfoxaflor)	Verter SC	Inseticida (Insecticide)	0,1-06 L/ha	7	SC	III	III	Corteva	Sulfoximinas (Sulfoximines)
Tebuconazol (Tebuconazole)	AUG 137	Fungicida (Fungicide)	60,0 mL/100 L	20	EC	I	II	Avgust	Triazol (Triazole)
Tebuconazol (Tebuconazole)	Keyzol EC	Fungicida (Fungicide)	60,0 mL/100 L	20	EC	I	II	Avgust	Triazol (Triazole)
Tebuconazol (Tebuconazole)	Produtorbr	Fungicida (Fungicide)	75,0 mL/100 L	20	EC	I	II	Ouro Fino	Triazol (Triazole)
Tebufenozida (Tebufenozide)	Mimic 240 SC	Inseticida (Insecticide)	40,0-50,0 mL/100 L	7	SC	IV	III	Iharabras	Diacilhidrazina (Diacylhydrazine)
Teflubenzurom (Teflubenzuron)	Nomolt 150	Inseticida (Insecticide)	25-30 mL/100 L	28	SC	IV	II	Basf	Benzoiluréia (benzoylurea)
Tiabendazol (Thiabendazole)	Tecto SC	Fungicida (Fungicide)	1030,0 mL/100 L	-	SC	III	II	Syngenta	Benzimidazol (Benzimidazole)
Tiametoxam (Thiamethoxam)	Actara 250 WG, Nirvana	Inseticida (Insecticide)	20,0 ou 3,0 g/planta	14fol.-180Tron.	WG	III	III	Syngenta	Neonicotinoíde (Neonicotinoid)
Trifloxistrobina (Trifloxystrobin)	Flint 500 WG	Fungicida (Fungicide)	10,0 g/100 L	14	WG	III	II	Bayer	Estrobilurina (Strobilurin)
Trifloxistrobina (Trifloxystrobin)	Harbin 500 WG	Fungicida (Fungicide)	10,0 g /100L	14	WG	Cat 5	II	Cropchem	Estrobilurina (Strobilurin)
Trifloxistrobina (Trifloxystrobin)	Preet	Fungicida (Fungicide)	10,0 g/100L	5	WG	Cat 5	II	Tradecorp	Estrobilurina (Strobilurin)
Trifloxistrobina (Trifloxystrobin)	Trifloxystrobin 500 WG Yonon	Fungicida (Fungicide)	10,0 g /100L	14	WG	Cat 5	II	Yonon	Estrobilurina (Strobilurin)

1. Lista de inseticidas, acaricidas e fungicidas (1- List of insecticides, acaricides and fungicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Trifloxistrobina + Tebuconazol (Trifloxystrobin + Tebuconazole)	Nativo	Fungicida (Fungicide)	0,6-0,8 L/ha	5	SC	III	II	Bayer	Estrobilurina + Triazol (Strobilurin + Triazole)
Trifloxistrobina + Tebuconazol (Trifloxystrobin + Tebuconazole)	Tordpic Xtra	Fungicida (Fungicide)	0,24 - 0,32 kg/ha	20	WG	Cat 5	II	Rainbow	Estrobilurina + Triazol (Strobilurin + Triazole)
Zeta-cipermetrina (Zeta-cypermethrin)	Mustang 350 EC	Inseticida (Insecticide)	5,0-10,0 mL/100 L	3	EC	II	I	FMC	Piretróide (Pyrethroids)
Zeta-cipermetrina + Bifentrina (Zeta-cypermethrin + Bifenthrin)	Hero	Inseticida (Insecticide)	0,15 - 0,2 L/ha	14	EC	Cat 3	II	FMC	Piretróide (Pyrethroids)

2. Lista de herbicidas (2- List of herbicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Carfentrazona-etílica (Carfentrazone-ethyl)	Affinity 400 EC	Herbicida (Herbicide)	75,0-125,0 mL/ha+0,5% óleo Mineral	15	EC	II	II	FMC	Triazolona (Triazolone)
Carfentrazona-etílica (Carfentrazone-ethyl)	Aurora	Herbicida (Herbicide)	75,0-125,0 mL/ha+0,5% óleo Mineral	15	EC	II	II	FMC	Triazolona (Triazolone)
Carfentrazona-etílica (Carfentrazone-ethyl)	Bivack	Herbicida (Herbicide)		75,0 - 125,0 mL/ha	EC	Cat 5	II	Tradecorp	Triazolona (Triazolinone)
Carfentrazona-etílica (Carfentrazone-ethyl)	Fullguard; Hampton 400 EC; Carfeni; Centria	Herbicida (Herbicide)	75 - 125 mL/ha	15	EC	Cat 4	II	Rainbow	Triazolona (Triazolone)
Carfentrazona-etílica (Carfentrazone-ethyl)	Olatazon 400 EC; Hampton EC	Herbicida (Herbicide)	75,0 - 125,0 mL/ha	15	EC	Cat 5	II	AllierBrasil	Triazolona (Triazolone)
Dibrometo de Diquate (Diquat)	Egan	Herbicida (Herbicide)	1,5 - 2,5 L/ha	14	SL	Cat 3	II	Albaugh	Bipiridílio (Bipyridylium)
Dibrometo de Diquate (Diquat)	Helmoquat	Herbicida (Herbicide)	1,5-2,5 L/ha	14	SL	I	II	Helm	Bipiridílio (Bipyridylium)
Dibrometo de Diquate (Diquat)	Macroquat 200 SL	Herbicida (Herbicide)	1,5 - 2,5 L/ha	14	SL	Cat 4	III	CHDS do Brasil	Bipiridílio (Bipyridylium)
Dibrometo de Diquate (Diquat)	Offer 200 SL	Herbicida (Herbicide)	1,5 - 2,5 L/ha	14	SL	Cat 3	II	Yonon	Bipiridílio (Bipyridylium)
Dibrometo de Diquate (Diquat)	Reglone	Herbicida (Herbicide)	1,5-2,5 L/ha	14	SL	I	II	Syngenta	Bipiridílio (Bipyridylium)
Dibrometo de Diquate (Diquat)	Spraykill	Herbicida (Herbicide)	1,5 - 2,5 L/ha	14	SL	Cat 3	II	Rainbow	Bipiridílio (Bipyridylium)
Diquate (Diquat)	Diquat CCAB 200 SL	Herbicida (Herbicide)	1,5 - 2,5 L/ha	14	SL	Cat 2	II	CCAB Agro	Bipiridílio (Bipyridylium)
Diquate (Diquat)	Venia BR	Herbicida (Herbicide)	1,5 - 2,5 L/ha	14	SL	Cat 4	III	Solus	Bipiridílio (Bipyridylium)
Diurrom (Diuron)	Abone	Herbicida (Herbicide)	3,2-6,4 L/ha	60	SC	III	II	Albaugh	Uréia (Urea)
Diurrom (Diuron)	Diuron 500 SC Rainbow	Herbicida (Herbicide)	3,2 - 6,4 L/ha	60	SC	Cat 5	II	Rainbow	Uréia (Urea)

2. Lista de herbicidas (2- List of herbicides)

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Diuróm (Diuron)	Diuron CCAB 500 SC	Herbicida (Herbicide)	3,2 - 6,4 L/ha	60	SC	Cat 5	II	CCAB Agro	Uréia (Urea)
Diuróm (Diuron)	Diuron Fersol 500 SC	Herbicida (Herbicide)	1,8-3,5 kg/ha	60	SC	II	II	Ameribrás	Uréia (Urea)
Diuróm (Diuron)	Diuron Nortox	Herbicida (Herbicide)	2,0-4,0 L/ha	60	WP	III	II	Nortox	Uréia (Urea)
Diuróm (Diuron)	Diuron Nortox 500 SC	Herbicida (Herbicide)	3,2-6,4 L/ha	60	SC	III	II	Nortox	Uréia (Urea)
Diuróm (Diuron)	Diuron R 500 SC Perterra	Herbicida (Herbicide)	3,2 - 6,4 L/ha	60	SC	Cat 5	II	Rainbow	Uréia (Urea)
Diuróm (Diuron)	Herburon 500 BR	Herbicida (Herbicide)	3,2-6,4 L/ha	60	SC	III	II	Adama	Uréia (Urea)
Diuróm (Diuron)	Irado 800 WG	Herbicida (Herbicide)	2,0 - 4,0 kg/ha	60	WG	Cat 5	II	Cropchem	Uréia (Urea)
Diuróm (Diuron)	Karmex	Herbicida (Herbicide)	2,0-4,0 kg/ha	60	WG	III	II	Adama	Uréia (Urea)
Diuróm (Diuron)	Tropicio	Herbicida (Herbicide)	3,2 - 6,4 L/ha	60	SC	Cat 5	II	Rainbow	Uréia (Urea)
Flumioxazina (Flumioxazin)	Flumioxazin CCAB 500 WP	Herbicida (Herbicide)	0,05 - 0,24 kg/ha	7	WP	Cat 5	IV	CCAB Agro	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Flumioxazin Nortox	Herbicida (Herbicide)	40,0 - 240,0 mL/ha	7	SC	Cat 5	III	Nortox	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Flumyzin 500	Herbicida (Herbicide)	50,0-240,0 g/ha	7	WP	II	III	Sumitomo	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Flumyzin 500 SC	Herbicida (Herbicide)	50,0-240,0 mL/ha	7	SC	IV	III	Sumitomo	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Honizyn	Herbicida (Herbicide)	50,0 - 240,0 g/ha	7	WP	Cat 5	IV	Sinon	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Joya	Herbicida (Herbicide)		52,0 mL/ha	SC	Cat 5	IV	Rotam	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Magma 500 SC; Olasoja 500 SC; Ground Shield	Herbicida (Herbicide)	50,0 - 240,0 mL/ha	7	SC	Cat 5	IV	AllierBrasil	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Osbar 500 WP	Herbicida (Herbicide)	50,0 - 240,0 g/ha	7	WP	Cat 5	IV	Cropchem	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Osbar 500 WP	Herbicida (Herbicide)	50,0 g/ha	07	WP	Cat 5	IV	Cropchem	Ciclohexenodicarboximida (Cyclohexenodicarboximide)

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Flumioxazina (Flumioxazin)	Pledge SC	Herbicida (Herbicide)	50,0 - 240,0 mL/ha	7	SC	Cat 5	III	Sumitomo	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Sumisoya	Herbicida (Herbicide)	50,0-240,0 g/ha	7	WP	II	III	Sumitomo	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Sumisoya 500 SC	Herbicida (Herbicide)	50,0-240,0 mL/ha	7	SC	IV	III	Sumitomo	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Sumyzin 500 SC	Herbicida (Herbicide)	50,0-240,0 mL/ha	7	SC	IV	III	Sumitomo	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Tremor	Herbicida (Herbicide)	53,0 - 250,0 mL/ha	7	SC	Cat 5	IV	Solus	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Flumioxazina (Flumioxazin)	Tucano	Herbicida (Herbicide)	50,0 g/ha	7	WP	Cat 5	IV	CHDS do Brasil	Ciclohexenodicarboximida (Cyclohexenodicarboximide)
Glifosato (Glyphosate)	Baris; Glifosato 480 SL Perterra	Herbicida (Herbicide)	1,0 - 6,0 L/ha	30	SL	Cat 5	III	Perterra	Glicina substituída (Glycine derivatives)
Glifosato (Glyphosate)	Gliall	Herbicida (Herbicide)	1,0 - 6,0 L/ha	30	SL	Cat 5	III	Nutrien	Glicina substituída (Glycine derivatives)
Glifosato (Glyphosate)	Gliforte	Herbicida (Herbicide)	0,5-3,0 L/ha	30	SP	II	III	Tundra	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Amônio (Glyphosate)	Braddock WG	Herbicida (Herbicide)	0,5 - 3,5 Kg/ha	30	WG	Cat 5	III	Solus	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Amônio (Glyphosate)	Eliminate	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 5	III	CHDS do Brasil	Homoalanina substituída (Homoalanine)
Glifosato - Sal de Amônio (Glyphosate)	Glifocopa 720 WG	Herbicida (Herbicide)	250,0-1750,0 g/100 L	30	WG	Cat 5	III	Copalliance	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Amônio (Glyphosate)	Glifosato 720 WG Nortox	Herbicida (Herbicide)	0,5-2,5 kg/ha	30	WG	Cat 5	III	Nortox	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Amônio (Glyphosate)	Roundup Original Mais	Herbicida (Herbicide)	1,0-4,5 L/ha	30	SL	N/C	III	Monsanto	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Amônio (Glyphosate)	Roundup Ultra	Herbicida (Herbicide)	0,5-3,5 L/ha	30	WG	Cat 4	III	Monsanto	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Amônio (Glyphosate)	Tecnup Max 720 WG	Herbicida (Herbicide)	0,5 - 3,5 Kg/ha	30	WG	Cat 5	III	TecnomyI	Glicina substituída (Glycine derivatives)

2. Lista de herbicidas (2- List of herbicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Glifosato - Sal de Amônio (Glyphosate)	Wipe Out	Herbicida (Herbicide)	0,5 - 3,5 Kg/ha	30	WG	Cat 5	III	Rainbow	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Amônio (Glyphosate)	Zafera	Herbicida (Herbicide)	0,75-3,5 L/ha	30	WG	III	III	Alta	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Amônio (Glyphosate)	Zapp WG 720	Herbicida (Herbicide)	0,5 - 3,5 Kg/ha	30	WG	Cat 5	III	Cropchem	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Braddock SL	Herbicida (Herbicide)	1,0 - 5,0 L/ha	30	SL	Cat 5	III	Solus	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Braddock Ultra	Herbicida (Herbicide)	0,5 - 4,5 L/ha	30	SL	Cat 5	III	Solus	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Clearup	Herbicida (Herbicide)	0,5 - 6,0 L/ha	30	SL	Cat 5	III	Rainbow	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	GLI-UP 480 SL	Herbicida (Herbicide)	1,0-5,0 L/ha	30	SL	III	III	Cropchem	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	GLI-UP 720 WG	Herbicida (Herbicide)	0,5-3,5 kg/ha	30	WG	III	III	Cropchem	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato Atanor	Herbicida (Herbicide)	1,0-6,0 L/ha	30	SL	III	III	Albaugh	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato Atar	Herbicida (Herbicide)	1,0-6,0 L/ha	30	SL	III	III	Albaugh	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato Atar 48	Herbicida (Herbicide)	1,0-6,0 L/ha	30	SL	III	III	Albaugh	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato CCAB 480 SL	Herbicida (Herbicide)	0,75-5,0 L/ha	30	SL	II	III	CCAB Agro	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato CCAB BR	Herbicida (Herbicide)	0,5-6,0 L/ha	30	AL	I	III	CCAB Agro	Glicina substituída (Glycine derivatives)

2. Lista de herbicidas (2- List of herbicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato CHD'S	Herbicida (Herbicide)	1,0-6,0 L/ha	30	SL	N/C	III	CHDS do Brasil	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato IPA 480 Rainbow	Herbicida (Herbicide)	1,0-6,0 L/ha	30	SL	I	III	Rainbow	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato Nortox	Herbicida (Herbicide)	1,0-6,0 L/ha	30	SL	III	III	Nortox	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato Nortox 480 BR	Herbicida (Herbicide)	1,0-5,0 L/ha	30	SL	III	III	Nortox	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato Nortox 480 SL	Herbicida (Herbicide)	2,0-6,0 L/ha	30	SL	III	III	Nortox	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifosato Nortox SL	Herbicida (Herbicide)	1,0-6,0 L/ha	30	SL	Cat 5	III	Nortox	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glifoxin	Herbicida (Herbicide)	1,0-4,0 L/ha	30	SL	III	III	Helm	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glister	Herbicida (Herbicide)	1,0-4,0 L/ha	30	SL	II	III	Sinon	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glizmax Prime	Herbicida (Herbicide)	0,75-4,5 L/ha	30	SL	III	III	Corteva	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glyphotal TR	Herbicida (Herbicide)	1,0-4,5 L/ha	30	SL	II	III	UPL	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Glyphotal WG	Herbicida (Herbicide)	0,75-3,0 kg/ha	30	WG	III	III	UPL	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Mademato	Herbicida (Herbicide)	1,0-5,0 L/ha	30	SL	I	III	DIPIL	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Nufosate	Herbicida (Herbicide)	0,5-6,0 L/ha	30	SL	III	III	Sumitomo	Glicina substituída (Glycine derivatives)

2. Lista de herbicidas (2- List of herbicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Glifosato - Sal de Isopropilamina (Glyphosate)	Nufosate BR	Herbicida (Herbicide)	1,0-5,0 L/ha	30	SL	II	III	Sumitomo	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Nufosate WG	Herbicida (Herbicide)	0,5-3,5 kg/ha	30	SL	III	III	Sumitomo	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Pilarsato	Herbicida (Herbicide)	1,0-5,0 L/ha	30	SL	I	III	Pilarquim	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Pocco 480 SL	Herbicida (Herbicide)	1,0-12 L/ha	30	SL	Cat 4	III	Prentiss	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Potensato	Herbicida (Herbicide)	0,5-5,0 L/ha	30	SL	III	III	Stockton	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Preciso	Herbicida (Herbicide)	0,5-3,5 L/ha	30	WG	III	III	Albaugh	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Ridover	Herbicida (Herbicide)	0,5-3,5 kg/ha	30	WG	III	III	Rainbow	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Roundup WG	Herbicida (Herbicide)	0,5-3,5 kg/ha	30	WG	III	III	Monsanto	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Shadow	Herbicida (Herbicide)	1,0-6,0 L/ha	30	SL	III	III	Albaugh	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Shadow 480 SL	Herbicida (Herbicide)	1,0-5,0 L/ha	30	SL	III	III	Albaugh	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Soldier	Herbicida (Herbicide)	0,50-3,5 kg/ha	30	WG	III	III	Rainbow	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Stinger WG	Herbicida (Herbicide)	0,5-3,5 kg/ha	30	WG	III	III	Monsanto	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Sumô	Herbicida (Herbicide)	1,0-5,0 L/ha	30	SL	III	III	Pilarquim	Glicina substituída (Glycine derivatives)

2. Lista de herbicidas (2- List of herbicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Glifosato - Sal de Isopropilamina (Glyphosate)	Teardown	Herbicida (Herbicide)	1,0-4,0 L/ha	30	SL	II	III	Sinon	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Tecnup	Herbicida (Herbicide)	0,5 - 6,0 L/ha	30	SL	Cat 5	III	TecnomyI	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Templo	Herbicida (Herbicide)	1,0-4,0 L/ha	30	SL	III	III	Ouro Fino	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Trop	Herbicida (Herbicide)	1,0-6,0 L/ha	30	SL	III	III	Adama	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Isopropilamina (Glyphosate)	Tupan 720 WG	Herbicida (Herbicide)	0,5-3,5 kg/ha	30	WG	III	III	Cropchem	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Potássio (Glyphosate)	Glifosato CCAB 620 SL	Herbicida (Herbicide)	0,7 - 4,2 L/ha	30	SL	Cat 5	III	CCAB Agro	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Potássio (Glyphosate)	Preciso xK	Herbicida (Herbicide)	0,66 - 3,95L/ha	30	SL	Cat 5	III	Albaugh	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Potássio (Glyphosate)	Ridown Full	Herbicida (Herbicide)	0,7 - 4,2 L/ha	30	SL	N/C	III	Rainbow	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Potássio (Glyphosate)	Roundup Transorb R	Herbicida (Herbicide)	1,0-4,5 L/ha	30	SL	Cat 5	III	Monsanto	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Potássio (Glyphosate)	Tecnup Premium	Herbicida (Herbicide)	0,7 - 4,2 L/ha	30	SL	Cat 5	III	TecnomyI	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Potássio (Glyphosate)	Xeque Mate	Herbicida (Herbicide)	0,7-4,2 L/ha	30	SL	III	III	Iharabras	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Potássio (Glyphosate)	Zapp QI 620	Herbicida (Herbicide)	0,7-4,3 L/ha	30	SL	N/C	III	Syngenta	Glicina substituída (Glycine derivatives)
Glifosato - Sal de Potássio + Glifosato - Sal de Isopropilamina (Glyphosate + Glyphosate)	Mojjave	Herbicida (Herbicide)	1,0-4,0 L/ha	30	SL	Cat 5	III	Ouro Fino	Glicina substituída (Glycine derivatives)

2. Lista de herbicidas (2- List of herbicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Glifosato - Sal de Potássio + Glifosato - Sal de Isopropilamina (Glyphosate + Glyphosate)	MourãoBR	Herbicida (Herbicide)	1,0-4,0 L/ha	30	SL	Cat 5	III	Ouro Fino	Glicina substituída (Glycine derivatives)
Glifosato -Sal de Isopropilamina (Glyphosate)	Astral	Herbicida (Herbicide)	0,5-6,0 L/ha	30	SL	I	III	Prentiss	Glicina substituída (Glycine derivatives)
Glifosato -Sal de Isopropilamina (Glyphosate)	Credit	Herbicida (Herbicide)	0,5-6,0 L/ha	30	SL	III	III	Sumitomo	Glicina substituída (Glycine derivatives)
Glifosato -Sal de Isopropilamina (Glyphosate)	Crucial	Herbicida (Herbicide)	1,0-4,0 L/ha	30	SL	I	III	Sumitomo	Glicina substituída (Glycine derivatives)
Glifosato -Sal de Isopropilamina (Glyphosate)	Gli Ouro	Herbicida (Herbicide)	1,0-5,0 L/ha	30	SL	III	III	Ouro Fino	Glicina substituída (Glycine derivatives)
Glifosato -Sal de Isopropilamina (Glyphosate)	Gliato	Herbicida (Herbicide)	1,0-5,0 L/ha	30	SL	II	III	Prentiss	Glicina substituída (Glycine derivatives)
Glifosato -Sal de Isopropilamina (Glyphosate)	Glifosato 480 Agripec	Herbicida (Herbicide)	1,0-6,0 L/ha	30	SL	I	III	Sumitomo	Glicina substituída (Glycine derivatives)
Glifosato -Sal de Isopropilamina (Glyphosate)	Glifosato 480 SL Alamos	Herbicida (Herbicide)	0,5-6,0 L/ha	30	SL	I	III	Alamos	Glicina substituída (Glycine derivatives)
Glifosato -Sal de Isopropilamina (Glyphosate)	Glifosato Alta 480 SL	Herbicida (Herbicide)	0,5-12,0 L/ha	30	SL	III	III	Alta	Glicina substituída (Glycine derivatives)
Glufosinato - Sal de Amônio (Glufosinate)	Bastnate	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 5	III	Rainbow	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Fascinate BR	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 5	III	UPL	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Finale	Herbicida (Herbicide)	2,0 L/ha	40	SG	I	III	Basf	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Gamonium	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 4	III	Sinon	Homoalanina substituída (Homoalanine)

2. Lista de herbicidas (2- List of herbicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Glufosinato - Sal de Amônio (Glufosinate)	Glucare	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 5	III	Rainbow	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Glufair, Chef	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 5	III	Rainbow	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Glufosinate-ammonium 200 SL Yonon	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 5	III	Yonon	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Glufosinato CCAB 200 SL	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 5	III	CCAB Agro	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Glufosinato Nortox	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 5	III	Nortox	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Off Road	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 4	III	Ouro Fino	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Patrol SL	Herbicida (Herbicide)	2,0 L/ha	40	SL	I	III	Adama	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Sapek Max	Herbicida (Herbicide)	455,0 g/ha	40	SG	Cat 4	III	Cropchem	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Sinfonat	Herbicida (Herbicide)	2,0 L/ha	40	SL	Cat 4	III	Sinon	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Trunfo	Herbicida (Herbicide)	1,5 L/ha	40	SL	N/C	III	UPL	Homoalanina substituída (Homoalanine)
Glufosinato - Sal de Amônio (Glufosinate)	Trusinate Xtra, Serpens 800 Wg	Herbicida (Herbicide)	0,5 kg/ha	40	WG	Cat 5	III	Rainbow	Homoalanina substituída (Homoalanine)
Indaziflam (Indaziflan)	Alion	Herbicida (Herbicide)	150-200 mL/ha	35	SC	III	III	Bayer	Alquilazina (Alkyl Azide)
Pendimetalina (Pendimethalin)	Prowl H2O	Herbicida (Herbicide)	4,5 - 5,0 L/ha	60		Cat 4	II	Basf	Dinitroanilina (Dinitroaniline)
Saflufenacil (Saflufenacil)	Heat	Herbicida (Herbicide)	35-70 g/ha	7	WG	III	III	Basf	Uracila (Uracyl)

2. Lista de herbicidas (2- List of herbicides)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
Sulfentrazone (Sulfentrazone)	Azteca	Herbicida (Herbicide)	1,2 - 1,4 L/ha	200	SC	Cat 5	II	Rotam	Triazolona (Triazolone)
Sulfentrazone (Sulfentrazone)	Boral 500 SC	Herbicida (Herbicide)	1,2-1,4 L/ha	200	SC	Cat 4	II	FMC	Triazolona (Triazolone)
Sulfentrazone (Sulfentrazone)	Gameover	Herbicida (Herbicide)	1,2 - 1,4 L/ha	200	SC	N/C	II	CHDS do Brasil	Triazolona (Triazolone)
Sulfentrazone (Sulfentrazone)	Kicker	Herbicida (Herbicide)	1,2 - 1,4 L/ha	200	SC	Cat 5	II	Sipcam	Triazolona (Triazolone)
Sulfentrazone (Sulfentrazone)	Mauser 500 SC	Herbicida (Herbicide)	1,2 - 1,4 L/ha	200	SC	Cat 5	II	TecnomyI	Triazolona (Triazolone)
Sulfentrazone (Sulfentrazone)	Olasul 500 SC, Sulfenprime	Herbicida (Herbicide)	0,6 - 0,7 kg/ha	200	SC	Cat 5	II	AllierBrasil	Triazolona (Triazolone)
Sulfentrazone (Sulfentrazone)	Surrena	Herbicida (Herbicide)	1,2 - 1,4 L/ha	200	SC	Cat 5	II	Rainbow	Triazolona (Triazolone)
Sulfentrazone (Sulfentrazone)	Título	Herbicida (Herbicide)	1,2 - 1,4 L/ha	200	SC	Cat 5	II	Rainbow	Triazolona (Triazolone)
Sulfentrazone +Diuron (Sulfentrazone + Diuron)	Stone	Herbicida (Herbicide)	1,5-2,8 L/ha	200	SC	Cat 4	II	FMC	Triazolona + Uréia (Triazolinone + Urea)
Trifluralina (Trifluralin)	Premerlin 600 EC	Herbicida (Herbicide)	0,9 - 4,0 L/ha	s/r		Cat 5	II	Adama	Dinitroanilina (Dinitroaniline)

3. Lista de hormônios vegetais e ativadores de plantas (3- List of plant hormones)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
2,4-D (2,4-D)	Aminol 806	Herbicida (Herbicide)	1,0 - 2,0 mL/100L	15	SL	Cat 4	III	Adama	Ácido ariloxialcanóico (Aryloxy alkanolic acid)
Acibenzolar - S - Metílico (acibenzolar-S-methyl)	Bion 500 WG	Ativador de Plantas (Plant Activator)	80,0 g/100 L	s/r	WG	III	III	Syngenta	Benzotiadiazol (benzothiadiazole)
Ácido 4-indol-3- ilbutírico + Ác. giberélico (GA3) + Cinetina (4-indol-3-ylbutyric acid + gibberellic acid + kinetin)	Stimulate	Regulador de crescimento (Growth regulator)	1 L/ha	s/r	SL	IV	IV	Stoller	Ácido indolalcanóico + Giberelina + Citocinina (Indolebutyric acid + gibberellin + cytokinin)
Ácido giberélico (Gibberellic acid)	Pro-Gibb	Regulador de crescimento (Growth regulator)	400 g/2000 L	s/r	SP	II	IV	Sumitomo	Giberelina (Gibberellin)
Ácido giberélico (Gibberellic acid)	Progibb 400	Regulador de crescimento (Growth regulator)	6,25 g/100 L	s/r	WG	III	IV	Sumitomo	Giberelina (Gibberellin)

4. Lista de feromônios e formicidas (4- List of pheromones and ant bait)

Ingrediente Ativo (Active ingredient)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Grupo Químico (Chemical group)
(E)-8-Dodecenol + Acetato de (E)-8-dodecenila (E)-8-Dodecenol + (E)-8-Dodecenyl acetate)	Ferocitrus Furão	Feromônio (Pheromone)	1 armadilha/10 há ou 1 armadilha/3000-3500 Plantas	-	FF	IV	IV	Coopercitrus	Álcool insaturado + Acetato insaturado (Unsaturated alcohol + Unsaturated acetate)
Fipronil (Fipronil)	Blitz	Formicida (Formicide)	5,0-10,0 g/m ²	nd	GB	IV	II	Basf	Pirazol (Pyrazole)
Indoxacarbe + Fipronil (Indoxacarb + Fipronil)	Landrin	Formicida e Inseticida (Formicide and Insecticide)	6,0 - 10,0 g/m ²	s/r	GB	Cat 5	II	Landrin	Oxadiazina + Pirazol (Oxadiazine + Pyrazole)
Sulfluramida (Sulfluramid)	Fluramim	Formicida (Formicide)	6,0-30,0 g/m ²	nd	GB	IV	II	Adama	Sulfonamida fluoroalifática (fluoroaliphatic sulfonamide)
Sulfluramida (Sulfluramid)	Formicida Granulado Dinagro-S	Formicida (Formicide)	6,0-10,0 g/m ²	nd	GB	IV	III	Dinagro	Sulfonamida fluoroalifática (fluoroaliphatic sulfonamide)
Sulfluramida (Sulfluramid)	Grão Verde AG	Formicida (Formicide)	6,0-10,0 g/m ²	nd	GB	III	III	DIPIL	Sulfonamida fluoroalifática (fluoroaliphatic sulfonamide)
Sulfluramida (Sulfluramid)	Isca Formicida Atta Mex-S	Formicida (Formicide)	6,0-10,0 g/m ²	nd	GB	IV	III	Unibrás	Sulfonamida fluoroalifática (fluoroaliphatic sulfonamide)
Sulfluramida (Sulfluramid)	Mirex-S	Formicida (Formicide)	6,0-20,0 g/m ²	nd	GB	IV	III	Atta Kill	Sulfonamida fluoroalifática (fluoroaliphatic sulfonamide)
Sulfluramida (Sulfluramid)	Mirex-S 2	Formicida (Formicide)	6,0-10,0 g/m ²	nd	GB	IV	III	Atta Kill	Sulfonamida fluoroalifática (fluoroaliphatic sulfonamide)
Trimedlure (Trimedlure)	Bio Trimedlure	Feromônio (Pheromone)	1 armadilha/ha	-	GE	IV	-	Bio Controle	Ésteres saturados (Saturated esters)
Trimedlure (Trimedlure)	Isclure TML Plug	Feromônio (Pheromone)	1 armadilha/ha	-	GE	-	-	ISCA tecnologias	Ésteres saturados (Saturated esters)

5. Lista de agentes biológicos (5- List of biological agents)

Agente Biológico <i>(Biological agent)</i>	Produto registrado <i>(Product name)</i>	Classe <i>(Classification)</i>	Dose registro <i>(Dosage)</i>	Carência - dias <i>(Pre Harvest Interval - days)</i>	Formulação <i>(Formulate)</i>	Classificação toxicológica <i>(Toxicological classification)</i>	Classificação ambiental <i>(Environmental classification)</i>	Registrante <i>(Company)</i>	Classificação <i>(Classification)</i>
Bacillus amyloliquefaciens	Duravel	Fungicida Microbiológico <i>(Microbiological Fungicide)</i>	0,5-1,0 kg/ha	s/r	WP	III	IV	Basf	Biológico <i>(Biological)</i>
Bacillus amyloliquefaciens	Eco-Shot	Fungicida Microbiológico <i>(Microbiological Fungicide)</i>	0,1-4,0 kg	s/r	WG	III	IV	Iharabras	Biológico <i>(Biological)</i>
Bacillus amyloliquefaciens	FX Protection	Fungicida Microbiológico <i>(Microbiological Fungicide)</i>	75,0 - 500,0 mL/ha	-	SC	Cat 5	IV	Bioma	
Bacillus amyloliquefaciens	NemaControl	Fungicida e Nematicida Biológico <i>(Biological Fungicide and Nematicide)</i>	0,1 - 1,0 L/ha	s/r	SC	Cat 5	IV	Simbiose	
Bacillus amyloliquefaciens	No-Nema	Nematicida Microbiológico <i>(Microbiological Nematicide)</i>	0,5-4,0 L/ha	s/r	SC	IV	IV	Vittia	Biológico <i>(Biological)</i>
Bacillus amyloliquefaciens	Twixx-A, Bio Braza, Amosbio Goplan	Fungicida Microbiológico <i>(Microbiological Fungicide)</i>	0,5 - 4,0 L/ha	s/r	SC	Cat 5	IV	Agrivalle	
Bacillus amyloliquefaciens + Bacillus velezensis + Bacillus thuringiensis	Biomagno, Bioharmer	Fungicida e Nematicida Biológico <i>(Biological Fungicide and Nematicide)</i>	50,0 - 3000,0 mL/ha	s/r	SC	Cat 5	IV	Total Biotecnologia	
Bacillus aryabhatai + Bacillus haynesii + Bacillus circulans	Bioasis Power	Regulador de crescimento <i>(Growth regulator)</i>	0,025 - 0,5 L/ha	s/r	SC	Cat 5	IV	Total Biotecnologia	
Bacillus methylotrophicus	Onix OG	Nematicida Microbiológico <i>(Microbiological Nematicide)</i>	0,6 L/ha	s/r	SC	IV	IV	Lallemand	Biológico <i>(Biological)</i>
Bacillus pumilus	BTP 005-19	Fungicida Microbiológico <i>(Microbiological Fungicide)</i>	50,0-800,0 mL/ha	s/r	SC	Cat 5	IV	Koppert	

5. Lista de agentes biológicos (5- List of biological agents)

Agente Biológico (Biological agent)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Classificação (Classification)
Bacillus pumilus	Caravan	Fungicida Microbiológico (Microbiological Fungicide)	50,0-800,0 mL/ha	s/r	SC	Cat 5	IV	Koppert	
Bacillus subtilis	Bio-imune	Fungicida Microbiológico (Microbiological Fungicide)	0,5-8,0 L/ha	s/r	SC	IV	IV	Vittia	Biológico (Biological)
Bacillus subtilis	Biobac	Fungicida, Bactericida e Nematicida microbiológico (Fungicide, Bactericide and Microbiological Nematicide)	0,8-4,0 kg/100 L	s/r	WP	IV	IV	UPL	Biológico (Biological)
Bacillus subtilis	Biobaci	Nematicida Microbiológico (Microbiological Nematicide)	1,5-6,0 L/ha	s/r	SC	IV	IV	Vittia	Biológico (Biological)
Bacillus subtilis	Furatrop, Nematrop, Biotrinsic Nemafree, Submax	Fungicida e Nematicida Biológico (Biological Fungicide and Nematicide)	0,05 - 1,2 L/ha	s/r	SC	N/C	IV	Total Biotecnologia	
Bacillus subtilis	Rizos OG	Nematicida Microbiológico (Microbiological Nematicide)	4,0-8,0 L/ha	s/r	SC	IV	IV	Lallemand	Biológico (Biological)
Bacillus subtilis	Serenade	Bactericida e Fungicida microbiológico (Microbiological bactericide and fungicide)	2,0-4,0 L/ha	s/r	SC	III	IV	Bayer	Biológico (Biological)
Bacillus subtilis + Bacillus licheniformis	Quartzo	Nematicida Microbiológico (Microbiological Nematicide)	130-200 g/ha	s/r	WS	III	IV	FMC	Biológico (Biological)

5. Lista de agentes biológicos (5- List of biological agents)

Agente Biológico (Biological agent)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Classificação (Classification)
Bacillus subtilis + Bacillus velezensis + Bacillus pumilus	Bombardeiro, Lastro	Fungicida Microbiológico (Microbiological Fungicide)	0,2-0,4 L/ha	s/r	SC	Cat 5	IV	Total Biotecnologia	
Bacillus subtilis + Bacillus velezensis + Bacillus pumilus	Lastro	Fungicida Microbiológico (Microbiological Fungicide)	0,2-0,4 L/ha	s/r	SC	Cat 5	IV	Biotrop	
Bacillus subtilis + Bacillus velezensis + Bacillus pumilus	Reverb	Fungicida Microbiológico (Microbiological Fungicide)	1,0 - 4,0 L/ha	s/r	SC	Cat 5	IV	Total Biotecnologia	
Bacillus thuringiensis	Able	Inseticida Biológico (Biological Insecticide)	50,0 mL/100 L	s/r	SC	III	IV	Mitsui	Biológico (Biological)
Bacillus thuringiensis	Agree	Inseticida Biológico (Biological Insecticide)	50,0 g/100 L	s/r	WP	III	IV	Bio Controle	Biológico (Biological)
Bacillus thuringiensis	BT Protection	Inseticida Microbiológico (Microbiological Insecticide)	0,75 - 1,32 L/ha	s/r	SC	Cat 5	IV	Bioma	
Bacillus thuringiensis	BT-Turbo Max	Inseticida Microbiológico (Microbiological Insecticide)	0,5-1,0 L/ha	s/r	SC	IV	IV	Vittia	Biológico (Biological)
Bacillus thuringiensis	Bac Control Max EC	Inseticida Biológico (Biological Insecticide)	22,0 a 27,0 mL/100 L	s/r	EC	IV	IV	Vector Control	Biológico (Biological)
Bacillus thuringiensis	Bac-Control WP	Inseticida Biológico (Biological Insecticide)	50,0 g/100 L	s/r	WP	IV	IV	Vector Control	Biológico (Biological)
Bacillus thuringiensis	BtControl	Inseticida Biológico (Biological Insecticide)	500,0-750,0 g/ha	s/r	SC	IV	IV	Simbiose	Biológico (Biological)

5. Lista de agentes biológicos (5- List of biological agents)

Agente Biológico (Biological agent)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Classificação (Classification)
Bacillus thuringiensis	Costar	Inseticida Microbiológico (Microbiological Insecticide)	40-60 g/100 L	s/r	WG	I	IV	Mitsui	Biológico (Biological)
Bacillus thuringiensis	Crystal	Inseticida Microbiológico (Microbiological Insecticide)	1,0 L/ha	s/r	SC	IV	IV	Lallemand	Biológico (Biological)
Bacillus thuringiensis	Dipel	Inseticida Biológico (Biological Insecticide)	1-1,5 L/2000 L	s/r	SC	IV	IV	Sumitomo	Biológico (Biological)
Bacillus thuringiensis	Dipel WG	Inseticida Biológico (Biological Insecticide)	25,0-37,5 g/100 L	s/r	WG	II	IV	Sumitomo	Biológico (Biological)
Bacillus thuringiensis	Dipel WP	Inseticida Biológico (Biological Insecticide)	50,0 g/100 L	s/r	WP	II	IV	Sumitomo	Biológico (Biological)
Bacillus thuringiensis	Helymax EC	Inseticida Microbiológico (Microbiological Insecticide)	33-40,5 mL/100 L	s/r	EC	IV	IV	Ballagro	Biológico (Biological)
Bacillus thuringiensis	Thuricide	Inseticida Microbiológico (Microbiological Insecticide)	30,0 g/100 L	s/r	WP	IV	IV	Bio Controle	Biológico (Biological)
Bacillus thuringiensis	Thuricide SC	Inseticida Microbiológico (Microbiological Insecticide)	1000-2000 mL/ha	s/r	SC	II	IV	Mitsui	Biológico (Biological)
Bacillus thuringiensis + Brevibacillus laterosporus	Biobrev Full	Inseticida Microbiológico (Microbiological Insecticide)	0,5 - 1,0 L/ha	s/r	SC	Cat 5	IV	Total Biotecnologia	
Beauveria bassiana	Auin CE, Bio Tribal, Goveria Goplan	Inseticida Microbiológico (Microbiological Insecticide)	0,65 L/ha	s/r	EC	Cat 5	IV	Agrivalle	

5. Lista de agentes biológicos (5- List of biological agents)

Agente Biológico (Biological agent)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Classificação (Classification)
Beauveria bassiana	Ballvéria	Inseticida Microbiológico (Microbiological Insecticide)	0,15-8,0 kg/ha	s/r	WP	IV	IV	Ballagro	Biológico (Biological)
Beauveria bassiana	BeauveControl	Inseticida Microbiológico (Microbiological Insecticide)	375-4000 g/ha	s/r	WP	IV	IV	Simbiose	Biológico (Biological)
Beauveria bassiana	Biosparta	Inseticida e Acaricida microbiológico (Insecticide and Microbiological acaricide)	0,34 a 3,64 kg/ha	s/r	WP	Cat 5	IV	Total Biotecnologia	
Beauveria bassiana	Bovemax EC	Inseticida Biológico (Biological Insecticide)	1,5-2,0 L/ha	s/r	EC	IV	IV	Novozymes	Biológico (Biological)
Beauveria bassiana	Boveril WP PL 63	Inseticida Microbiológico (Microbiological Insecticide)	2,0-20 kg/ha	s/r	WP	III	IV	Koppert	Biológico (Biological)
Beauveria bassiana	Bovéria-Turbo	Inseticida e Acaricida microbiológico (Insecticide and Microbiological acaricide)	0,4 a 4,3 kg/ha	s/r	WP	IV	IV	Vittia	Biológico (Biological)
Beauveria bassiana	Granada	Inseticida e Acaricida microbiológico (Insecticide and Microbiological acaricide)	75-500 g/ha	s/r	WP	IV	IV	Lallemand	Biológico (Biological)
Hirsutella thompsonii	SkupaMite	Acaricida microbiológico (Microbiological Acaricide)	1,5-2,5 L/ha	s/r	SL	III	IV	Maneogene	Biológico (Biological)
Isaria fumosorosea	Challenger	Inseticida Microbiológico (Microbiological Insecticide)	100,0-400,0 mL/100 L	s/r	SC	III	IV	Koppert	Biológico (Biological)

5. Lista de agentes biológicos (5- List of biological agents)

Agente Biológico <i>(Biological agent)</i>	Produto registrado <i>(Product name)</i>	Classe <i>(Classification)</i>	Dose registro <i>(Dosage)</i>	Carência - dias <i>(Pre Harvest Interval - days)</i>	Formulação <i>(Formulate)</i>	Classificação toxicológica <i>(Toxicological classification)</i>	Classificação ambiental <i>(Environmental classification)</i>	Registrante <i>(Company)</i>	Classificação <i>(Classification)</i>
Isaria fumosorosea	IsaControl	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	0,1-1,0 L/ha	s/r	OD	Cat 5	IV	Simbiose	
Isaria fumosorosea	Octane	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	1000-1500 mL/ha	s/r	SC	III	IV	Koppert	Biológico <i>(Biological)</i>
Isaria javanica	Izaturbo; Isa-Vit; Isa-Vitt; Biozaria	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	0,5 - 2,0 L/ha	s/r	OD	Cat 5	IV	Vittia	
Metarhizium anisopliae	Bioatena	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	0,5-8,0 kg/ha	s/r	WP	Cat 5	IV	Total Biotecnologia	
Metarhizium anisopliae	Meta-Turbo SC	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	1,0-4,0 L/ha	s/r	SC	-	IV	Vittia	Biológico <i>(Biological)</i>
Metarhizium anisopliae	Metarril WP E9	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	500,0-750,0 g/ha	s/r	WP	IV	IV	Koppert	Biológico <i>(Biological)</i>
Metarhizium anisopliae	Methacontrol	Inseticida Biológico <i>(Biological Insecticide)</i>	1,7-26,7 kg/ha	s/r	WP	IV	IV	Simbiose	Biológico <i>(Biological)</i>
Metarhizium anisopliae	Metiê	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	0,075-2,0 kg/ha	s/r	WP	IV	IV	Ballagro	Biológico <i>(Biological)</i>
Metarhizium anisopliae + Beauveria bassiana	Bioolimpo; Biologic Bravia	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	143-214 g/ha	s/r	WP	Cat 5	IV	Total Biotecnologia	
Metarhizium anisopliae + Beauveria bassiana	Dobbel	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	1,0-1,5 L/ha	s/r	SC	IV	IV	Maneogene	Biológico <i>(Biological)</i>

5. Lista de agentes biológicos (5- List of biological agents)

Agente Biológico <i>(Biological agent)</i>	Produto registrado <i>(Product name)</i>	Classe <i>(Classification)</i>	Dose registro <i>(Dosage)</i>	Carência - dias <i>(Pre Harvest Interval - days)</i>	Formulação <i>(Formulate)</i>	Classificação toxicológica <i>(Toxicological classification)</i>	Classificação ambiental <i>(Environmental classification)</i>	Registrante <i>(Company)</i>	Classificação <i>(Classification)</i>
Neoseiulus californicus	Spical	Acaricida biológico <i>(Biological acaricide)</i>	20.000 ácaros/ha	s/r	Ácarosvivos	-	IV	Koppert	Biológico <i>(Biological)</i>
Paecilomyces fumosoroseus	Aptur-PF	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	1,5-2,0 L/ha	s/r	SL	IV	IV	Maneogene	Biológico <i>(Biological)</i>
Paecilomyces lilacinus	Nemakill	Nematicida Microbiológico <i>(Microbiological Nematicide)</i>	1,0-4,0 L/ha	s/r	SL	IV	IV	Maneogene	Biológico <i>(Biological)</i>
Paecilomyces lilacinus	Nemat	Nematicida Microbiológico <i>(Microbiological Nematicide)</i>	100,0-600,0 g/ha	s/r	WP	IV	IV	Ballagro	Biológico <i>(Biological)</i>
Phytoseiulus macropilis	Celta	Acaricida biológico <i>(Biological acaricide)</i>	100.000 ácar./ha	s/r	Ácaros vivos	N/C	IV	Koppert	
Pseudomonas fluorescens + Pseudomonas chlororaphis	Aevo	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	0,4 - 1,6 L/ha	s/r	SC	Cat 5	IV	Total Biotecnologia	
Pseudomonas fluorescens + Pseudomonas chlororaphis	Biokato, Bioddam	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	0,4 - 1,6 L/ha	s/r	SC	Cat 5	IV	Total Biotecnologia	
Pseudomonas fluorescens + Pseudomonas chlororaphis	Takotrop	Inseticida Microbiológico <i>(Microbiological Insecticide)</i>	0,4 - 1,6 L/ha	s/r	SC	Cat 5	IV	Total Biotecnologia	
Trichoderma asperellum	Bio-Hulk	Fungicida Microbiológico <i>(Microbiological Fungicide)</i>	0,2-0,8 L/ha	s/r	EC	IV	IV	Vittia	Biológico <i>(Biological)</i>
Trichoderma asperellum	Quality	Fungicida Microbiológico <i>(Microbiological Fungicide)</i>	0,1 kg/ha	s/r	WG	III	IV	Lallemand	Biológico <i>(Biological)</i>
Trichoderma asperellum	Tricho-Turbo	Fungicida Microbiológico <i>(Microbiological Fungicide)</i>	0,2-0,8 L/ha	s/r	EC	IV	IV	Vittia	Biológico <i>(Biological)</i>

5. Lista de agentes biológicos (5- List of biological agents)

Agente Biológico (Biological agent)	Produto registrado (Product name)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Formulação (Formulate)	Classificação toxicológica (Toxicological classification)	Classificação ambiental (Environmental classification)	Registrante (Company)	Classificação (Classification)
Trichoderma harzianum	Ecotrich WP	Fungicida Microbiológico (Microbiological Fungicide)	0,15-0,25kg/ha	s/r	WP	IV	IV	Ballagro	Biológico (Biological)
Trichoderma harzianum	StimuControl	Fungicida Biológico (Biological Fungicide)	1,5-2,5 L/ha	s/r	SC	III	IV	Simbiose	Biológico (Biological)
Trichoderma harzianum	Trichodermil SC 1306	Fungicida e Nematicida Biológico (Biological Fungicide and Nematicide)	0,5-1,0 L/ha	s/r	SC	III	IV	Koppert	Biológico (Biological)
Trichogramma pretiosum	Hunter	Agente Biológico de Controle (Biological Control Agent)	100.000- 750.000 adultos/ha	s/r	Insetos Vivos	-	IV	Koppert	Biológico (Biological)
Vírus chrysoideixis includens nucleopolihedrovirus + Vírus helioverpa armigera nucleopolihedrovirus	Diplomata Evo	Inseticida Microbiológico (Microbiological Insecticide)	50,0 - 200,0 mL/ha	s/r	SC	N/C	IV	Koppert	

6. Lista de defensivos de uso alternativo (6- List of alternative pesticides)

Produto registrado (Product name)	Composição (Composition)	Classe (Classification)	Dose registro (Dosage)	Carência - dias (Pre Harvest Interval - days)	Grupo Químico (Chemical group)
Calda Bordalesa	Sulfato de cobre + cal virgem + água	Fungicida (Fungicide)	0,6 a 1% / 100 L	-	-
Calda Sulfocálcica	Enxofre + cal virgem + água	Fungicida, Inseticida e Acaricida (Fungicide, Insecticide and Acaricide)	1,0 L / 30-50 L	-	-
Pasta Bordalesa	Sulfato de cobre + cal virgem + água	Fungicida (Fungicide)	Pincelamento	-	-

ProteCitrus - Produtos para Proteção da Citricultura (*ProteCitrus - Citrus Protection Products*)

Formulação (<i>Formulate</i>)	
CB	Isca Concentrada (<i>Concentrate bait</i>)
DC	Concentrado Dispersível (<i>Dispersible Concentrate</i>)
EC	Concentrado Emulsionável (<i>Emulsifiable concentrate</i>)
ED	Líquido Eletro Aplicável (<i>Electro-dynamic (liquid)</i>)
EW	Emulsão Óleo em Água (<i>Emulsion, oil-in-water</i>)
FF	Fumigante em Pastilhas (<i>Smoke Tablet</i>)
GB	Isca Granulada (<i>Granular bait</i>)
GE	Gerador de Gás (<i>Gas generating product</i>)
GR	Granulado (<i>Granule</i>)
HN	Concentrado Termo Nebulizável (<i>Hot fogging concentrate</i>)
KN	Concentrado Termo Nebulizável à Frio (<i>Cold fogging concentrate</i>)
PA	Pasta (<i>Paste</i>)
SC	Solução Concentrada (<i>Suspension concentrate</i>)
SG	Granulado Solúvel (<i>Soluble Granules</i>)
SL	Concentrado Solúvel (<i>Soluble (liquid) concentrate</i>)
SP	Pó Solúvel (<i>Soluble powder</i>)
UL	Ultra Baixo Volume (<i>Ultra-low volume (ULV) liquid</i>)
WG	Granulos Dispersíveis em Água (<i>Water dispersible granules</i>)
WP	Pó Molhável (<i>Wettable powder</i>)
WS	Pó para Preparação de Pasta em Água (<i>Powder for Preparation of Paste in Water</i>)

CLASSIFICAÇÃO DOS PRODUTOS QUANTO A TOXICIDADE (<i>TOXICOLOGICAL CLASSIFICATION</i>)	
TOXICIDADE AO HOMEM (<i>TOXICITY TO MAN</i>)	
Cat 1	Categoria 1 - Produto Extremamente Tóxico - faixa vermelha (<i>Category 1 - Extremely Toxic Product</i>)
Cat 2	Categoria 2 - Produto Altamente Tóxico - faixa vermelha (<i>Category 2 - Highly Toxic Product</i>)
Cat 3	Categoria 3 - Produto Moderadamente Tóxico - faixa amarela (<i>Category 3 - Moderately Toxic Product</i>)
Cat 4	Categoria 4 - Produto Pouco Tóxico - faixa azul (<i>Category 4 - Low Toxic Product</i>)
Cat 5	Categoria 5 - Produto Improvável de Causar Dano Agudo - faixa azul (<i>Category 5 - Improbable Product to Cause Acute Damage</i>)
I	Produto extremamente tóxico (<i>Extremely toxic product</i>)
II	Produto altamente tóxico (<i>Highly toxic product</i>)
III	Produto mediamente tóxico (<i>Medium toxic product</i>)
IV	Produto pouco tóxico (<i>Low toxic product</i>)
N/C	Não classificado - Produto Não Classificado - faixa verde (<i>Unclassified - Unclassified Product</i>)
PERICULOSIDADE AMBIENTAL (<i>ENVIRONMENTAL DANGEROUSNESS</i>)	
I	Produto altamente perigoso (<i>Highly product dangerous</i>)
II	Produto muito perigoso (<i>Very dangerous product</i>)
III	Produto perigoso (<i>Dangerous product</i>)
IV	Produto tóxico (<i>Toxic product</i>)
Legenda geral (<i>General caption</i>)	
-	Não Informado (<i>Not Informed</i>)
nd	Não definido (<i>No Defenitions</i>)
S/R	Sem Restrição (<i>No Restrictions</i>)