

1. INSETICIDAS, ACARICIDAS, FUNGICIDAS E HERBICIDAS UTILIZADOS NA PRODUÇÃO INTEGRADA . DE CITROS - BRASIL

Ingrediente Ativo	Produto Registrado	Classe	Dose Registro (mL ou g /100L)	Carência (d)	Form	Tox	Amb	Registrante	Grupo Químico
Abamectin	Abamectin Nortox	Inseticida/Acaricida	15,0 - 30,0	7	EC	III	III	Nortox	Avermectina
	Abamex		20,0		EC	II	III	Bernardo Química	
	Grimectin		15,0 - 30,0		EC	I	III	Rotam	
	Kraft 36 CE		7,5 - 15,0		EC	I	II	Cheminova	
	Vertimec 18 CE		10,0 - 30,0		EC	III	II	Syngenta	
Acetamiprid	Convence	Inseticida	1,5 - 5,0 mL/planta	60	SL	II	III	Iharabras	Neonicotinóide
Acrinathrin	Rufast 50 SC	Inseticida/Acaricida	10,0	21	SC	IV	III	Bayer	Piretróide
Aldicarb	Temik 150	Insetic/Acaric/Nematicida	25,0-130,0 g/cova	60	GR	I	III	Bayer	Metilcarbamato
Azoxycotolin	Caligur	Acaricida	50,0	21	SC	II	I	Bayer	Organicoestânico
Azoxystrobin	Amistar	Fungicida	16,0	50	WG	IV	III	Syngenta	Estrobilurina
Bacillus thuringiensis	Dipel	Inseticida Biológico	50,0 - 75,0	s/r	SC	IV	IV	Sumitomo Chemical	Biológico
	Dipel WP		50,0		WP	IV	III		
Beta-cyfluthrin	Full	Inseticida	12,5-25,0	21	EC	II	II	Bayer	Piretróide
	Turbo		12,5-25,0		EC	II	II		
Bifenthrin	Talstar 100 CE	Inseticida/Acaricida	7,5-20	7	EC	III	III	FMC	Piretróide
Captan	Captan 500 PM	Fungicida	240,0	7	WP	III	*	Arysta	Dicarboximida
	Orthocide 500		240,0				-		
Carbendazin	Derosal 500 SC	Fungicida	50-100	7	SC	III	III	Bayer	Benzimidazol
Carbosulfan	Marshal 200 SC	Inseticida	50,0	7	SC	II	II	FMC	Metilcarbamato
Chlorpyrifos	Nufos 480 EC	Inseticida/Acaricida	100-150	21	EC	I	II	Cheminova	Organofosforado
	Astro		100,0 - 150,0		EW	III	II	Bayer	
	Clorpirifós 480 CE Milenia		200,0		EC	II	-	Milenia	
	Lorsban 480 BR		100-200		EC	II	II	Dow AgroSciences	
	Sabre		100-150		EW	III	II		
	Vexter		100,0-200		EC	II	II		
Cyhexatin	Acarimate	Acaricida	50,0	30	WP	II	II	Sipcam	Organoestânico
	Acarstin		30,0 - 40,0		WG	I	III	Sipcam	
	Sipcatin 500 SC		50,0		SC	I	II	Sipcam	
Deltamethrin	Decis 25 CE	Inseticida	15-50	21	EC	III	I	Bayer	Piretróide
	Decis Ultra 100 CE		3,5-7,5		EC	I	II		
	Keshet 25 CE		30-50		EC	I	II		
Dibrometo de diquat	Reglone	Herbicida	1,5 - 2,5 L/ha	14	SL	III	II	Syngenta	Bipiridílio
Dicloreto de Paraquat	Gramoxone 200	Herbicida	1,5-3,0 L/ha	1	SL	II	II	Syngenta	Bipiridílio
Dicofol	Dicofol Milenia EC	Acaricida	200,0	14	EC	II	II	Milenia	Organoclorado
	Dik 185 CE		200,0		EC	I	II	Agricur	
	Kelthane CE		200,0		EC	II	II	Dow AgroSciences	
	Kelthane 480		77,0		EC	II	II	Dow AgroSciences	
	Tricofol		77,0		EC	I	I	Milenia	
Difenoconazole	Score	Fungicida	20,0	30	EC	I	II	Syngenta	Triazol
Dimetoato	Agriotoato 400	Inseticida/Acaricida	150-250	3	EC	I	-	Agricur	Organofosforado
	Dimetoato CE		190-500		EC	I	-	Milenia	
	Dimetoato 500 CE Nortox		10-300		EC	I	II	Nortox	
	Dimexion		100-500		EC	I	II	Cheminova	
	Perfekthion		100-200		EC	I	II	Basf	
	Tiomet 400 CE		100-500		EC	I	II	Sipcam	
Dinocap	Karathane CE	Acaricida/Fungicida	50,0	7	EC	I	I	Dow AgroSciences	Dinitrofenol
Enxofre	Cover DF	Acaricida/Fungicida	300-500	s/r	WG	IV	IV	Basf	Inorgânico
	Higherop 680 SC		250-300		SC	IV	IV	Iharabras	
	Kumulus DF		300-500		WG	IV	IV	Basf	
	Microzol		300,0		SC	IV	III	Microquímica	
	Nutrixofre 800		500-600		SC	IV	IV	Samaritá	
	Sulfur 800		300,0		SC	IV	IV	Stoller	
	Sulfure 750		125,0-250		SC	IV	IV	Bio Soja	
	Thiovit Jet		200,0 - 300,0		WG	III	IV	Syngenta	
Espirodiclofen	Envidor	Acaricida	20,0 - 25,0	21	SC	III	III	Bayer	Cetoenol
Ethion	Ethion 500	Inseticida/Acaricida	100-200	15	EC	I	II	Bayer	Organofosforado
Ethofenprox	Trebon 100 SC	Inseticida	0,01 - 0,025	7	SC	III	III	Sipcam	Éter difenilico
Fenbutatin oxide	Partner	Acaricida	60-80	14	SC	III	*	Sipcam	Organoestânico
	Tanger 500		60-80		SC	III	II	Du Pont	

	Torque 500 SC		60-80		SC	III	II	Basf	
Flufenoxuron	Cascade 100	Inseticida/Acaricida	30,0 - 50,0	15	EC	I	II	Basf	Benzoiluréia
Folpet	Folpan Agricur 500 WP	Fungicida	190,0	7	WP	III	*	Agricur	Dicarbaximida
	Folpan Agricur 800 WDG		150-200		WDG	III	III		
Fosmet	Imidan 500 WP	Inseticida	200,0	14	WP	III	III	Cross Link	Organofosforado
Gama-cyhalothrin	Nexide	Inseticida	2,5 - 5,0	7	CS	III	II	Cheminova	
	Stallion 150 CS		2,5 - 5,0		CS	III	II	Dow AgroSciences	
	Stallion 60 CS		6,0 - 12,0		CS	III	II		
Glyfosate	Direct	Herbicida	0,5-3,5 L/ha	30	WG	IV	III	Monsanto	Glicina Substituída
	Glifos		2,0 L / ha		SL	II	III	Cheminova	
	Glifosato Alkagro		2,0 - 5,0 L / ha		SL	III	III	Alkagro	
	Glifosato Atanor		1,0 - 3,0 L/ha		SL	II	III	Atanor	
	Glifosato Nortox		1,0 - 6,0 L / ha		SL	IV	III	Nortox	
	Glifosato Nufarm		1,5 - 5,0 L / ha		SL	II	III	Nufarm	
	Glifosato 480 Agripec		1,0 - 6,0 L / ha		SL	IV	III	Agripec	
	Glifosato 480 Helm		1,0 - 4,0 L / ha		SL	IV	III	Helm do Brasil	
	Glister		1,0 - 4,0 L / ha		SL	II	III	Simon	
	Gliz BR		1,0 - 6,0 L / ha		SL	IV	III	Dow AgroSciences	
	Pilarsato		1,0 - 5,0 L / ha		SL	III	III	Pilarquim	
	Polaris		0,5 - 5,0 L / ha		SL	IV	III	Du Pont	
	Radar		0,5 - 5,0 L / ha		SL	IV	III	Monsanto	
	Roundup Multiacção		0,5 - 2,5 L / ha		WG	IV	III	Monsanto	
	Roundup Original		0,5 - 12,0 L / ha		SL	IV	III	Monsanto	
	Roundup WG		0,5 - 3,5 L / ha		WG	IV	III	Monsanto	
	Rustler		0,5 - 5,0 L / ha		SL	IV	III	Monsanto	
	Stinger		0,5 - 5,0 L / ha		SL	IV	III	Monsanto	
	Trop		1,0 - 6,0 L / ha		SL	IV	III	Milenia	
	Hexythiazox		Savey PM		Acaricida	1,5 - 3,0	30	WP	
Hidróxido de Cobre	Garant	Fungicida	0,85 - 1,7 Kg / ha	7	WP	IV	III	Griffin	Inorgânico
	Garra 450 WP		200,0		WP	III	III	Oxiquímica	
	Kocide WDG Bioactive		75,0		WG	III	II	Griffin	
	Supera		150,0 - 200,0		SC	III	III	Oxiquímica	
Imazalil	Magnate 500 CE	Fungicida	200,0	-	EC	I	II	Agricur	Imidazol
Imidacloprid	Confidor 700 WG	Inseticida	5,0-10	21	WG	IV	III	Bayer	Neonicotinóide
	Provado 200 SC		15,0 - 50,0		SC	III	III		
	Winner		2,5 - 5,0 mL / planta		SL	III	III		
Lambda-cyhalothrin	Karate Zeon 50 CS	Inseticida	200,0 - 400,0	21	CS	III	II	Syngenta	Piretróide
Malathion	Malathion 1000 EC Cheminova	Inseticida/Acaricida	150-200	7	EC	II	*	Cheminova	Organofosforado
	Malathion 500 EC Cheminova		350,0		EC	III	*		
Mancozeb	Cuprozeb	Acaricida/Fungicida	300,0	s/r	WP	IV	II	Sipcam Agro	Inorganico
	Dithane NT		150,0 - 250,0	14	WP	III	II	Dow AgroSciences	
	Mancozeb Sanachem 800 WP		150,0	14	WP	II	II		
	Manzate GrDA		100,0	21	WG	III	-		
	Manzate 800		100,0	14	WP	III	*	Du Pont	
	Midas BR		100,0	s/r	WG	II	II		
	Penncozeb WG		200,0 - 250,0	14	WG	IV	III	Arysta	
Persist SC	360,0 - 450,0	14	SC	III	-	Dow AgroSciences			
Methidathion	Supracid 400 EC	Inseticida	100-125	28	EC	II	II	Syngenta	Organofosforado
	Suprathion 400 EC		200,0		EC	I	-	Agricur	
Óleo Mineral	Argenfrut RV	Insetic./Acaric./Fungic.	1000,0	s/r	EC	III	III	Agrovant	Hidrocarboneto Alifáticos
	Assist		1000,0-2000,0		EC	IV	IV	Basf	
	Iharol		1000,0-2000,0		EW	IV	III	Iharabras	
	OPPA BR CE		1.000,0 - 1.500,0		EC	IV	III	Petróleo Brasileiro	
	Spray Oil		1000,0		SO	IV	III	Ipiranga Cial Química	
	Triona		1.000,0 - 1.500,0		EW	IV	III	Basf	
Óleo Vegetal	Agrex Óil vegetal	Inseticida	2.000,0-3.000,0	s/r	EC	IV	IV	Microquímica	Esteréis de Ác. Graxos
	Agro-Oil		2.000,0 - 3.000,0		EC	IV	IV	Samaritá	
	Graxol		2.000,00		EC	IV	IV	Agrária	
	Natur' Óleo		1.000,0 - 3.000,0		EW	IV	IV	Stoller	
	Óleo Vegetal Nortox		2.000,00		EC	IV	IV	Nortox	
	Quimióleo		1.000,0 - 2.000,0		EW	IV	IV	Fênix Agro-Pecus	

	Veget Oil		1.000,0 - 2.000,0		EC	IV	IV	Oxiquímica		
Oxicloreto de Cobre	Agrinose	Fungicida	400,0	7	WP	IV	*	Agripec	Inorgânico	
	Cobox		250,0		WP	IV	III	BASF		
	Cobox DF		250,0		WG	IV	III			
	Cupravit Azul BR		300,0		WP	IV	IV	Bayer		
	Cupravit Verde		180,0		WP	IV	III			
	Cuprogarb 350		200,0 - 300,0		WP	IV	III	Oxiquímica		
	Cupuran 500 PM		150,0		s/r	WP	IV	III		
	Fungitol Azul		275,0	7	WP	IV	III	Griffin		
	Fungitol Verde		150,0		WP	IV	III			
	Recop		250,0		WP	IV	*	Atanor		
Óxido Cuproso	Redsheild 750	Fungicida	100	7	WP	IV	III	Stoller		
Oxyfluorfen	Goal BR	Herbicida	3,0 - 6,0 L / ha	10	EC	II	*	Dow AgroSciences	Difenil Éter	
Prochloraz	Sportak 450 CE	Fungicida	100,0	7	EC	I	II	Bayer	imidazolil carboxamida	
Propargite	Acarit	Acaricida	100,0	7	EC	II	II	Milenia	Sulfito de alquila-fenoxiciclohexil	
	Omite 720 CE		1,0 - 1,5 L / ha		EC	II	*			
Pyraclostrobin	Comet	Fungicida	10-15,0	7	EC	II	II	BASF	Estrobulurina	
Pyriproxyfen	Cordial 100	Inseticida	50,0 - 75,0	14	EC	I	II	Sumitomo Chemical	Éter Piridil-oxipropílico	
	Tiger 100 CE		50,0 - 75,0		EC	I	II			
Sulfato de Cobre	Agriimaicin 500	Fungicida	2,0 Kg / ha	7	WP	III	II	Laboratórios Pfizer	Inorgânico	
Tebuconazole	Constant	Fungicida	75,0	20	EC	III	II	Bayer	Triazol	
	Elite		75,0		EC	III	II			
	Folicur 200 EC		75,0		EC	III	II			
	Triade		75,0		EC	III	II			
Tiabendazole	Tecto SC	Fungicida	103,0 - 1030,0	-	SC	III	II	Syngenta	Benzimidazol	
	Tecto 600		90,0 - 800,0		WP	IV	*			
Tiacloprid	Alanto	Inseticida	10,0	21	SL	II	III	Bayer	Neonicotinóide	
	Calypso		10,0		SC	III	III			
Thiamethoxam	Actara 10 GR	Inseticida	75,0 g / planta	180	GR	III	III	Syngenta	Neonicotinóide	
	Actara 250 WG		3,0-20,0 g/planta	14-180	WG	III	III			
Thiophanate-methyl	Cercobin 500 SC	Fungicida	100,0	14	SC	IV	III	Iharabras	Benzimidazol	
	Cercobin 700 PM		70,0		WP	IV	II			
	Cerconil PM		200,0		WP	II	-			
	Metiltiofan		90,0		WP	IV	*			Sipcam
	Support		50,0 - 100,0		SC	IV	III			Sipcam
Trichlorphon	Dipterex 500	Inseticida/Acaricida	300,0	7	SL	II	*	Bayer	Organofosforado	
Trifloxystrobin	Flint 500 WG	Fungicida	10,0	14	WG	III	II	Bayer	Estrobulurina	

DP - Pó Seco

EC - Conc. Emulsionável

EW-Emulsão Óleo em Água

FF-Fumigante em Pastilhas

GE - Gerador de Gás

GL - Gel Emulsionável

GR - Granulado

* Registro Decreto 24114/34

- Não Informado

IG - Isca Granulada

PA - Pasta

SC - Sol. Concentrada

SL - Concentrado Solúvel

SP - Pó Solúvel

WP - Pó Molhavel

WG - Granulos Dispersíveis em Água

s/r - Sem Restrição

Classificação dos agroquímicos com relação à toxicidade ao homem e à periculosidade ambiental				
Faixa	Toxicidade ao homem		Periculosidade Ambiental	
Vermelho	I	Produto extremamente tóxico	I	Produto altamente perigoso
Amarco	II	Produto altamente tóxico	II	Produto muito perigoso
Azul	III	Produto mediamente tóxico	III	Produto perigoso
Verde	IV	Produto pouco tóxico	IV	Produto tóxico

nd - não definido