

Active Ingredients season/hectare

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Descriptive				Seasons											Series
Aplicações	Products - label (manufacturer)	Active ingredient	Unit	Season Average hectare	15-16		16-17		17-18		18-19		19-20		20-21
					Quantity applied		Quantity applied		Quantity applied		Quantity applied		Quantity applied		Quantity applied
					Total	p/Hectare	Total	Hectare	Total	Hectare	Total	Hectare	Total	Hectare	Total
Herbicides	ETIZOL (NUFARM)	Amitrole (21%) + Ammonium Thiocyanate (19%)	liter	0,86	16,00	5,17									
	MARQUI (SELECTIS)	Glyphosate (isopropylammonium salt) (36%)	liter	3,71	16,00	5,17	16,00	5,17			29,00	9,36			7,90
	CHIKARA (BELCHIM)	Flazassulfuron (25%)	kg	0,04			0,80	0,26							
	ORFEU (SELECTIS)	Flazassulfuron (25%)	kg	0,07					0,80	0,26	0,48	0,15			
	PREMIER 45 ENVISION (CHEMINOVA)	Glyphosate (isopropylammonium salt) (45%)	liter	0,03					0,50	0,16					
	RUMBO EXTRA (IQV)	Glyphosate (isopropylammonium salt) (31,2%)	liter	0,65					12,00	3,87					
	BUGGY NEO (SIPCAM)	Glyphosate (isopropylammonium salt) (31,2%)	liter	0,97									18,00	5,812	
	KATANA (BELCHIM)	Flazassulfuron (25%)	kg	0,09									0,80	0,258	0,79
Fertilisation	QUIZOPE (SELECTIS)	Quizalofop-P-Ethyl (12%)	liter	0,27											4,94
	YARA MILA ACTIVA 20-7-10 (YARA)	N-20% (Nitrate 9,4% + Ammonium 10,6%) / P ₂ O ₅ -7% / K ₂ O-10% / Mg-3% / SO ₃ -10%	kg	0,32							6,00	1,94			
	TECNIFOL 3-8-11 (ADP)	N-3% / P ₂ O ₅ 8% / K ₂ O 11%	liter	0,11							2,00	0,65			
	NITROLUSAL 20,5% (ADP)	N-20,5% (Nitric Nitrogen 10,25% + Ammoniacal Nitrogen 10,25%) / Limestone (7%) (CaO - Calcium Oxide)	kg	0,16									3,00	0,969	
Plant Protection	CADUBAL 15-15-15 (CADUBAL)	N-15% / P-15% / K-15%	kg	0,97											18,00
	FOLPAXIL AZUL (SELECTIS)	Folpete (40%) e Metalaxil (10%)	kg	4,39	24,78	8,00	16,26	5,25	8,26	2,67	16,52	5,33			15,80
	CIMORFARM C (NUFARM)	Cymoxanil (4%) + Copper (40%) (Copper Oxycloride)	kg	1,29			24,00	7,75							
	CIMONIL C (SELECTIS)	Cymoxanil (4%) + Copper Oxycloride (40%)	kg	3,52	17,80	5,75			12,00	3,87	12,00	3,87	11,80	3,810	11,85
	CIMORAME M (SELECTIS)	Cymoxanil (4%) + Mancozeb (46,5%)	kg	1,93					24,00	7,75			11,80	3,810	
	MELODY COBRE (BAYER)	Copper (Oxychloride) (40%) + Iprovalicarb (8%)	kg	0,32							6,00	1,94			
	MELODY (BAYER)	Folpet (56%) + Iprovalicarb (9%)	kg	0,83							5,20	1,68	10,20	3,293	
	TRETACOL F AZUL (BELCHIM)	Benalaxyl (8%) + Folpet (44%)	kg	0,01	0,20	0,06									
	STADIO F (NUFARM)	Benalaxyl-M (3,75%) + Folpet (48%)	kg	1,08					12,00	3,87			8,00	2,583	
	BELVITIS (SELECTIS)	Dimethomorph (6%) + Folpet (25%) + Fosetyl-Aluminum (50%)	kg	0,64									11,80	3,810	
	JAVA (BELCHIM)	Folpet (48%) + Vaniphenalate (6%)	kg	0,43											7,90
	SENADOR F (SELECTIS)	Dimethomorph (11,3%) + Folpet (60%)	kg	0,34											6,32
	Mildium/ Black Rott	VALBON (SIPCAM)	Benthiavalicarb (Isopropyl ester) (1,75%) + Mancozeb (70%)	kg	0,44						8,26	2,67			
	Oidium/ Black Rott	ARIOSTA (SELECTIS)	Kresoxim-methyl (25%) + Penconazole (8,75%)	kg	0,77		3,00	0,97	4,50	1,45	3,60	1,16	1,58	0,510	1,58
		FLINT MAX (BAYER)	Tebuconazole (50%) + Trifloxystrobin (25%)	kg	0,06								0,63	0,203	0,47
	Oidium/ Black Rott	PENCOL (SELECTIS)	Penconazole (10%)	liter	0,03	0,50		0,16							
		KARATHAME STAR (LUSOSEM-DOW)	Meptildinocap (35,7%)	liter	0,03	0,50		0,16							
		ALASKA Micro (SELECTIS)	Sulfur (80%)	kg	9,55	49,50		15,98	16,50	5,33	33,00	10,66	39,50	12,754	39,00
		FLOR D'OURO (SELECTIS)	Sulphur (98,5%)	kg	19,75	45,00		14,53	60,00	19,37	45,00	14,53	95,00	30,674	77,00
		COSAN WDG (NUFARM)	Sulphur (80%)	kg	0,39		7,20	2,32							
		COLLIS (SAPEC)	Boscalid (18,2%) + Kresoxim-methyl (9,1%)	kg	0,20								3,16	1,020	0,59
		AZUFEGA (AUF)	Sulphur (98,5%)	kg	3,34										62,00
		SERCADIS 30 SC (BASF)	Fluxaproxad (26,5%)	liter	0,05										1,00
	Gray Rott	CARDINAL (SELECTIS)	Ciprodinil (50%)	kg	0,01										0,23
	Insecticide	KAISO SORBIE (NUFARM)	Lambda-Cyhalotrin (5%)	kg	0,03	0,30		0,10			0,30	0,10			
		CYTHRIN 10 EC	Cipermethrin (10,9%)	liter	0,16						1,00	0,32	1,00	0,323	0,99
		CONDOR (SELECTIS)	Imidacloprid (17,8%)	liter	0,05	0,50	0,15	0,05	0,30	0,10					0,32