

Active Ingredients season/hectare

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		6	
					Quantity applied		Quantity applied		Quantity applied		Quantity applied		Quantity applied		Quantity applied			
					Total	p/Hectare	Total	Hectare										
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	2,55		
	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	0,26		
QUIZOPE (SELECTIS)	Quizalofop-P-Ethyl (12%)	liter	0,27												4,94	1,60		
Fertilisation	YARA MILA ACTIVA 20-7-10 (YARA)	N-20% (Nitrate 9,4% + Ammonium 10,6%) / P <sub>2</sub> O <sub>5</sub> -7% / K <sub>2</sub> O-10% / Mg-3% / SO <sub>3</sub> -10%	kg	0,32							6,00	1,94						
	TECNIFOL 3-8-11 (ADP)	N-3% / P <sub>2</sub> O <sub>5</sub> 8% / K <sub>2</sub> 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				
	CADUBAL 15-15-15 (CADUBAL)	N-15% / P-15% / K-15%	kg	0,97											18,00	5,81		
Plant Protection	Mildium	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	5,10	
		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	3,83	
		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	2,55	
		SENADOR F (SELECTIS)	Dimethomorph (11,3%) + Folpet (60%)	kg	0,34											6,32	2,04	
	Mildium/ Black Rott	VALBON (SIPCAM)	Benthiavalicarb (Isopropyl ester) (1,75%) + Mancozeb (70%)	kg	0,44							8,26	2,67					
	Oldium/ 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	0,51	
		FLINT MAX (BAYER)	Tebuconazole (50%) + Trifloxystrobin (25%)	kg	0,06									0,63	0,203	0,47	0,15	
	Oldium/ 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	12,59	
		FLOR D'OURO (SELECTIS)	Sulphur (98,5%)	kg	19,75	45,00	14,53	60,00	19,37	45,00	14,53	45,00	14,53	95,00	30,674	77,00	24,86	
		COSAN WDG (NUFARM)	Sulphur (80%)	kg	0,39			7,20	2,32									
		COLLIS (SAPAC)	Boscalid (18,2%) + Kresoxim-methyl (9,1%)	kg	0,20									3,16	1,020	0,59	0,19	
		AZUFEGA (AUF)	Sulphur (98,5%)	kg	3,34											62,00	20,02	
	SERCADIS 30 SC (BASF)	Fluxaproxad (26,5%)	liter	0,05											1,00	0,32		
Gray Rott	CARDINAL (SELECTIS)	Ciprodinil (50%)	kg	0,01											0,23	0,07		
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	0,32		
	CONDOR (SELECTIS)	Imidacloprid (17,8%)	liter	0,05	0,50	0,16	0,15	0,05	0,30	0,10								