



PLANTPRODUCTS

PESTICIDES APPLICATION RATES

2026

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Insecticides

Product	Biologicals			Biologicals					
	Mamba NEW	MaxForce Quantum	Suspend Polyzone	Tetrino	BioTitan WP	BioTitan G	BeetleTerminator! Soluble	GrubTerminator! Granular	Scorpio & insect bait
Active ingredient	Chlorantraniliprole	Imidaclopride	Deltamethrine	Tetraniliprole	Beauveria bassiana	Bacillus thuringiensis	Bacillus thuringiensis		Spinosad
Registration #	35913	30513	34599	33714	33923	33924	33317	33319	33306
Unit size	1,89 L	120 g	900 ml, 4 L	2 L	500 g	10 kg	5 lb	40 lb	20 kg
Rate/100 m ²	1,45 - 11,25 ml		12	11.6 - 23.2 ml	40 - 80 g	1 - 2 kg	125-195 g	1.12-1.65 kg	60 - 500 g
Rate/1 000 ft ²	1,35 - 10,45 ml	0.2 g/m linear	11.5 ml	10.8 - 21.6 ml	37.2 - 74.4 g	2.2 - 4.4 lb	116-181 g	2.3 - 3.4 lb	55.8 - 465 g
Longevity	1 application	Up to 3 months		1 application	3 - 7 days	5 - 7 days	variable	1-2 applications	up to 4 weeks
Product / acre	58,8 - 455 ml	N/A		470-940 ml	1.6 - 3.2 kg	43.5 - 87 kg	5-7.9 kg	100-150 lb	2.4 - 20 kg
Water vol/100 m ²	2 - 16 L	N/A	6 - 15 L	Enough for a good distribution	8 - 10 L	N/A	4-10 L + 1.25 cm of irrigation	1.25 cm of irrigation	N/A
Insects controlled	Annual Bluegrass Weevil, Bluegrass Billbug, Black cutworms, sod webworm, fall armyworm, chinch bugs, larvae of: (European crane fly, Black turfgrass ateniensis, European chafer, Japanese beetle, June beetle)	Ants	Ants, chinch bugs, cutworms, sod webworms, ticks and mosquitos (see label)	European chafer, japanese beetle, northern masked chafer, june beetle, oriental beetle, cutworms, sod webworms, billbugs, annual bluegrass weevil, chinch bugs	Chinch bug, european chafer larvae, japanese beetle larvae		Black turfgrass ateniensis, european chafer, japanese beetle, annual bluegrass weevil		Ants, black cutworm

Herbicides

Herbicide type	Pre-emergent crabgrass			Non-selective				Selective, primary target broad leaf weeds (See labels for rates on Bentgrass)					Selective (Moss control)		Selective (Poa control)	
	Product	Dimension 2EW	TurfMaize Pro	Fiesta Granular	Axxe	Credit Xtreme	Sureguard EZ	Munger Horticultural Vinegar Plus	Fiesta liquid	Fiesta WSG	Mecoprop-P	Trillion OS NEW	Banvel VM	Moss-Aside Moss Killer	Quicksilver	Velocity SP
Active ingredient	Dithiopyr	Corn gluten	Iron	Iron	Fatty acids	Glyphosate	Flumioxazin	Acetic acid	Iron	Iron	Mecoprop-P	2, 4-D, Mecoprop-P, Dicamba	Dicamba	Herbicidal soap	Carfentrazone-ethyl	Bispyribac
Registration #	32844	27865	35168	32719	32719	29888	34035	29405	29535	35170	27891	35733	29249	31344	30142	28833
Unit size	1 L	20 kg	20 kg	9.45 L	9.45 L	10 L	473 ml	10 L/200 L	4 L - 10 L - 800 L	0.6 - 1.2 kg	10 L	10 L	10 L	10 L	237 ml	4 x 56.7 g
Rate/100 m ²	18 - 23 ml	9.7 kg	1.5 - 4 kg	0.52 L (plant 0-3 cm) 1 L (3-6 cm), 1.2 L (6 cm +)	15 - 80 ml	2.98 - 4.48 ml	1 L in 2.25-3 L of water or spray as is	0.8 - 1.6 L	1.3 - 2.6 lb	60 - 90 ml	60 ml	2.8 ml	10 L	10 L	1.5 - 4.9 ml	0.31 - 0.93 g
Rate/1 000 ft ²	16.7 - 21.4 ml	20 lb	3 - 8.2 lb	0.48 L, 0.93 L, 1.14 L	14 - 74.5 ml	2.77 - 4.16		0.7 - 1.5 L	25 - 50 kg	55.7 - 83.6 ml	55.7 ml	2.6 ml	10 L	1.4 - 4.6 ml	0.29 - 0.87 g	
Product / acre	0.73 - 0.932 L	423 kg	60 - 160 kg	20 L, 40 L, 50 L	variable	121 - 181 ml	variable	30.5 - 65.3 L	0.4 - 0.8 acre	2.4 - 3.6 L	2.4 L	113 ml	10 L	59.1 - 198.4 ml	13 - 39 g	
Coverage/case	6.44 - 8.24 acres	200 m ²	0.12 - 0.34 acre	0.4 - 0.9 acre	variable	2.4 - 3.9 acres	variable	0.31 - 0.66 acre	15 - 30 L	5.49 - 8.24 acres	8.24 acres	176 acres	10 L	4.8 - 16 acres	30 - 90 acres	
Water vol/100 m ²	8.14 L	-	N/A	3.25 L - 6.25 L - 7.65 L (Mix 1.6 L in 10 L water)	variable	10 L	variable	1 part/24 parts water	15 - 30 L	10 L	10 L	> 1.1 L	10 L	7 - 10 L	4 - 8 L	

Growth regulator

Product	Quali-Pro T-Nex	Anew
Active ingredient	Trinexapac-ethyl	Prohexadione-calcium 27.5%
Registration #	33385	34508
Rate/100 m ²	4 - 32 ml	1.4 - 11.21 g
Rate/1 000 ft ²	3.7-29.7 ml	1.3 - 10.4 g
Interval	200-300 GDD	280-350 GDD
Product/acre	161.87 ml - 1.3 L	56.6 - 453 g
Coverage/case	5.8 - 46.9 acres	24 - 192 acres
Water vol./100 m ²	2 - 15 L	4 - 8 L
Unit size	3.78 L	4 x 4 x 680 g

Pigment

Product	Vision Pro HD
Active ingredient	Spray pattern indicator
Registration #	
Rate/100 m ²	
Rate/1 000 ft ²	4,74 - 9,48 ml
Interval	-
Product/acre	207 - 413 ml
Coverage/case	18-36 acres
Water vol./100 m ²	4 - 8 L
Unit size	3,78 L

Biostimulant

Product	Turf Pride Pre-Stress 2-0-2
Active ingredient	Betaine, kelp, fulvic acid, amino acid, monosilicic acid, salicylic acid
Registration #	
Rate/100 m ²	Foliar 20-40 ml/100 m ² Soil 80 ml/100 m ²
Rate/1 000 ft ²	Foliar 19-38 ml/1 000 ft ² Soil 76 ml/1 000 ft ²
Interval	Foliar 7-14 days Soil spring, fall
Product/acre	0.8 - 3.24 L
Coverage/case	6.1 - 24.7 acres
Water vol./100 m ²	4 - 8 L
Unit size	10 L

Wetting Agents

Product	Aqueduct Flex	Dispatch	Precip Acres	Precip Granular	Primer	Precision Tabs	Revolution	Sixteen90	Zipline ST
Mode of action	Wetting agent								
Taux/100 m ²	0.5 - 1.25 kg	0.58 - 1.75 L/ha	63 - 255 ml		125 ml	One pellet will cover 6-7 greens when watering 10 min/green depending on water pressure	185 ml	240 ml	64 - 255 ml
Rate/1 000 ft ²	0.47 - 1.16 kg	8 - 24 oz/a	59 - 237 ml		116.1 ml		171.9 L	223 ml	59.2 - 236.8 ml
Product/acre	20.5 - 50.5 kg	236.8 - 710.4 ml	2.5 - 10.3 L	Coming soon	5.06 L		7.49 L	9.7 L	2.6 - 10.3 L
Interval	monthly	1 - 3 weeks	2.5 - 10 L		monthly		monthly	monthly	monthly
Water vol/100 m ²	8 L	3 - 6 L	3.79L		7.5 L	8 L	8 L	8 L	
Unit size	20 kg	10 L, 113.5 L	9.46 L, 113.5 L, 1040 L		10 L, 113.5 L	24 x 6 oz	10 L, 113.5 L, 1 000 L	10 L, 113.5 L	10 L, 113.5 L, 1000 L



Scan the code to obtain the digital version.

Always read and follow label direction.

Fongicides

	Rate/100 m ² and longevity												Product information									
	Anthracnose	Dollar spot		Fusarium	Brown patch	Leaf spot	Take all patch	Summer patch	Pythium	Waitea Circinata	Fairy ring	Snow mould	Algae	Water vol/ 100 m ²	Active ingredient	PCP #	Group	Unit	Acres/Unit	Act. ing. / acre		
Honor	18.3 - 33.3 g 14 - 28 days	20 - 35 g 14 - 28 days		29.8 g 28 days	16.7 - 29.8 g 14 - 28 days	16.7 - 33.3 g 14 - 28 days	33.3 g 28 days	16.8 - 33.6 g 14 - 28 days	26.8 - 33.3 g 14 - 28 days	33.6 g 28 days	33.6 g 28 days	29.8 g	5-15 L	Pyraclostrobin 16.8% + Boscalid 11.2%	32329	11+ 7	1.42 kg 16.3 kg	1.05 - 2.1 a 12 - 24 a	189 - 378 g			
Maxtima	6.25 - 12.5 ml 14 - 21 days	6.25 ml 14-21 days	12.5 ml 21-28 days	12.5 - 25 ml 21 days	25 ml 14 days		12.5 ml 28 days	25 ml 21 - 28 days			25 ml 28 days	12.5 - 25 ml*	6-25 L	Mefentrifluconazole 400 g/L	33406	3	3.16 L	3.1 - 12.5 a	101 - 405 g			
Insignia Pro												17 (grey) - 25 ml	4 - 16 L	Megentrifluconazole 200 g/L + Pyraclostrobin 200 g/L	34892	3 + 11	2.53 L	2.5 - 3.7 a	275 - 405 g			
Lexicon	10 - 15 ml 14 - 28 days	10 - 15 ml 14 - 28 days	15 ml 1 application	15 ml 21 - 28 days	15 ml 14 - 28 days	10 - 15 ml 28 days	15 ml 21 - 28 days	15 ml 14 - 28 days	15 ml 21 - 28 days	15 ml 21 - 28 days	15 ml 21 - 28 days	15 ml	4 - 16 L	Fluxapyroxad 167 g/L + Pyraclostrobin 333 g/L	35238	7+11	610 ml	1 - 1.5 a	202 - 303 g			
Xzemplar		6.7 - 8.3 ml 14 - 28 days		6.7 ml 14 - 21 days	8.3 ml 21 - 28 days		8.3 ml 21-28 days		8.3 ml 21-28 days	8.3 ml 21-28 days	8.3 ml 21-28 days	8.3 ml* (pink)	5 - 15 L	Fluxapyroxad 300 g/L	33778	7	2.02 L	6 - 7.5 a	81 - 100 g			
Disarm	5.8 - 11.5 ml 14 - 28 days	5 - 11.5 ml 14 - 21 days		5.5 - 11.5 ml 14 - 28 days	5.8 - 11.5 ml 14 - 21 days	11.5 ml 28 days	5.8 - 11.5 ml 14 - 28 days	11.5 ml 7 - 14 days	5.8 - 11.5 ml 14 - 21 days			11.5 ml	4 - 16 L	Fluoxastrobin 480 g/L	31857	11	1.4 L	3 - 6 a	113 - 224 g			
Penthion	22.5 - 34.5 ml 14 days	22.5 - 37.5 ml 14 - 21 days		22.5 - 37.5 ml 14 days								53.5 ml (grey)	4 - 8 L	Penthiopyrad 200 g/L	33985	7	5 L	2.15 - 5.5 a	183 - 434 g			
Phostrol Pro	130 - 260 ml 14 days*			*130 ml 14 days						130 - 260 ml 14 days*			4 - 20 L	Mono & dibasic sodium, potassium, ammonium phosphite 53.6%	30449	P07	10 L	0.9 - 1.75 a	4218 - 8436 g			
Polaro												11.5 + 53.5 ml	4 - 8 L	Fluoxastrobin 480g/L + Penthiopyrad 200g/L	34121+34047	11 + 7	1.4 L + 6.5 L	3 a	657 g			
Jade		250 - 500 ml 14 days		270 ml 14 days									4 - 20 L	Mineral oil 94%	34118	NC	20 L	1 - 2 a	8275 - 16549 g			
Renovo		35 - 42 ml		42 - 84 ml								175-245 ml (pink)	min. 8 L	Thiophanate-methyl 500 g/L	32097	1	10 L	0.65-6.5 a	709 - 7090 g			
Kabuto		10 - 14 days		5 - 7 days									min. 8 L	Isofetamide 400 g/L	31759	7	2 L	2.9 - 3.6 a	205 - 257 g			
Segway		12.7 - 28.5 ml 14 - 28 days											7.5 - 15 L	Cyazofamide 400 g/L	32642	21	1 L	0.9 - 1.6 a	232 - 431 g			
Zerotol	190 ml 7 days	40 - 382 ml 7 days		382 ml 7 days									2-3 time at 64 ml 2-3 time every 7 days	200 ml -	11 - 19 ml		Hydrogen peroxide 27%	29508	-	9.46 L	0.6 - 1.23 a	-
Rootshield Plus WP		45 g* 14 days								45 g 14 days			4-20 L	Trichoderma harzianum 1 x 10 ⁷ cfu/g and virens 5.3 x 10 ⁶ cfu/g	30539	NC	1.36 kg 13.6 kg	0.75 7.5	-			
Rhapsody ASO	125 - 250 ml 7-10 days	125 - 250 ml 7-10 days		125 - 250 ml 7 - 10 days									6 - 12 L	Bacillus subtilis 1 x 10 ⁹ CFU/g	28627	BMO2	9.46 L	0.9 - 1.9 a	308 - 617 g			
Fame SC	5.8 - 11.5 ml 14 - 28 days	5 - 11.5 ml 14 - 21 days		5.5 - 11.5 ml 14 - 28 days	5.8 - 11.5 ml 14 - 21 days	11.5 ml 28 days	5.8 - 11.5 ml 14 - 28 days	11.5 ml 7 - 14 days	5.8 - 11.5 ml 14 - 21 days			11.5 ml	4 - 16 L	Fluoxasrobin 480 g/L	31857	11	1.4 L	3 - 6 a	113 - 224 g			
Exteris Stressgard	*140-200 ml 14 - 21 days	140 - 200 ml 14 - 28 days		140 - 200 ml 14 - 21 days	140 - 200 ml 14 - 28 days								6 - 8 L	Fluopyram 12,5 g/L + Trifloxystrobin 12,5 g/L	32206	7 + 11	10 L	1.24 - 1.76 a	142 - 202 g			
Compass 50 WG	3.8 - 4.6 g 14 - 21 days			3.8 g 14 days	4.6 - 6.1 g 14 - 21 days	3.1 g 14 - 21 days						6.1 g before snow	6 - 8 L	Trifloxystrobin 50%	27527	11	454 g	1.7 - 3.36 a	67.5 - 132.9 g			
Signature Xtra Stressgard	60 - 180 g 7 - 14 days			60 - 200 g 7 - 21 days						60 - 180 g 7 - 14 days			6 - 16 L	Fosetyl-al 60%	32800	P07	2.5 kg	0.34 - 1 a	1459 - 4375 g			
Banol										64 ml 7 - 21 days			7.5 - 19 L	Hydrochloride propamocarb 722 g/L	29156	28	3.78 L	1.46 a	1872 g			
Regalia Maxx	2.5 ml* 7-10 days	2.5 ml* 7-10 days		2.5 ml* 7-10 days									4 - 12 L	Extract of Reynoutria Sachalinensis 20%	30199	P5	3.75 L	37	-			
Regalia RX	10 ml* 7-10 days	10 ml* 7-10 days		10 ml* 7-10 days									4 - 12 L	Extract of Reynoutria Sachalinensis 20%	32350	P5	9.5 L	23,5	-			
Tourney	8.4 g 14 - 21 days	8.4 - 11.2 g 14 - 21 days		8.4 - 11.2 g 14 - 21 days				11.2 g 14 days		11.2 g 14 days	11.2 g 14 days		8 - 16 L	Metconazole 50%	30928	3	2.27 kg	5 - 6.7 a	170 - 227 g			
Affirm	27 g 14 days			27 g 14 days	27 g 14 days					27 g 14 days	27 g 14 days	27 g	6 - 8 L	Polyoxin D Zinc Salt 11.3%	32920	19	1.09 kg	1 a	124 g			
FlexGuard 500 SC	16 ml 14 days	16 ml 14 days		16 ml 14 days	16 ml 14 days								2 - 8 L	Fluazinam 500 g/L	35103	29	3.78	6 a	324 g			
Propiconazole	26 - 51 ml 21 - 28 days	26 - 51 ml 21 - 28 days	51 - 103 ml 30 days	51 - 103 ml 14 days	51 - 103 ml 14 days			103 ml 30 days				206 ml	3 - 21 L	Propiconazole 154 g/L	28797	3	5 L 3.78 L	0.6 - 4.75 a 0.45 - 3.6 a	162 - 1285 g			
Pendant 50 DG				6 - 15 g								15 g	4 - 8 L	Fludioxonil 50 %	32728	12	3 kg	4.9 a	122 - 303 g			
Strobe 50 WG	6 - 12 g 14 - 28 days			6 g 14 - 28 days	6 g 14 - 28 days	12 g 14 - 28 days	6 - 12 g 14 - 28 days	12 g 10 - 14 days	6 - 12 g 14 - 28 days	12 g 28 days	18 - 24 g		8 - 16 L	Azoxystrobin 50 %	34229	11	454 g	0.47 - 1.86 a	121 - 486 g			



Bio or reduced impact * Suppression, ** One application/season

Always read and follow label directions.

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