



PLANTPRODUCTS

Insecticides

Product	Acelepryn®	Acelepryn G	Demand® SC	Ference®
Active ingredient	Chlorantraniliprole	Chlorantraniliprole	Lambda-cyhalothrin	Cyantraniliprole
Registration #	28980	33498	27428	33656
Unit size	1.89 L	10 kg	1 L	1.89 L
Rate/100 m²	1.45 - 11.25 ml	145 g - 1.12 kg	3.7 ml	5.85 - 14.62 ml
Rate/1 000 ft²	1.35 - 10.45 ml	135 g - 1.04 kg	3.44 ml	5.43 - 13.58 ml
Longevity	single application	single application	2 applications/year	2 applications/year
Product / acre	58.8 - 455 ml	5.9 - 45.3 kg	149.9 ml	236.5 - 591.55 ml
Coverage / case	16.62 - 128.6 acres	0.22 - 0.74 acres	53.4 acres	12.8 - 21.3 acres
Water vol/100 m²	2 - 16 L	N/A	8 - 10 L	4 - 8 L
Insects controlled	European chafer, Japanese beetle, Black turfgrass atenius, Black cutworm, European crane fly, Annual bluegrass weevil		Ants	Annual bluegrass weevil, Bluegrass billbug, European crane fly, Chinch bugs, Black cutworm, Fall armyworm

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	Axxe®	Roundup WeatherPRO®	Top Gun®	Devrinol® 2-XT	Fiesta®	Mecoprop-P	Oracle®	Trillion®	Moss-Aside® Moss Killer	Velocity® SP	
Active ingredient	Dithiopyr	Ammonium salt of fatty acid	Glyphosate/potassium salt	Fatty acids	Napropamide	Iron	Mecoprop-P	Dicamba	2, 4-D, Mecoprop-P, Dicamba	Herbicidal soap	Bispyribac	
Registration #	32844	32719	33653	29343	25231	29535	27891	26722	27972	31344	28833	
Unit size	1 L	9.45 L	10 L	4 L	10 L	4 L - 10 L - 800 L	10 L	9.46 L	10 L	10 L	4 x 56.7 g	
Rate/100 m²	18 - 23 ml	444 - 1047 ml	5 - 23 ml	0.85 - 1 L in 5 L water	22.5 - 90 g	0.8 - 1.6 L	60 - 90 ml	12.5 ml	60 ml	mix 50 mL in 1 L water	0.31 - 0.93 g	
Rate/1 000 ft²	16.7 - 21.4 ml	413 - 973 ml	4.6 - 21.4 ml		20.9 - 83.6 g	0.7 - 1.5 L	55.7 - 83.6 ml	11.6 ml	55.7 ml		0.29 - 0.87 g	
Product / acre	0.73 - 0.93 L	10 - 44.5 L	variable	variable	0.91 - 3.64 kg	30.5 - 65.3 L	2.4 - 3.6 L	503.6 ml	2.4 L	variable	13 - 39 g	
Coverage/case	6.44 - 8.24 acres	0.4 - 1.9 acres	variable	variable	5.97 - 23.87 acres	0.31 - 0.66 acres	5.49 - 8.24 acres	39.72 acres	8.24 acres	variable	30 - 90 acres	
Water vol/100 m²	2.15 gal	2.5 - 6 L	variable	variable	2 - 9 L	1 part/24 parts water	10 L	1.1 L	10 L	45 - 90 L	4 - 8 L	

Growth Regulator

Product	Anew™	Primo Maxx®	Quali-Pro T-Nex®	Trimmit™
Active Ingredient	Prohexadione-calcium	Trinexapac-ethyl	Trinexapac-ethyl	Paclobutrazol
Registration #	34508	26989	33385	35063
Unit size	4 x 680 g	3.78 L	3.78 L	3.7 L
Rate/100 m²	1.4 - 8.4 g	4 - 32 ml	4 - 32 ml	4.5 - 11.2 ml
Rate/1 000 ft²	1.3 - 7.8 g	3.7 - 29.7 ml	3.7 - 29.7 ml	4.18 - 10.41 ml
Interval	2 weeks	2 - 4 weeks	2 - 4 weeks	7 - 21 days
Product/acre	56.6 - 339.8 g	161.87 ml - 1.3 L	161.87 ml - 1.3 L	182.10 - 453.25 ml
Coverage/case	32 - 192 acres	5.82 - 46.7 acres	5.82 - 46.7 acres	16.68 - 41.50 acres
Water vol./100 m²	4 - 8 L	2 - 15 L	2 - 15 L	4 - 8 L

Wetting Agents

Product	Aqueduct® Flex	Dispatch®	Precip™ Acres	Primer® 604 Liquid	Revolution®	Sixteen90™	Vivax® Oro	Vivax EZ Tabs Rescue	Zipline ST®
Unit size	20 kg	113.5 L	10 L, 113.5 L, 1040 L	10 L, 113.5 L, 210 L	10 L, 113.5 L	10 L, 113.5 L	9.46 L, 208 L	24 x 6 tablets	10 L, 113.5 L, 1 022 L
Rate/100 m²	0.5 - 1.25 kg	0.58 - 1.75 L/ha		125 mL	185 ml	240 ml	159.3 ml	Tablets will last approx. 40minutes	64 - 255 ml
Rate/1 000 ft²	0.47 - 1.16 kg	8 - 24 oz/acres	53 - 237 ml	116.1 mL	171.9 L	223 ml	148 ml		59.2 - 236.8 ml
Product/acre	20.5 - 50.5 kg	236.8 - 710.4 ml	2.57 - 10.32 L	5.06 L	7.49 L	9.7 L	6.45 L	0.28 - 0.14	2.6 - 10.3 L
Interval	monthly	1 - 3 weeks	14-28 days	monthly	monthly	monthly	monthly		monthly
Water vol/100 m²	8 L	3 - 6 L	3.79 L	7.5 L	8 L	8 L	3.79 L		8 L

PESTICIDES APPLICATION RATES 2026

Everything you need to grow



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TANK MIXING GUIDE

Variables such as temperature, pH, water hardness, products used and tank agitation can affect mix compatibility. Read all labels before tank mixing.

- For best results mix in this order:
1. Water Soluble Packages (WSP's)
 2. Water Dispersible Granules (WG / WDG's)
 3. Wettable Powders (WP's)
 4. Suspension Concentrates (SC's)
 5. Oil in Water Emulsions (EW's)
 6. Oil Dispersions (OD's)
 7. Emulsifiable Concentrates (EC's)
 8. Soluble Concentrates (SL's)
 9. Liquid Fertilizers



In order for a pest control product to work properly, it is important that the correct amount be mixed with the recommended amount of water, and also that the solution is applied to the correct area. Always read the entire label before using any pest control product. For more information consult our website or call your Plant Products sales representative.

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DOLLAR SPOT

Product	Ascernity™	Banner Maxx®	Cadence® WDG	Civitas™	Daconil 2787®	Honor®	Lexicon®	Maxtima®	Premis® 200F	Posterity®	Quali-Pro Propi.	Secure®	Tourney®	Velista®	Xzemplar®
Active Ingredient	Benzovindiflupyr + Difenoconazole	Propiconazole	Boscalid	Mineral Oil 98%	Chlorothalonil	Pyraclostrobin + Boscalid	Pyraclostrobin + Fluxapyroxad	Mefentri-fluconazole	Triticonazole	Pydiflumetofen	Propiconazole	Fluazinam	Metconazole	Penthiopyrad	Fluxpyroxad
Registration #	31527	27003	27496	29825	15724	32329	35238	33406	28387	33019	28797	32991	30928	30334	33778
Rate/100 m²	31 ml	26 - 51 ml	3.2 - 5.6 g	250 - 500 ml	48 - 95 ml	20 - 35 g	10 - 15 ml	6.25 - 12.5 ml	16 - 21 ml	2.5 - 5 ml	26 - 51 ml	16 ml	8.4 - 11.2 g	9 - 15 g	6.7 - 8.3 ml
Rate/1 000 ft²	28.8 ml	24.15 - 47.38 ml	3 - 5.2 g	232.25 - 464.5 ml	44.6 - 88.2 ml	18.58 - 32.52 g	9.3 - 13.94 ml	5.8 - 11.6 ml	14.9 - 19.5 ml	2.3 - 4.6 ml	24.2 - 47.4 ml	14.8 ml	7.8 - 10.4 g	8.4 - 13.9 g	6.2 - 7.7 ml
Longevity (days)	14 - 21	21	14 - 28	14	7 - 14	14 - 28	14 - 28	14 - 28	14 - 21	14 - 21	21 - 28	14	14 - 21	14 - 21	14 - 28
Product/acre	1.25 L	1.05 - 2.06 L	129.4 - 226 g	10.12 - 20.2 L	1.9 - 3.8 L	0.81 - 1.42 kg	405.11 - 607 ml	252.6 - 505.2 ml	0.65 - 0.85 L	100 - 200 ml	1.1 - 2.1 L	645 ml	0.34 - 0.45 kg	366 - 605.5 g	270 - 335.4 ml
Acres/case	6	3.67 - 7.2	2.14 - 3.76	0.99 - 1.98	2.6 - 7.1	2 - 20	4 - 6	12.5 - 25	7.53 - 9.86	31 - 62	4.85 - 9.51	11.73	20.2 - 26.7	6.2 - 10.2	12 - 15
Water vol./100 m²	4 - 8 L	3 - 15 L	5 - 15 L	4 - 20 L	5 - 10 L	5 - 15 L	4 - 16 L	6 - 25 L	6 - 8 L	6 - 8 L	3 - 21 L	2 - 8 L	8 - 16 L	4 L	5 - 15 L



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ANTHRACNOSE

Product	Affirm™	Ascernity	Banner Maxx	Civitas	Daconil 2787	Heritage Maxx®	Honor	Lexicon	Maxtima	Medallion®	Premis 200F	Quali-Pro Propiconazole	Secure	Tourney	Velista	Zerotol®
Active Ingredient	Polyoxin D Zinc Salt	Benzovindiflupyr + Difenoconazole	Propiconazole	Mineral Oil 98%	Chlorothalonil	Azoxystrobin	Pyraclostrobin + Boscalid	Pyraclostrobin + Fluxapyroxad	Mefentri-fluconazole	Fludioxonil	Triticonazole	Propiconazole	Fluazinam	Metconazole	Penthiopyrad	Hydrogen peroxide
Registration #	32920	31527	27003	29825	15724	28393	32329	35238	33406	31528	28387	28797	32991	30928	30334	29508
Rate/100 m²	27 g	31 ml	26 - 51 ml	240 - 460 ml	95 - 190 ml	32 - 63 ml	18.3 - 33.3 g	10 - 15 ml	6.25 - 12.5 ml	60 ml	16 - 21 ml	26 - 51 ml	16 ml	8.4 g	9 - 15 g	12 - 100 ml
Rate/1 000 ft²	25.1 g	28.8 ml	24.15 - 47.38 ml	222.96 - 427.34 ml	88.2 - 176.5 ml	29.7 - 58.5 ml	17 - 30.9 g	9.3 - 13.94 ml	5.8 - 11.6 ml	55.74 ml	14.9 - 19.5 ml	24.2 - 47.4 ml	14.8 ml	7.8 g	8.4 - 13.9 g	11.2 - 92.9 ml
Longevity (days)	14	14	21	14	7 - 10	14 - 28	14 - 28	14 - 28	14 - 21	14	14 - 21	21 - 18	14	14 - 21	14	7
Product/acre	1.09 kg	1.25 L	1.05 - 2.06 L	9.7 - 18.6 L	3.8 - 7.7 L	1.3 - 2.55 L	0.74 - 1.35 kg	405.11-607 ml	252.6 - 727.5 ml	2.43 L	0.65 - 0.85 L	1.1 - 2.1 L	645 ml	0.34 kg	366-605.5 g	0.49 - 4.05 L
Acres/case	3	6	3.67 - 7.2	1.08 - 2.06	2.6 - 5.3	3 - 5.8	2 - 12	4 - 6	12.5 - 25	3.1	7.53 - 9.86	4.85 - 9.51	11.73	26.7	6.2 - 10.2	N/A
Water vol./100 m²	6 - 8 L	4 - 8 L	3 - 15 L	4 - 20 L	5 - 10 L	8 - 16 L	5 - 15 L	4 - 16 L	6 - 25 L	4 - 8 L	6 - 8 L	3 - 21 L	2 - 8 L	8 - 16 L	4 L	8.2 - 12.3 L

WATEA PATCH

Product	Affirm	Banner Maxx	Heritage Maxx	Honor	Medallion	Tourney	Xzemplar
Active Ingredient	Polyoxin D Zinc Salt	Propiconazole	Azoxystrobin	Pyraclostrobin + Boscalid	Fludioxonil	Metconazole	Fluxpyroxad
Registration #	32920	27003	28393	32329	31528	30928	33778
Rate/100 m²	27 g	51 - 103 ml	32 - 63 ml	33.6 g	30 - 60 ml	11.2 g	8.3 ml
Rate/1 000 ft²	25.1 g	47.38 - 95.7 ml	29.7 - 58.5 ml	31.2 g	27.87 - 55.74 ml	10.4 g	7.7 ml
Longevity (days)	14	14	14 - 28	14 - 28	7 - 14	14	21 - 28
Product/acre	1.09 kg	2.06 - 4.12 L	1.3 - 2.55 L	1.36 kg	1.2 - 2.43 L	0.45 kg	335.4 ml
Acres/case	3	1.83 - 3.67	3 - 5.8	2 - 12	3.1 - 6.2	20.2	12
Water vol./100 m²	6 - 8 L	3 - 15 L	8 - 16 L	5 - 15 L	4 - 8 L	8 - 16 L	5 - 15 L

TAKE ALL PATCH

Product	Heritage Maxx	Honor	Lexicon	Maxtima
Active Ingredient	Azoxystrobin	Pyraclostrobin + Boscalid	Pyraclostrobin + Fluxapyroxad	Mefentri-fluconazole
Registration #	28393	32329	35238	33406
Rate/100 m²	63 ml	33.3 g	15 ml	12.5 ml
Rate/1 000 ft²	58.5 ml	30.9 g	13.94 ml	11.6 ml
Longevity (days)	28	28	28	28
Product/acre	1.3 L	1.35 kg	607.2 ml	506 ml
Acres/case	3	2-12	4	12.5
Water vol./100 m²	8 - 16 L	5 - 15 L	4 - 16 L	6 - 25 L

PYTHIUM

Product	Appear® II	Honor	Heritage Maxx	Lexicon	Subdue Maxx®
Active Ingredient	Mono & Di-Potassium Salts of Phosphorus Acid	Pyraclostrobin + Boscalid	Azoxystrobin	Pyraclostrobin + Fluxapyroxad	Metalaxyl-M & S-Isomere
Registration #	35743	32329	28393	35238	27055
Rate/100 m²	104 - 250 ml	26.8 - 33.3 g	63 ml	15 ml	16 - 32 ml
Rate/1 000 ft²	96.6ml - 232 ml	24.9 - 30.9 g	58.5 ml	10.93 ml	14.85 - 29.7 ml
Longevity (days)	14 days	14 - 28	28	14 - 28	7 - 21
Product/acre	4.53 L - 10.89 L	1.08 - 1.35 kg	1.3 L	607 ml	0.64 - 1.3 L
Acres/case	1.5 - 3.6	2 - 15.1	3	4	3 - 6
Water vol./100 m²	4 - 10 L	5 - 15 L	8 - 16 L	4 - 16 L	10 - 40 L

FAIRY RING

Product	Affirm	Heritage Maxx	Honor	Lexicon	Maxtima	Tourney	Xzemplar
Active Ingredient	Polyoxin D Zinc Salt	Azoxystrobin	Pyraclostrobin + Boscalid	Pyraclostrobin + Fluxapyroxad	Mefentri-fluconazole	Metconazole	Fluxpyroxad
Registration #	32920	28393	32329	35238	33406	30928	33778
Rate/100 m²	27 g	63 ml	33.6 g	15 ml	25 ml	11.2 g	8.3 ml
Rate/1 000 ft²	25.1 g	58.5 ml	31.2 g	9.3 ml	23.25 ml	10.4 g	7.7 ml
Longevity (days)	14	28	28	21 - 28	28	14	21 - 28
Product/acre	1.09 kg	1.3 L	1.36 kg	607 ml	1.02 L	0.45 kg	335.4 ml
Acres/case	3	3	2 - 12	4	6.25	20.2	12
Water vol./100 m²	11 - 17 L	8 - 16 L	5 - 15 L	4 - 16 L	6 - 25 L	8 - 16 L	5 - 15 L

SUMMER PATCH

Product	Banner Maxx	Civitas	Heritage Maxx	Honor	Lexicon	Maxtima	Quali-Pro Propi.	Tourney	Xzemplar
Active Ingredient	Propiconazole	Mineral Oil 98%	Azoxystrobin	Pyraclostrobin + Boscalid	Pyraclostrobin + Fluxapyroxad	Mefentri-fluconazole	Propiconazole	Metconazole	Fluxpyroxad
Registration #	27003	29825	28393	32329	35238	33406	28797	30928	33778
Rate/100 m²	103 ml	240 - 460 ml	32 - 63 ml	16.8 - 33.6 g	10 - 15ml	25 ml	103 ml	11.2 g	8.3 ml
Rate/1 000 ft²	95.7 ml	222.96 - 427.34 ml	29.7 - 58.5 ml	15.6 - 31.2 g	9.3 - 13.94 ml	23.25 ml	95.7 ml	10.4 g	7.7 ml
Longevity (days)	30	14	14 - 28	14 - 28	21 - 28	21 - 28	30	14	21 - 28
Product/acre	4.12 L	9.7 - 18.6 L	1.3 - 2.55 L	0.68 - 1.36 kg	405.1-607.2 ml	1.02 L	4.2 L	0.45 kg	335.4 ml
Acres/case	1.83	1.08 - 2.06	3 - 5.8	2 - 24	4 - 6	6.25	2.4	20.2	12
Water vol./100 m²	3 - 15 L	4 - 20 L	8 - 16 L	5 - 15 L	4 - 16 L	6 - 25 L	3 - 21 L	8 - 16 L	5 - 15 L

FUSARIUM PATCH

Product	Ascernity	Banner Maxx	Heritage Maxx	Honor	Insignia Pro	Lexicon	Maxtima	Medallion	Premis 200F	Posterity	Quali-Pro Propi.	Secure
Active Ingredient	Benzovindiflupyr + Difenoconazole	Propiconazole	Azoxystrobin	Pyraclostrobin + Boscalid	Mefentri-fluconazole + Pyraclostrobin	Pyraclostrobin + Fluxapyroxad	Mefentri-fluconazole	Fludioxonil	Triticonazole	Pydiflumetofen	Propiconazole	Fluazinam
Registration #	31527	27003	28393	32329	34892	35238	33406	31528	28387	33019	28797	32991
Rate/100 m²	31 ml	51 - 103 ml	32 - 63 ml	29.8 g	25 ml	15 ml	12.5 - 25 ml	30 - 60 ml	16 - 21 ml	5 - 10 ml	51 - 103 ml	16 ml
Rate/1 000 ft²	28.8 ml	47.38 - 95.7 ml	29.7 - 58.5 ml	27.7 g	23.25 ml	13.94 ml	11.6 - 23.25 ml	27.87-55.74 ml	14.9 - 19.5 ml	4.6 - 9.2 ml	47.4 - 95.7 ml	14.8 ml
Longevity (days)	14	30	14 - 28	28	1 before snow	1 application	21	14	14 - 21	21 - 28	30	14
Product/acre	1.25 L	2.06 - 4.12 L	1.3 - 2.55 L	1.2 kg	1.013 L	607 ml	506 ml - 1.02 L	1.2 - 2.43 L	0.65 - 0.85 L	200 - 400 ml	2.1 - 4.2 L	645 ml
Acres/case	6	1.83 - 3.67	3 - 5.8	2 - 13.6	2.5	4	6.25 - 12.5	3.1 - 6.2	7.53 - 9.86	15.5 - 31	2.4 - 4.85	11.73
Water vol./100 m²	4 - 8 L	3 - 15 L	8 - 16 L	5 - 15 L	4 - 16 L	4 - 16 L	6 - 25 L	4 - 8 L	6 - 8 L	6 - 8 L	3 - 21 L	2 - 8 L

LEAF SPOT

Product	Affirm	Banner Maxx	Civitas	Heritage Maxx	Honor	Lexicon	Medallion	Quali-Pro Propi.	Xzemplar
Active Ingredient	Polyoxin D Zinc Salt	Propiconazole	Mineral Oil 98%	Azoxystrobin	Pyraclostrobin + Boscalid	Pyraclostrobin + Fluxapyroxad	Fludioxonil	Propiconazole	Fluxpyroxad
Registration #	32920	27003	29825	28393	32329	35238	31528	28797	33778
Rate/100 m²	27 g	51 - 103 ml	250 - 500 ml	32 - 63 ml	16.7 - 33.3 g	10 - 15 ml	60 ml	51 - 103 ml	8.3 ml
Rate/1 000 ft²	25.1 g	47.38 - 95.7 ml	232.25 - 464.5 ml	29.7 - 58.5 ml	15.5 - 30.9 g	9.3 - 13.94 ml	55.74 ml	47.4 - 95.7 ml	7.7 ml
Longevity (days)	14	14	14	14 - 28	14 - 28	14 - 28	14	14	21 - 28
Product/acre	1.09 kg	2.06 - 4.12 L	10.12 - 20.2 L	1.3 - 2.55 L	0.675 - 1.35 kg	405.11 - 607 ml	2.43 L	2.1 - 4.2 L	335.4 ml
Acres/case	3	1.83 - 3.67	0.99 - 1.98	3 - 5.8	2 - 24.1	4 - 6	3.1	2.4 - 4.85	12
Water vol./100 m²	6 - 8 L	3 - 15 L	4 - 20 L	8 - 16 L	5 - 15 L	4 - 16 L	4 - 8 L	3 - 21 L	5 - 15 L

(Suppression)

BROWN PATCH

Product	Affirm	Ascernity	Banner Maxx	Civitas	Heritage Maxx	Honor	Lexicon	Maxtima	Medallion	Pendant 50 WDG	Quali-Pro Propiconazole	Secure	Tourney	Velista	Xzemplar	Zerotol
Active Ingredient	Polyoxin D Zinc Salt	Benzovindiflupyr + Difenoconazole	Propiconazole	Mineral Oil 98%	Azoxystrobin	Pyraclostrobin + Boscalid	Pyraclostrobin + Fluxapyroxad	Mefentri-fluconazole	Fludioxonil	Fludioxonil	Propiconazole	Fluazinam	Metconazole	Penthiopyrad	Fluxpyroxad	Hydrogen peroxide
Registration #	32920	31527	27003	29825	28393	32329	35238	33406	31528	32728	28797	32991	30928	30334	33778	29508
Rate/100 m²	27 g	31 ml	51 - 103 ml	270 - 540 ml	32 ml	16.7 - 29.8 g	10 - 15 ml	25 ml	60 ml	6 - 15 g	51 - 103 ml	16 ml	8.4 - 11.2 g	9 - 15 g	6.7 ml	12 - 100 ml
Rate/1 000 ft²	25.1 g	28.8 ml	47.38 - 95.7 ml	251 - 502 ml	29.7 ml	15.5 -										