

FUNGICIDE SOLUTIONS

Product	Supplier	UOM	Active Ingredient	FRAC Code	Turf Rate / 1000
26GT	Envu	2.5 Gal.	22.3% Iprodione	2	3 to 8 oz.
26/36	Nufarm	2.5 Gal.	19.5% Iprodione 19.5% Thiophanate-methyl	2 & 1	2 to 4 oz.
26019	Envu	2.5 Gal.	22.3% Iprodione	2	1.5 to 4 oz.
3336	Nufarm	2.5 Gal.	41.25% thiophanate-methyl	1	2 to 6 oz.
Armada	Envu	3 lb.	41.67% Triadimefon 8.3% Trifloxystrobin	3 & 11	0.6 - 1.2 oz.
Affirm	Nufarm	3 x 2.4 lb.	11.3% Polyoxin D zinc salt	19	0.06 oz.
Appear	Syngenta	2 Gal.	53% Potassium Phosphite	33	3 to 8 oz.
Ascernity	Syngenta	1 Gal. 10 Gal.	2.24% Benzovindiflupyr 7.48% Difenconazole	7	1 oz.
Banol	Envu	1 Gal.	66.5% Propamocarb hydroxide	28	1.3 to 4 oz.
Banner Maxx	Syngenta	1 Gal. 10 Gal.	14.3% Propiconazole	3	0.5 to 4.0 oz.
Bayleton	Envu	22 oz.	50% Triadimefon	3	0.5 to 2.0 oz.
Bayleton Flo	Envu	2.5 Gal.	43% Triadimefon	3	0.25 to 2.0 oz.
Briskway	Syngenta	1 Gal.	18.2% Azoxystrobin 11.4% Difenconazole	3 & 11	0.5 to 1.2 oz.
Civitas	Intelligro	2.5 Gal.	88.8% Mineral Oil	N/A	8.5 to 34 oz.
Concert II	Syngenta	2.5 Gal.	2.9% Banner Maxx 38.5% Daconil	3 & M5	1.5 to 8.5 oz.
Contend A & B	Syngenta	1 Gal.	Benzovindiflupyr, Difenconazole, Azoxystrobin, Propiconazole	3, 7 & 11	1 oz.
Daconil Action	Syngenta	2.5 Gal.	53.94% Chlorothalonil .11% Acibenzolar	M5 & P	1 to 5 oz.
Daconil Ultrex	Syngenta	4 x 5 lb.	82.5% Chlorothalonil	M5	0.11 to 0.46 oz.
Daconil Weatherstik	Syngenta	2.5 Gal.	54% Chlorothalonil	M5	2.5 to 5.5 oz.
Daconil ZN	Syngenta	2.5 Gal.	38.5% Chlorothalonil	M5	3 to 5 oz.
Densicor	Envu	TBD	Prothioconazole	3	4.3 to 8.5 oz.
Eagle	DOW	Pint 1 Gal.	19.1% Myclobutanil	3	0.5 to 2.4 oz.
Emerald	BASF	10 x .49 lb. 50 x .49 lb.	70% Boscalid	7	0.13 to 0.18 oz.
Enclave	Quali-Pro	2.5 Gal.	28.7% CTN + 9.4% Ipro + 9.4% T-Methyl + 2.8% Teb	M5, 2, 1, 3	3 to 8 oz.
Exteris	Envu	2.5 Gal.	1.19% Fluopyram 1.92% Trifloxystrobin	7 & 11	1.5 to 6 oz.
Fame SC	FMC	Pint 1 Gal.	40.3% Fluoxastrobin	11	0.18 to 0.36 oz.
Fame + C	FMC	2.5 Gal.	2.44% Fluoxastrobin 38.4% Chlorothalonil	11 & M5	3 to 6 oz.
Fame + T	FMC	1 Gal.	18% Fluoxastrobin 25% Chlorothalonil	11 & 3	0.45 to 0.9 oz.
Fiata Stressgard	Envu	2.5 Gal.	28.85% Phosphorous Acid + Stressgard	33	5 to 15 oz.

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26GT	Envu	2.5 Gal.	22.3% Iprodione	2	3 to 8 oz.
26/36	Nufarm	2.5 Gal.	19.5% Iprodione 19.5% Thiophanate-methyl	2 & 1	2 to 4 oz.
26019	Envu	2.5 Gal.	22.3% Iprodione	2	1.5 to 4 oz.
3336	Nufarm	2.5 Gal.	41.25% thiophanate-methyl	1	2 to 6 oz.
Armada	Envu	3 lb.	41.67% Triadimefon 8.3% Trifloxystrobin	3 & 11	0.6 - 1.2 oz.
Affirm	Nufarm	3 x 2.4 lb.	11.3% Polyoxin D zinc salt	19	0.06 oz.
Appear	Syngenta	2 Gal.	53% Potassium Phosphite	33	3 to 8 oz.
Ascernity	Syngenta	1 Gal. 10 Gal.	2.24% Benzovindiflupyr 7.48% Difenconazole	7	1 oz.
Banol	Envu	1 Gal.	66.5% Propamocarb hydroxide	28	1.3 to 4 oz.
Banner Maxx	Syngenta	1 Gal. 10 Gal.	14.3% Propiconazole	3	0.5 to 4.0 oz.
Bayleton	Envu	22 oz.	50% Triadimefon	3	0.5 to 2.0 oz.
Bayleton Flo	Envu	2.5 Gal.	43% Triadimefon	3	0.25 to 2.0 oz.
Briskway	Syngenta	1 Gal.	18.2% Azoxystrobin 11.4% Difenconazole	3 & 11	0.5 to 1.2 oz.
Civitas	Intelligro	2.5 Gal.	88.8% Mineral Oil	N/A	8.5 to 34 oz.
Concert II	Syngenta	2.5 Gal.	2.9% Banner Maxx 38.5% Daconil	3 & M5	1.5 to 8.5 oz.
Contend A & B	Syngenta	1 Gal.	Benzovindiflupyr, Difenconazole, Azoxystrobin, Propiconazole	3, 7 & 11	1 oz.
Daconil Action	Syngenta	2.5 Gal.	53.94% Chlorothalonil .11% Acibenzolar	M5 & P	1 to 5 oz.
Daconil Ultrex	Syngenta	4 x 5 lb.	82.5% Chlorothalonil	M5	0.11 to 0.46 oz.
Daconil Weatherstik	Syngenta	2.5 Gal.	54% Chlorothalonil	M5	2.5 to 5.5 oz.
Daconil ZN	Syngenta	2.5 Gal.	38.5% Chlorothalonil	M5	3 to 5 oz.
Densicor	Envu	TBD	Prothioconazole	3	4.3 to 8.5 oz.
Eagle	DOW	Pint 1 Gal.	19.1% Myclobutanil	3	0.5 to 2.4 oz.
Emerald	BASF	10 x .49 lb. 50 x .49 lb.	70% Boscalid	7	0.13 to 0.18 oz.
Enclave	Quali-Pro	2.5 Gal.	28.7% CTN + 9.4% Ipro + 9.4% T-Methyl + 2.8% Teb	M5, 2, 1, 3	3 to 8 oz.
Exteris	Envu	2.5 Gal.	1.19% Fluopyram 1.92% Trifloxystrobin	7 & 11	1.5 to 6 oz.
Fame SC	FMC	Pint 1 Gal.	40.3% Fluoxastrobin	11	0.18 to 0.36 oz.
Fame + C	FMC	2.5 Gal.	2.44% Fluoxastrobin 38.4% Chlorothalonil	11 & M5	3 to 6 oz.
Fame + T	FMC	1 Gal.	18% Fluoxastrobin 25% Chlorothalonil	11 & 3	0.45 to 0.9 oz.
Fiata Stressgard	Envu	2.5 Gal.	28.85% Phosphorous Acid + Stressgard	33	5 to 15 oz.

FUNGICIDE SOLUTIONS

Product	Supplier	UOM	Active Ingredient	FRAC Code	Turf Rate / 1000
Fore	DOW	48 lb.	80% Mancozeb + Rainshield Pigment	M3	4 to 8 oz.
Heritage Action	Syngenta	1 lb. 6 lb.	50% Azoxystrobin 1.18% Acibenzolar	11	0.2 to 0.4 oz.
Heritage	Syngenta	1 lb. 6 lb.	50% Azoxystrobin	11	0.2 to 0.4 oz.
HeritageTL	Syngenta	1 Gal. 10 Gal.	8.8% Azoxystrobin	11	1 to 2 oz.
Headway	Syngenta	1 Gal. 10 Gal.	5.73% Azoxystrobin 9.54% Propiconazole	11 & 3	0.75 to 5.5 oz.
Honor	BASF	3 lb.	16.8% Pyraclostrobin 11.2% Boscalid	11 & 7	0.55 to 1.0 oz.
Insignia	BASF	122 oz.	23.3% Pyraxlostrobin	11	0.4 to 0.7 oz.
Instrata	Syngenta	2.5 Gal.	29.9% CTN + 1.2% fludioxonil + 4.7% Propiconazole	M5, 12, 3	2.75 to 7.5 oz.
Interface	Envu	2.5 Gal.	23.1% Iprodione 1.44% Trifloxystrobin	2 & 11	3 to 7 oz.
Kabuto	PBI Gordon	21.8 oz.	36% Isofetamid	7	0.4 to 0.5 oz.
Kalida	FMC	TBD	Fluindapyr/Flutriafol	3, 7	0.25 to 0.41 oz.
Lexicon	BASF	21 oz.	4.33% Fluxapyroxad 28.58% Pyraclostrobin	7 & 11	0.34 to 0.47 oz.
Medallion SC	Syngenta	1 Gal.	11.8% Fludioxonil	12	0.75 to 2.0 oz.
Maxtima	BASF	26 oz./ 2.5 Gal.	34. - 3% Mefentrifluconazole	3	0.2 to 0.8 oz.
Mirage Stressgard	Envu	2.5 Gal.	21.4% Tebuconazole + Stressgard	3	1 to 2 oz.
Navicon	BASF	37 oz./ 2.5 Gal.	17.56% Mefentrifluconazole/ 17.5% pyraclostrobin	3, 11	0.7 to 0.85 oz.
Nutrol + Prudent 44	Perf. Nutrition	Varies	44% Phosphorous Acid 52% Potassium Phosphate	N/A	Nutrol: 8 lb. / acre P44: 1.5 oz. / 1000
Pedigree	PBI Gordon	2.5 Gal.	40% Flutriafol	7	3.25 oz. (FR)
Pinpoint	NuFarm	4 x 60 oz.	43.4% Mandestrobin	11	0.17 to 0.31 oz.
Posterity	Syngenta	105 oz.	18.3% Pydiflumetofen	7	.08 to .32 oz.
Posterity Forte	Syngenta	1 Gal.	7% Pydiflumetofen, -.3% Azoxystrobin, 11.6% Propiconazole	3, 7, 11	0.42 to 0.84 oz.
Posterity XT	Syngenta	2.5 Gal.	7% Pydiflumetofen, 6% Azoxystrobin, 10.1% Azoxystrobin	3, 7, 11	0.75 to 3.0 oz.
Postiva	Syngenta	28 oz.	6.9% Delivers Consistent Results 11.5% Delivers Consistent Results	3 & 7	Varies
Propiconazole 41% EC	PrimeraONE	1 Gal.	41% Propiconazole	3	0.18 to 0.73 oz.
Prostar	Envu	4 x 3 lb.	70% Flutolanil	7	
Rayora	FMC	2.5 Gal.	11.8% Flutriafol	3	0.7 to 1.4 oz.
Renown	Syngenta	2.5 Gal.	45% Chlorothalonil 30% Azoxystrobin	M5 & 11	2.5 to 4.5 oz.
Secure	Syngenta	0.5 Gal. 2.5 Gal.	40% Fluazinam	29	0.5 oz.
Secure Action	Syngenta	0.5 Gal. 2.5 Gal.	40% Fluazinam	29	0.5 oz.

FUNGICIDE SOLUTIONS

Product	Supplier	UOM	Active Ingredient	FRAC Code	Turf Rate / 1000
Fore	DOW	48 lb.	80% Mancozeb + Rainshield Pigment	M3	4 to 8 oz.
Heritage Action	Syngenta	1 lb. 6 lb.	50% Azoxystrobin 1.18% Acibenzolar	11	0.2 to 0.4 oz.
Heritage	Syngenta	1 lb. 6 lb.	50% Azoxystrobin	11	0.2 to 0.4 oz.
HeritageTL	Syngenta	1 Gal. 10 Gal.	8.8% Azoxystrobin	11	1 to 2 oz.
Headway	Syngenta	1 Gal. 10 Gal.	5.73% Azoxystrobin 9.54% Propiconazole	11 & 3	0.75 to 5.5 oz.
Honor	BASF	3 lb.	16.8% Pyraclostrobin 11.2% Boscalid	11 & 7	0.55 to 1.0 oz.
Insignia	BASF	122 oz.	23.3% Pyraxlostrobin	11	0.4 to 0.7 oz.
Instrata	Syngenta	2.5 Gal.	29.9% CTN + 1.2% fludioxonil + 4.7% Propiconazole	M5, 12, 3	2.75 to 7.5 oz.
Interface	Envu	2.5 Gal.	23.1% Iprodione 1.44% Trifloxystrobin	2 & 11	3 to 7 oz.
Kabuto	PBI Gordon	21.8 oz.	36% Isofetamid	7	0.4 to 0.5 oz.
Kalida	FMC	TBD	Fluindapyr/Flutriafol	3, 7	0.25 to 0.41 oz.
Lexicon	BASF	21 oz.	4.33% Fluxapyroxad 28.58% Pyraclostrobin	7 & 11	0.34 to 0.47 oz.
Medallion SC	Syngenta	1 Gal.	11.8% Fludioxonil	12	0.75 to 2.0 oz.
Maxtima	BASF	26 oz./ 2.5 Gal.	34. - 3% Mefentrifluconazole	3	0.2 to 0.8 oz.
Mirage Stressgard	Envu	2.5 Gal.	21.4% Tebuconazole + Stressgard	3	1 to 2 oz.
Navicon	BASF	37 oz./ 2.5 Gal.	17.56% Mefentrifluconazole/ 17.5% pyraclostrobin	3, 11	0.7 to 0.85 oz.
Nutrol + Prudent 44	Perf. Nutrition	Varies	44% Phosphorous Acid 52% Potassium Phosphate	N/A	Nutrol: 8 lb. / acre P44: 1.5 oz. / 1000
Pedigree	PBI Gordon	2.5 Gal.	40% Flutriafol	7	3.25 oz. (FR)
Pinpoint	NuFarm	4 x 60 oz.	43.4% Mandestrobin	11	0.17 to 0.31 oz.
Posterity	Syngenta	105 oz.	18.3% Pydiflumetofen	7	.08 to .32 oz.
Posterity Forte	Syngenta	1 Gal.	7% Pydiflumetofen, -.3% Azoxystrobin, 11.6% Propiconazole	3, 7, 11	0.42 to 0.84 oz.
Posterity XT	Syngenta	2.5 Gal.	7% Pydiflumetofen, 6% Azoxystrobin, 10.1% Azoxystrobin	3, 7, 11	0.75 to 3.0 oz.
Postiva	Syngenta	28 oz.	6.9% Delivers Consistent Results 11.5% Delivers Consistent Results	3 & 7	Varies
Propiconazole 41% EC	PrimeraONE	1 Gal.	41% Propiconazole	3	0.18 to 0.73 oz.
Prostar	Envu	4 x 3 lb.	70% Flutolanil	7	
Rayora	FMC	2.5 Gal.	11.8% Flutriafol	3	0.7 to 1.4 oz.
Renown	Syngenta	2.5 Gal.	45% Chlorothalonil 30% Azoxystrobin	M5 & 11	2.5 to 4.5 oz.
Secure	Syngenta	0.5 Gal. 2.5 Gal.	40% Fluazinam	29	0.5 oz.
Secure Action	Syngenta	0.5 Gal. 2.5 Gal.	40% Fluazinam	29	0.5 oz.

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Product	Supplier	UOM	Active Ingredient	FRAC Code	Turf Rate / 1000
Segway	PBI Gordon	39.2 oz.	34.5% Cyazofamid	21	0.45 to 0.9 oz.
Serata	FMC	35 oz.	20.28% Picarbutrazox	U17	0.6 to 0.8 oz.
Signature Xtra	Envu	22 lb.	60% Aluminum- tris	33	2 to 6 oz.
ChipcoSignature	Envu	22 lb. 44 lb.	80% Aluminum- tris	33	4 to 8 oz.
Spectro 90	NuFarm	4 x 5 lb.	72% Chlorothalonil 18% thiophanate-methyl	1 & M5	3 to 5.76 oz.
Spotrete F	NuFarm	1 Gal.	43.7% Thiram	M3	3.75 to 7.5 oz.
Subdue Maxx	Syngenta	1 Gal. 10 Gal.	22% Mefenoxam	4	1 oz.
Tartan	Envu	2.5 Gal.	20.86% Triadimefon 4.17% Trifloxystrobin	3 & 11	1 to 2 oz.
Tebuconazole	PrimeraONE	1 Gal.	38.7% Tebuconazole	3	0.6 oz.
Tekken	PBI Gordon	1 Gal. 2.5 Gal.	5.06% Flutriafol/ 15.18% Flutriafol	3,7	3 oz.
Terrazole	OHP	1 Qt.	44.3% Etridizole	14	2 to 4 oz.
Tourney	NuFarm	5 lb.	50% Metconazole	3	0.3 to 0.37 oz.
Traction	NuFarm	2.5 Gal.	17.0% Flutriafol/ 17.6% Flutriafol	3, 29	1.3 oz.
Trinity	BASF	2.5 Gal.	19.2% triticonazole	3	0.5 to 0.2 oz.
Union	NuFarm	2.5 Gal.	5.84% Flutriafol/ 3.25% Flutriafol	11, 21	2.9 to 5.75 oz.
Velista	Syngenta	22 oz.	Penthiopyrad	7	0.3 to 0.5 oz.
Xzemplar	BASF	114 oz. 11.4 oz.	26.55% Fluxapyroxad	7	0.16 to 0.26 oz.



HERBICIDE SOLUTIONS

Type	Product Name	Supplier	UOM	Active Ingredient	Description / Uses	Turf Rate / 1000
Pre-Emergent Herbicides	Barricade 4FL	Syngenta	1 Gal., 10 Gal., 30 Gal.	40.7% Prodiamine	Up to 26 weeks crabgrass control with 1 app. Protects ornamentals w/ 30+ weeds controlled	0.22 - 1.1 oz.
	Barricade 65 WDG	Syngenta	5 lb.	65% Prodiamine	Make late summer / fall applications to prevent poa, henbit, chickweed, and more.	0.025 lbs.
	Bensumec 4LF	PBI Gordon	2.5 Gal.	46% Bensulide	Controls annual grasses: crabgrass, Poa & goose as well as many listed broadleaf weeds.	5.8 to 8.8 oz.
	Dimension 2EW	DOW	.5 Gal. 2.5 Gal.	24% Dithiopyr	Crabgrass + 45 other broadleaf and grassy weeds Longer application window b/c of post control.	0.55 to 0.91 oz.
	Dimension Ultra	DOW	20 lb.	40% Dithiopyr	Crabgrass (pre + early post control), Goosegrass, Poa, Chickweed, Henbit, Spurge, plus more.	0.23 to 0.46 oz.
	Echelon 4SC	FMC	2.5 Gal.	13.6% Sulfentrazone 27.3% Prodiamine	Pre-emerg Poa control is just the beginning. Post sedge, goose, small crab, & broadleaf control.	0.18 to 0.83 oz.
	Gallery DF	DOW	1 lb.	75% Isoxaben	LCO industry standard for both pre and post control of grassy and broadleaf weeds.	0.25 to 0.50 oz.
	Gallery SC	DOW	1 2 Qt. Gal.	45.5% Isoxaben	Prevents growth of over 95 weeds. Labeled for both warm and cool season turf. Spring & Fall apps.	0.3 to 0.7 oz.
	Pendulum Aquacap	BASF	2.5 Gal. 30 Gal.	38.7% Pendimethalin	Economical control on crabgrass and 21 of the most common unwanted grasses + 25 broadleaves.	Ornamental Varies
	Ronstar Flo	Envu	2.5 Gal.	34.1% Oxadiazon	Controls weeds through shoots, not roots. Doesn't harm healthy turf. Grassy & broadleaves.	1.85 to 2.8 oz.
	Ronstar WSP	Envu	10 lb.	50% Oxadiazon	Poa, barnyard, carpet, crab, fall panicum, goose, foxtail, wild oats + 30+ broadleaf weeds.	1.5 to 3.0 oz.
	Specticle Flow	Envu	18 oz. 1 Gal.	7.4% Oxadiazon	Poa, crab, goose, sedges, plus 60 broadleaf weeds. Longer residual + Tank Mix flexibility.	Turf or Ornamental Varies
	Surflan	UPI	2.5 Gal.	40.4% Oryzalin	Labeled for: Ornamentals, Bulbs, Ground Covers. Controls goose foxtail, pigweed, + many others.	Ornamental Varies
	SureGuard SC	NuFarm	64 oz.	44% Flumioxazin	Longest residual pre-emerg on grassy & broadleaf weeds. Enhances speed of glyphosate.	0.21 to 0.42 oz.
Tower	BASF	1 Gal.	63.9% Dimethenamid	Turfgrass & ornamental pre-emerg; highly effective on small seeded broadleaves & grassy weeds.	0.5 to 1.0 oz.	
Tupersan WP	PBI Gordon	4 lb.	50% Siduron	Industry standard pre-emerg to apply when seeding. Crabgrass, foxtail & barnyard + others.	1.5 to 6 oz.	
Post-Emergent Herbicides	4 Speed XT	NuFarm	1 Gal. 30 Gal.	49% 2, 4-D, 4.1% Triclopyr, Dicamba, 0.067% Pyraflufen	Lethal on toughest weeds like wild violet, ground ivy, spurge, oxalis, plantain, and 70+ others.	1.1 to 1.5 oz.
	AcclaimExtra	Envu	Pint, Gallon	6.59% Fenoxaprop-ethyl	Post control of crabgrass & goosegrass. Rainfast in 1 hr. Suppress Johnsongrass & common bermuda.	0.35 to 1.0 oz.
	Avenue South	PBI Gordon	Gallon	0.7% Penoxsulam; 0.7% Sulfentrazone; 7.28% 2,4-D; 2.06% Dicamba	90 broadleaf weeds for southern warm weather and sensitive warm-season grasses.	1.1 to 1.5 oz.
	Blindside	FMC	0.5 lb.	60% Sulfentrazone 6% Metsulfuron	Fast acting, dual-action works both through foliar and root uptake. 70+ broadleaves and sedges.	C: .075 to .15 oz. W: .15 to .23 oz.
	Celero	NuFarm	1 lb.	75% Imazosulfuron	Controls sedges including established kyllinga. Systemic (SU) that translocates down to the roots.	0.18 to 0.32 oz.
	Celsius	Envu	10 oz.	8.7% Thlencarbazone, 1.9% Iodosulfuron, 57.4% Dicamba	Post control of crabgrass & goosegrass. Rainfast in 1 hr. Suppress Johnsongrass & common bermuda.	0.5 to 1.13 oz.
	Certainty	NuFarm	1.25 oz.	75% Sulfusulforn	Warm Season: controls broadleaves, sedges and kyllinga. Already contains non-ionic surfactant.	0.75 to 2.0 oz.
	Change Up	NuFarm	2.5 Gal.	51.05% MCPA, 6% Fluroxapyr, 4.17% Dicamba	200+ broadleaf weeds. Great 2, 4-D alternative, while still delivering powerful weed control.	0.46 to 1.1 oz.
	Confront	DOW	1 Gal.	33% Triclopyr, 12.1% clorpyralid	A non-phenoxy herbicide for commercial use only. Used for difficult to manage weeds.	0.37 to 0.74 oz.

HERBICIDE SOLUTIONS

Type	Product Name	Supplier	UOM	Active Ingredient	Description / Uses	Turf Rate / 1000
Post-Emergent Herbicides	Cool Power	NuFarm	2.5 Gal. 30 Gal.	56.1% MCPA, 5% Triclopyr, 3.6% Dicamba	Cool weather conditions. Ester formulation is ideal for winter weed control.	0.9 to 1.9 oz.
	Defendor	DOW	1 Gal.	4.84% Florasulam	When it's too cold for others. Early season broadleaf control. Can apply w/ 1st LCO round.	0.09 oz.
	Dismiss	FMC	6 oz., Pint & .5 Gal.	39.6% Sulfentrazone	Yellow nutsedge & green kyllinga control. Visible in 24 to 48 hr. Attacks foliage and soil.	0.117 to 0.234 oz.
	Drive XLR8	BASF	64 oz.	18.92% Dimethylamine salt of Quinclorac	Improved control of crabgrass, torpedograss, kikuyugrass, broadleaves (clover, speedwell).	1.5 oz.
	Dismiss South	FMC	64 oz.	33.33% Sulfentrazone 6.67% Imazethapyr	Yellow nutsedge & green kyllinga control. Visible in 24 to 48 hr. Attacks foliage and soil.	0.22 to 0.33 oz.
	Escalade 2	Nufarm	2.5 Gal., 30 Gal., 55 Gal.	39.53% 2, 4-D; 5.9% Fluroxypyr; 4.1% Dicamba	Top option for common and tougher to kill broadleaf weeds.	0.75 to 1.1 oz.
	Finale	BASF	2.5 Gal.	11.33% Glufosinate-ammonium	Absorbed rapidly through tissue, results in 1-4 days. Toughest weeds: poison ivy, thistle & more.	1.5 to 4.0 oz.
	Foundation	Primera	2.5 Gal. 30 Gal.	7.28% Triclopyr, 30.84% 2,4-D, 0.63% Sulfentrazone, 2.48% Dicamba	4 active ingredients. Cool weather performance. Great for low volume applications.	1.2 to 1.5 oz.
	Fusilade II	Syngenta	Quart	24.5% Fluazifop-P-butyl	Post control of perennial & annual grass weeds. Applied over-the-top w/out damage.	Ornamental Varies
	Horsepower	Syngenta	2.5 Gal.,	48.99% MCPA, 5.59% Triclopyr, 4.82% Dicamba	Great non-2, 4-D 3-Way herbicide for common broadleaf weeds.	0.75 to 1.1 oz.
	Katana	PBI Gordon	3 oz.	25% Flazasulfuron	Warm-Season: Kills 58 weeds including: Poa, Tall Fescue, ryegrass. Yellow, Purple and Globe.	.034 to 0.068 oz.
	Kerb	DOW	3 lb.	50% Pronamide	Warm-Season: Pre-emergent and early post on Poa annua on tees, fairways, roughs and greens.	0.73 to 1.46 oz.
	Last Call	NuFarm	2.5 Gal. 30 Gal.	2.7% fenoxaprop, 3.89% fluroxypyr, 2.7% dicamba	Only 3-way containing the benefits of Acclaim. Industry leader for weed and grass control.	1.3 to 1.5 oz.
	Lontrel	DOW	Quart	40.9% Clopyralid	Non-Residential turf. Used for commercial turf including sod farms. Woody ornamentals too.	Ornamental Varies
	Millennium	NuFarm	2.5 Gal., 30 Gal., 55 Gal.	37.32% 2, 4-D; 2.54% Clopyralid; 4.65% Dicamba	Top option for standard broadleaf weeds in cool-season turf. Non-Residential.	0.75 to 1.1 oz.
	Monument	Syngenta	25 Gram	75% Trifloxysulfuron-sodium	Controls certain broadleaves, sedge, and grasses in warm-season turf.	0.53 oz.
	Negate	Quali-Pro	1.5 oz.	16.67% Rimsulfuron; C20% Metsulfuron methyl	Poa annua, poa trivalis, ryegrass, bentgrass, clovers, henbit, chickweed, wild onion, spurge	0.035 oz.
	Ornamec 170	PBI Gordon	1 Qt.	1.70% Fluazifop-P-butyl	Non-Turf: Built-in surfactant, ideal for grass control in ornamental beds, tree wells, fence lines, etc.	Ornamental Varies
	Ornamec OTP	PBI Gordon	1 Gal.	6.75% Fluazifop-P-butyl	Non-Turf: Outstanding post-emergent control of grasses in groundcovers, shrubs, and trees.	Ornamental Varies
	PowerZone	PBI Gordon	2.5 Gal.	0.48% Carfentrazone, 41.98% MCPA 5.39% MCPP, 2.69% Dicamba	Alternative to 2, 4-D formulations, great on oxalis, plantain, ground ivy.	0.75 to 1.5 oz.
	ProDeuce	NuFarm	64 oz.	40.15% Prodiamine; 7.51% Prodiamine	Dual action, combines 2 most trusted herbicides on warm-season turf.	3 to 6 oz.
	Prograss EC	Envu	2.5 Gal.	19% Ethofulesate	Pre- and post-emergent control of Poa annua in cool-season turf & overseeded bermudagrass.	1.5 to 4.0 oz.
	Prosedge	NuFarm	1.33 oz.	75% Halosulfuron-methyl	Even with newer chemistry, still the #1 University recommended nutsedge solution.	1.3 oz. / A
	Pylex	BASF	8 oz.	29.7% topramezone	Standard control for bermuda and goose in cool-season turf. Also, crabgrass, nimblewill and more.	.023 to .034 oz.
	Q4	PBI Gordon	1 Gal. 2.5 Gal	8.43% Quinclorac, 0.69% Sulfentrazone, 11.81% 2, 4-D, 1.49% Dicamba	Yellow Nutsedge, Crabgrass, Foxtail, Chickweed, Clover, Dandelion. Rapid visual response + 1 week reseeding interval.	2.6 to 3.0 oz.
	Quick Silver	FMC	8 oz.	21.3% Carfentrazone-ethyl	Industry standard for moss control. 90% control with just 2 apps. Effective in cool & warm temps.	0.9 to 2.1 oz. / A
Revolver	Envu	1 Qt. 87 oz.	2.34% Foramsulfuron	Controls annual and perennial grasses in bermuda, zoysia and buffalograss.	Ryegrass Transition 0.2 to 0.4 oz.	

HERBICIDE SOLUTIONS

Type	Product Name	Supplier	UOM	Active Ingredient	Description / Uses	Turf Rate / 1000
Post-Emergent Herbicides	Round Up Pro	Bayer	2.5 Gal. 30 Gal.	41% Glyphosate	Industry trusted non-selective herbicide zoysia and buffalograss.	2 to 3 oz.
	Round Up Pro Max	Bayer	1.67 Gal.	48.7% Glyphosate	New and improved version of Round Up. Lower use rates.	1.0 to 1.5 oz.
	Round Up QuikPro	Bayer	6.8 lb.	73.3% Glyphosate, 2.9% Diquat	Highest Active Ingredient: Water Soluble Granules. Quick burndown.	1.5 to 3.0 oz.
	Sapphire	DOW	1 Gal.	3.68% penoxsulam	Removes Perennial Rye and broadleaf weeds from warm-season grasses during spring.	0.09 to 0.55 oz.
	Scythe	DOW	2.5 Gal.	57% Pelargonic Acid	Great tank mix partner with broad-spectrum herbicides for quicker burndown.	1 to 4 oz.
	Segment	BASF	1 Gal.	13% Sethoxydim	Only herbicide that can be applied directly to trees or shrubs during growing season.	Grasses: 6": 8 oz. Grasses: 12": 1.4 oz.
	Solitaire	FMC	1 lb.	18.75% Sulfentrazone 56.25% Quinclorac	Over 60 weeds, plus tremendous clean up on crabgrass. Fast and visible response.	C: 0.37 to 0.48 oz. W: 0.37 to 0.74 oz.
	Solitaire WSL	FMC	0.75 Gal.	1.6% Sulfentrazone 5.0% Quinclorac	Over 60 weeds, plus tremendous clean up on crabgrass. Fast and visible response.	C: 4.0 to 6.5 oz. W: 4.0 to 7.9 oz.
	Specticle Total	Envu	1.125 Gal.	0.089% Indazifarm; 0.89% Diquat; 20.46% Glyphosate	Industry's best Specticle pre\$mixed with Diquat & glyphosate. Kill it and prevent it from returning.	16 oz.
	Speedzone	PBI Gordon	2.5 Gal., 30 Gal., 55 Gal.	0.62% Carfentrazone, 28.57% 2, 4-D, 5.88% MCPA, 1.71% Dicamba	Industry standard. Great alternative to clopyralid. Clover, dandelion, oxalis, ground ivy and more.	1.1 to 1.8 oz.
	Speedzone Southern	PBI Gordon	2.5 Gal. 30 Gal.	0.54% Carfentrazone, 28.57% 2, 4-D, 0.67% Dicamba	Formulated for sensitive southern grasses, fast control of clover, plantain, ground ivy, and spurge.	0.75 to 1.8 oz.
	SquareOne	FMC	0.5 lb.	3.9% Carfentrazone 66.1% Quinclorac	Designed for newly seeded turf, dual combination. Crabgrass and 60+ tough weeds.	C: 0.18 to 0.28 oz. W: 0.28 to 0.41 oz.
	Super Trimec	PBI Gordon	2.5 Gal. 30 Gal.	32.45% 2,4-D; 15.9% 2,4-D-P; 5.38% Dicamba	Rapid and thorough foliar absorption; 75 broadleaf weeds; including plantain, henbit, and kudzu.	0.75 oz.
	Surge	PBI Gordon	2.5 Gal. 30 Gal.	0.67% Sulfentrazone, 18.79% 2, 4-D 6.8% MCPP, 3.02% Dicamba	Late Spring / Early Summer. Great on knotweed, plantain, oxalis + yellow nutsedge suppression.	1.2 to 1.5 oz.
	Tribute Total	Envu	6 oz.	9.9% Thien carbazole 19.8% Foramsulfuron 39.5% Halosulfuron	Annual & Perennial Grass Weeds, Sedges and Kyllingas, & Broadleaf Weeds, Removal of Overseeded Ryegrass in Bermudagrass.	0.023 to 0.15 oz.
	Trimec 1000	PBI Gordon	2.5 Gal., 30 Gal. 55 Gal.	34.59% 2,4-D; 1.22x% 2,4-D(DMA); 8.17% MCPP; 2.68% Dicamba	Low Odor; four powerful ingredients formulated to translocate through plant and into root.	1.1 to 1.5 oz. Bent: 0.66 oz.
	Trimec Bent	PBI Gordon	1 Gal. 2.5 Gal.	9.92% MCPA, 6.12% 2, 4-D, 2.53% Dicamba	Dandelion, Chickweed, Knotweed, Plantain, Henbit, Spurge, and many others.	1 oz.
	Trimec Encore	PBI Gordon	2.5 Gal., 30 Gal. 55 Gal.	38.68% MCPA; 8.16% MCPP; 3.81% Dicamba	2,4-D alternative. More than 50 weeds listed. Including ground-ivy.	1.1 to 1.5 oz.
	Trimec Southern	PBI Gordon	1 Qt., 1 Gal. 2.5 Gal.	17.37% 2,4-D; 18.74% MCPP-P; 3.85% Dicamba	Accommodates sensitive warm-season turf. 90 broadleaf weeds; including spurge and henbit.	Bermuda: 0.75 oz. Zoysia: 0.75 oz. St. Augustine: 0.55 oz.
	Trimec T-zone	PBI Gordon	2.5 Gal., 30 Gal., 55 Gal.	7.72% Triclopyr; 0.66% Sulfentrazone; 29.32% 2,4-D; 2.22% Dicamba	Tough weeds. Compares to 4 Speed XT; kills wild- violet, ground-ivy, suppression of young nutsedge.	0.75 to 1.5 oz.
	Triplet	NuFarm	2.5 Gal., 30 Gal., 55 Gal.	30.56% 2, 4-D; 8.17% MCPA, 2.77% Dicamba	Avg. option for Dandelion, Clover, Henbit, Wild Onion and other broadleaf weeds.	1.25 to 2.0 oz.
	Triplet Low Odor	NuFarm	2.5 Gal., 30 Gal., 55 Gal.	47.33% 2, 4-D; 8.17% MCPA, 2.3% Dicamba	Avg. option for Dandelion, Clover, Henbit, Wild Onion - No Odor	1.25 to 2.0 oz.
	Turflon	DOW	2.5 Gal.	61.6% Triclopyr	Controls Annual and Perennial broadleaf weeds and kikuygrass in ornamentals.	0.37 to 0.74 oz.
	Tenacity	Syngenta	8 oz. 1 Gal.	40% Mesotrione	Pre + Post control of grass & weeds in both cool & warm season turf. Controls bent in roughs.	4 to 8 oz. / A
	Velocity	NuFarm	1 lb.	17.6% Bispyribac-sodium	Gradually eliminates poa annua and poa trivialis. Plus broad spectrum weed control.	Strategy varies
	Xonerate	FMC	9 x 1 oz.	70% Amicarbazone	Eliminates Poa with 90% university proven success. Control occurs over a 3 to 4 week period.	1 to 2 oz.
	Xonerate	FMC	TBD	46.2% Amicarbazone	Poa initially becomes chlorotic, followed by necrosis. Eliminates Poa.	Refer to Label

INSECTICIDE SOLUTIONS

Product Name	Supplier	UOM	Active Ingredient	IRAC MoA Class	Primary Site of Action	Sub-group
Acelepryn	Syngenta	64oz.	18.4% Chlorantraniliprole	28	Nerve and muscle	Diamides
Advion	Syngenta	1 Gal.	0.22% Indoxacarb	22	Nerve	Oxadiazines
Aloft	NuFarm	64 oz.	24.7% Clothianidin; 12.3% Bifenthrin	4	Nerve action	Neonicotinoids, Pyrethroids, Pyrethrins
Arena	NuFarm	2.5 lb.	50% Clothianidin	4A	Nerve action	Neonicotinoids
Astro	FMC	1 Gal.	36.8% Permethrin	3A	Nerve action	Pyrethroids, Pyrethrins
Avid	Syngenta	1 Gal.	2% Abamectin	6	Nerve and muscle	Avermectins, Milbemycins
Azatrol	PBI Gordon	1 Gal. 1 Qt.	1.2% Azadirachtin	UN	Unknown	Azadirachtin
Baseline	FMC	1 Qt.	23.4% Bifenthrin	3A	Nerve action	Pyrethroids, Pyrethrins
Chlorpyrifos 4	Post Patent	2.5 Gal.	44.7% Chlorpyrifos	1B	Nerve action	Organophosphates
Conserve	DOW	1 Qt.	11.6% Spinosad	5	Nerve action	Spinosyns
CorTect	Envu	250 Tabs	20% Imidacloprid + Fertilizer	4A	Nerve action	Neonicotinoids
Dipel Pro	NuFarm	1 lb.	54% Bacillus thuringiensis	N/A	Unknown	Biological
Divanem	Syngenta	0.5 Gal.	2% Abamectin	6	Nerve and muscle	Pyrethroids, Pyrethrins
Dursban 50W	DOW	2.5 Gal.	50% Chlorpyrifos	1B	Nerve action	Organophosphates
Dylox SL	Envu	2.5 Gal.	37.3% Trichlorfon	1B	Nerve action	Organophosphates
Ferrence	Syngenta	96 oz.	18.66% Cyantraniliprole	28	Nerve and muscle	Diamides
Flagship	Syngenta	2 lb.	25% Thiamethoxam	4A	Nerve action	Neonicotinoids
Floramite	OHP	1 Qt.	22.6% Bifenazate	20D	Energy metabolism	Bifenazate
Forbid	Envu	8 oz.	45.2% Spiromesifen	23	Lipid synthesis, growth regulation	Tetronic and Tetramic acid derivatives
Hort Oil	Post Patent	2.5 Gal. 30 Gal.	98% Mineral Oil	N/A	Unknown	N/A
Indemnify	Envu	17 oz.	34.5% Fluopyram	N/A	N/A	N/A
MaxForce	Envu	10 lb.	0.01% Trifluoromethyl	N/A	N/A	N/A
Meridian WG	Syngenta	17 oz.	25% Thiamethoxam	4A	Nerve action	Neonicotinoids
Merit 75 WP	Envu	2 oz.	75% Imidacloprid	4A	Nerve action	Neonicotinoids
Merit 75 WSP	Envu	6.4 oz.	75% Imidacloprid	4A	Nerve action	Neonicotinoids
Merit 2F	Envu	1 Gal.	21.4% Imidacloprid	4A	Nerve action	Neonicotinoids
Nortica 10WP	Envu	35 lb.	10% Bacillus firmus	N/A	N/A	N/A
Onyx	FMC	1 Gal.	23.4% Bifenthrin	3A	Nerve action	Pyrethroids, Pyrethrins
Orthene 97	Amvac	1 lb.	97.4% Acephate	1B	Nerve action	Organophosphates
Provaunt	Syngenta	12 oz., 120 oz.	30% Indoxacarb	22A	Nerve action	Oxadiazines
PureSpray	Intelligro	Varies	98% Mineral Oil	N/A	N/A	N/A
Safari SG	NuFarm		20% Dinotefuran	4A	Nerve action	Neonicotinoids
Scimitar	Syngenta	1 Qt.	9.7% Lambda-cyhalothrin	3A	Nerve action	Pyrethroids, Pyrethrins
Sevin SL	Envu	2.5 Gal.	43% Carbaryl	1A	Nerve action	Carbamates
Talstar GC	FMC	1 Gal.	7.9% Bifenthrin	3A	Nerve action	Pyrethroids, Pyrethrins
Talstar One	FMC	1 Gal.	7.9% Bifenthrin	3A	Nerve action	Pyrethroids, Pyrethrins
Tempo SC	Envu	240 ML, 900 ML	11.8% Beta-cyfluthrin	3A	Nerve action	Pyrethroids, Pyrethrins
Tempo WP	Envu	420 Grams	10% Beta-cyfluthrin	3A	Nerve action	Pyrethroids, Pyrethrins
Tetrino	Envu	1 Gal.	Tetraniliprole	28	Nerve and muscle	Diamides
Top Choice	Envu	50 lbs.	0.0143% Fipronil	2B	Nerve action	Phenylpyrazoles
Triple Crown	FMC	1 Gal.	2.7% Zeta-Cypermethrin, 7.87% Bifenthrin, 13.8% Imidacloprid	3A & 4A	Nerve action	Pyrethroids, Pyrethrins Neonicotinoids
Zylam 20SG	PBI Gordon	2.7 lbs.	20% Dinotefuran	4A	Nerve action	Neonicotinoids
Zylam Liquid	PBI Gordon	1 Qt.	10% Dinotefuran	4A	Nerve action	Neonicotinoids