



PROVEN SOLUTIONS

FOR THE TURF INDUSTRY PROFESSIONAL



KNOWLEDGE | TRUST | SERVICE | SUCCESS



Planet Turf is a family-owned independent company and distributor of golf, professional landscape, athletic field, and lawn care products and services.

WE BELIEVE a relationship based on trust is the most important part of business success. Our customers believe the same. Our goal is providing service and products that will solve your toughest problems with economical and effective products and advice that generate results year after year.

OUR FOCUS is plant health. Planet Turf serves hundreds of customers involved in the professional turfgrass and landscape industry. Growing healthy plants depends on knowing how to build healthy soils, providing the nutrients plants need, and managing them in a way that will yield positive, sustainable, and consistent results. Our staff is here to help you achieve that goal, every day.

Planet Turf Nutrient Application Calendar

FOLIAR

EARLY SPRING	LATE SPRING	EARLY SUMMER	MID SUMMER	LATE SUMMER	FALL
Nitrain Oxyphos Rocket N	Kick + Microsea Magnum Crop +	Kick + Microsea Primacy Alpha Iron Polyamine CSI L Silicon	Kick + Microsea Crop + Solarous Magnum+Calciophite	Kick + Microsea Crop + Solarous	Oxyphos ReKovery Rocket N



THE SOIL

PROPEAT 11-11-11 11-22-14 Oro RZ	STERIC P Wick Ec Poly Cal	STERIC K Vivax Fulvac	PROPEAT 13-5-8 Vivax Oro RZ	PROPEAT 7-4-14 Vivax Gypsum	PROPEAT 11-11-11
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Planet Turf Nutritional Products

LIQUID FERTILIZER	PURPOSE	INGREDIENTS	RATE (M=1000 sq ft, A=Acre)
Planet Turf Kick 10-2-4 (2 x 2.5 gal)	Base applications for complete feeding	10%N, Complexed P&K, Amino Acids, Kelp, 1% Fe, S	8 - 10 oz/M
Planet Turf Micro Sea (2 x 2.5 gal)	Add with Kick for a complete macro and micro nutrient feeding	Amino Acid, Organic Sulfur, 3% S, .1% B, .5% Mn, .5% Zn	2 - 3 oz/M
Planet Turf Iron Polyamine (2 x 2.5 gal)	Long lasting green up on all turf	5.5% Fe Amino Acid Chelate	1 - 3 oz/M
Planet Turf Rocket N 28-0-0 (2 x 2.5 gal)	Nitrogen booster for all seasons with slow release and rapid uptake	28% N, 25% slow release, with B & Mo, Humic acid	5 oz/M
Crop + (2.5 gal)	Stress fighter, gene regulator, enhanced rooting and biomass	1% N, 1% K, 3.5% S, .08% B, .055% Co, 1% Cu, 1.3% Fe, 1.1% Mn, 0.4% Mo, 2.3% Zn	8 oz/A
Planet Turf Oxy Phos 6-18-2 (2 x 2.5 gal)	Energy recovery, root growth and biostimulants	6-18-2 (0.02% B, 0.05% Cu, 0.1% Fe, 0.05% Mn, 0.1% Zn)	4 - 6 oz/M
Planet Turf SOLAR (2 x 2.5 gal)	Chlorophyll boost for green color	.75% Mg, 4.2% S, .1% B, .5% Cu, 4% Fe, .75% Mn, .5% Zn Citrate Complexes	1 gal/A
Planet Turf Custom N 28-0-0 (2 x 2.5)	Economical N-source for regular feeding	28% N, 20% slow release	5 oz/M
Nutri- Grow Calciphite 0-19-9 (2 x 2.5 gal)	Calcium Phosphite for summer time stress resistance	0-(19)-9, with 9% Ca, 2.66 lbs Phosphite per gal	1 - 5 oz/M
Nutri- Grow Magnum 2-0-15 (2 x 2.5 gal)	Phosphite for disease and stress resistance	2-(40)-16, 6 lb per gal Phosphite	2 oz/M
Primacy Alpha (2 x 2.5 gal)	Optimize N uptake, CO2 fixation, and photosynthesis	3-0-7, 3% S, .1 B, .5% Mn, .5% Zn	1 gal/A
ReKovery 2-0-21 (2 x 2.5 gal)	Reduce summer water stress symptoms	2% N, 21% K with Amino Acid Complex	1.5 oz/M
Planet Turf Steric K 1-0-7 (2 x 2.5 gal)	Water regulation, use with Steric P	1-0-7 derived from Complexed Potassium	5 gal/A
Planet Turf Steric MKS 0-0-4,2.1Mg,4.2S (2 x 2.5 gal)	Chlorophyll boost, use with Steric P and K	0-0-4%K, 2.1% Mg, 4.2% S from Complexed Potassium Magnesium Sulfate	5 gal/A
Planet Turf Steric P 2-14-0 (2 x 2.5 gal)	Root development, use with Steric K	2% N, 14% Complexed P	5 gal/A
CSI L (2 x 2.5 gal)	Increase green-speed and resist wear and disease	12% N with 25% Silicon from Opaline	32 oz/A
Steric S (2 x 2.5 gal)		8% Nitrogen, 9% S, with Amino Acids	5 ga/A
Encourage Classic (2 x 2.5 gal)	Reduce stress, improve pesticide performance, improve plant vigor	2-1-2, .4% Fe, .1% Mn, 2% C9-15, 1.5% Humic Acid	1 - 2 qts/A
Encourage Nano Cal (2 x 2.5 gal)	Uniform color, improved water use during heat, improve vigor	4% N, 1% K, 10% Ca, 1.5% C9-15, .7 micron Calcium	1 - 2 qts/A
Ful-GENT 7-21-2 w/zinc (2 x 2.5 gal)	Improve soil nutrient availability and root growth	7-21-2 with Zinc and Fulvic Acid	1 - 2 gal/A
Ful-Vac Fulvic Acid (2 x 2.5 gal)	Increase soil microbiology and nutrient uptake	Free form Fulvic Acid	2 - 10 gal/A
Kelp Grow (2 x 2.5, 5, 30, 265)	Increase stress resistance	Cold pressed extract of Macrocyctis intragrifolia from north pacific ocean	1 - 2 qts/A
Poly Bor 10 (2 x 2.5 gal)	Promotes new leaf growth in boron deficient soils	5% B from Boric Acid	2 qt/A
Steric Iron (2 x 2.5 gal)	Chelated Iron S	5% Chelated Iron	1 gal/A
Polyamine Micros and Macros	Correct deficiencies	Mn, Mg, Zn, B	1 - 2 oz/M

GRANULAR FERTILIZER	PURPOSE	INGREDIENTS	RATE (M=1000 sq ft, A=Acre)
MICRO SIZE SGN 90 - 110	<i>All 30-60 day feeding</i>		
ProPeat 13-5-8	Complete NPK	37% carbon fixed N, 13% Sulfur	5 lbs/M
ProPeat 17-0-4	Growth and vigor	50% carbon fixed N, 17% Sulfur	5 lbs/M
ProPeat 7-4-14	Aeration recovery and summer stress	26% carbon fixed N, 1% Ca, 14% S, .02%B, .05%Cu, 2% Fe, .05% Mn, .05% Zn	5 lbs/M
ProPeat 11-11-11	Seeding and soil correction	26% carbon fixed N, 10% S, .02%B, .05% Cu, .1% Fe, .05% Mn, .05% Zn	5 lbs/M
Rich Grow 11-22-14	Root development	30% Methylene urea, S5.5%,Mg1%,Fe1%	5 lbs/M
Huma Plus 8-2-14	Aeration recovery and summer stress	S5%, Mg1%, Fe1%, Mn1%, wetting agents, 4% ammoniacal, 20% urea, 40% MU, 36% organic-N	5 lbs/M
Granusol Mn	Improve take-all resistance	35% Manganese Sucrate	2 - 3 lbs/M
Gypsum	Flush salts improve soil structure	30% Ca, 25% S	Varies
REGULAR SIZE SGN 150 - 240			
ProPeat 13-5-8	Complete NPK	37% Carbon fixed N, 13% Sulfur	5 lbs/M
ProPeat 17-0-4	Growth and vigor	50% Carbon fixed N, 17% Sulfur	5 lbs/M
ProPeat 11-11-11	Preplant and soil balance	26% Carbon fixed N, 10% S, .02%B, .05% Cu, .1% Fe, .05% Mn, .05% Zn	5 lbs/M
Nova Green 24-0-10	3 - 4 month long term feeding	50% Polymer coated N Agro-Fuse liquid Fe coating	4 lbs/M
ProGreen 24-0-12	2 - 3 month feeding	30% Polymer coated N Agro-Fuse liquid Fe coating	4 lbs/M
EcoGreen 21-0-5	1 - 2 month feeding	Ammonium Sulfate with Agro-Fuse liquid Fe coating	4 lbs/M
Bio- Green 15-4-9	4+ month feeding	68% Slow release N, 1.7% Ca, .53% Mg, .32% Fe, with biosolids.	6 lbs/M
Agro-Lig	Increase soil carbon and microbial activity	87% Humic Acid	100 - 300 lbs/A
Gypsum	Flush salts improve soil structure	30% Ca, 25% S	5 - 15 lbs/M
Monoammonium phosphate (MAP)	Preplant or low P in soils	11% N, 52% P,	100 lbs/A
Triple 16	Preplant or ornamentals	16% N, 16% P, 16% K,	200 lbs/A
Iron Sulfate	Fast green up	22% Fe, 12% S	3 lbs/M
Dolopril (regular and fines)	pH adjustment	20% Ca, 10% Mg,	500 lbs/A
CalPril (regular or fines)	pH adjustment	34% Ca	500 lbs/A
Ammonium Sulfate granular	Quick growth and greening	21% N, 24% S	150 lbs/A
Urea granular	Quick growth and greening	46% N	75 lbs/A
Natures Intent 7-2-4	Organic nutrient source	Feather, Fish bone meal and K Sulfate 9% Calcium	400 lbs/A
Perfect Blend	Organic and biotic nutrient source	4-4-4, and others chicken manure base	700 lbs/A
Sustane	All natural slow release	4-6-4 to 18-1-18, many formulations	Varies
Tea Seed Meal and Castaway 1-0-1	All natural, high carbon, soil and plant benefits	Saponin rich derived from tea seed meal	6 - 12 lbs/M



Nutritional Products

DRY SOLUBLE FERTILIZER	PURPOSE	INGREDIENTS	RATE (M=1000 sq ft, A=Acre)
Nitrain 14-0-22 (25 lb bag)	Nitrate N and K for cool weather feeding	14-0-22/Ca9.31%, B.2%, Mo	1 lb/M
Urea 46-0-0 soluble/Low Biuret	Tank sprays	For spraying purpose	1 lb/M
Calcium Nitrate. Potassium Nitrate	Tank sprays	Calcium and Potassium Nitrate for spraying	1 lb/M
Ammonium Sulfate solution grade	Tank sprays	Ammonium Sulfate for spraying or greens granular	5 lb/M
Soluble Iron Sulfate (50 lb bag)	Fast green-up	22% Fe, 12% S	10 lb/A
Eminate soluble nutrients (25 lb. bag)	Water soluble dry formulations for foliar and soil feeding	25-5-20, 20-20-20, with micros	1-2 lbs/M
FERTILIZER PESTICIDE COMBO	PURPOSE	INGREDIENTS	RATE (M=1000 sq ft, A=Acre)
23-0-6 with Surge (fines)	Broadleaf weed control with fertilizer	24d/Dicamba/sulf/mcpp 90 day duration	4 lbs/M
25-0-5 w/ Prodiamine	Pre-emergent with fertilizer	.37% Prodiamine	4 lbs/M
21-3-5 with surge (regular size)	Broadleaf weed control with fertilizer	24d/Dicamba/sulf/mcpp 30-45 day duration	4 lbs/M
16-0-8 w .25% Dimension	Pre-emergent with fertilizer	.25% Dimension	4 lbs/M
0-0-0 with .25% Dimension	Pre-emergent granular	.25% Dimension (Dithiopyr)	5 lbs/M

Wetting Agents

WETTING AGENTS	PURPOSE	INGREDIENTS	RATE (M=1000 sq ft, A=Acre)
Precision Lab Alypso (2 x 2.5 gal)	Move water through thatch and hard soils improve nutrient uptake	40% Alkyl-Polyester	16 oz/A
Precision Lab Duplex (2 x 2.5 gal)	Move water through thatch and hard soils improve nutrient uptake	24 % 4-molecule Block Copolymers	20 oz/A
Precision Lab Vivax (2 x 2.5 gal)	Penetrate and retain water in profile	87% 4-molecule Block Copolymers	4 oz/M
Hydretain ES Plus (2 x 2.5 gal)	Increase soil water availability	54% Humectant, 10% Nonionic Surfactant	9 oz/M
Precision Lab Vivax Tab (24 x 6 oz Tabs)	Penetrate and retain water in profile	50% 4-molecule Block Copolymers	15,000 sf/tab
Verdesian EnviroMax (2 x 2.5 gal)	Penetrate and retain water in profile	44% Blend of water holding and penetrating molecules	6 oz/M
Planet Turf Wick EC (2 x 2.5 gal)	Soil Amendment, Penetrator, Flocculator, Balancer	Proprietary blend of Surfactants, and Calcium	2 - 5 gal/A
Planet Turf PolyCal (2 x 2.5 gal)	Soil Amendment, Penetrator, Flocculator, Balancer	Proprietary blend of Surfactants, Polyacrylamides, and Calcium	2 - 5 gal/A
ORO RZ (2 x 2.5 gal)	Move water through thatch and hard soils improve nutrient uptake	19.4% Alcohol Ethoxylate, 10% Orange Oil	1 - 2 qts/A
Anchor Granular Wetting Agent (50 lb bag)	Move water through thatch and hard soils improve nutrient uptake	5% Penetrant on Gypsum carrier	4 lbs/M
Vivax 0-0-20 (50 lb bag)	Granular penetrate and retain water in profile	10% Polyethylene-Polypropylene Glycol - Block Copolymer	3.5 lbs/M
Hydretain Granular OC (40 lb bag)	Granular penetrate and retain water in profile	25% Humectant on organic carrier	2.7 lbs/M

Grass Seed

GRASS SEED	PURPOSE	INGREDIENTS	RATE (M=1000 sq ft, A=Acre)
Pure Green Bent with XCD Coating	Putting green	Pure Distinction, Pure Select, A1 with Bionutrient Coating	1-2 lbs/M
Universal Turf Blend	Shade, sun	30% Bluegrass, 30% Creeping Red Fescue, 40% Ryegrass	225 lbs/A
Chewings Fescue	Shade low use	100% Chewings fescue	250 lbs/A
Sun Gold Tall Fescue w/ Coating	Sports turf, sun	100% Sun Gold with Bionutrient Coating	250 lbs/A
Planet North 70/30 Blend	Divots, repairs, sun	70% 3-way Ryegrass + 30% Bluegrass with Bionutrient Coating	200 lbs/A
Planet Rye PRG Coated	Quick cover, repairs	100% Rye Blend with Bionutrient Coating	250 lbs/A
Moving Out Pure Sport	Sports fields, recovery	Creeping Rye Grass	250 lbs/A
Planet Turf Native Blend	Low maintenance	25% Hard, Chewing, Sheep, and Creeping Red Fescues	150 lbs/A
Planet Sport with XCD Coating	All purpose high use	90% Ryegrass with 10% Bluegrass with Bionutrient coating	200 lbs/A
Planet Turf 85/15 Blue Rye	Economical all purpose	85% Bluegrass, 15% Ryegrass	175 lbs/A
Gly-Rye	Glyphosate resistant	100% Ryegrass, Glyphosate resistant	250 lbs/A
Jumpstart KBG	Fast germinating bluegrass	100% Jumpstart Bluegrass	125 lbs/A
Turfmend	Repairs, divot mix, options-bent, rye, blue, and blue/rye mix	Seed/compost or sand with Yellow Jacket bionutrient coating	75 lbs/M

Chemicals

FUNGICIDE	PURPOSE	INGREDIENTS	RATE (M=1000 FT2, A=ACRE)
ArmorTech CLT 720 (2 x 2.5 gal)	Algae, anthracnose, snow mold, rust	Chlorothalonil 72%	5.5 oz/M
ArmorTech IP 238 (2 x 2.5 gal)	Dollar spot, leaf spot, necrotic ring, typhula	Iprodione 23.8%	4 - 6 oz/M
ArmorTech PPZ 143 MC (2 x 1 gal)	Anthracnose, dollar spot, leaf spot, snow mold	Propiconazole 14.3%	2 oz/M
ArmorTech Fluzoxy-T (2 x 2.5 gal)	Anthracnose, leafspot, snow mold, summer patch	Fluazinim 19.5%, Teb 6.8%, Zoxy 6.2%	1.16 oz/M
ArmorTech Rotator (4 x 1 gal)	Algae, anthracnose, leafspot, snow mold	Fluazinim 40%	0.5 - 1 oz/M
ArmorTech TEB 360 XL (4 x 1 gal)	Anthracnose, fairy ring,	Tebuconazole 36%	0.6 oz/M
ArmorTech TM 462 (2 x 2.5 gal)	Anthracnose, necrotic ring, summer patch, snow mold	Thiophanate Methyl 46.2%	3 oz/M
ArmorTech TMI 20/20 (2 x 2.5 gal)	Anthracnose, necrotic ring, summer patch, snow mold	Thiophanate Methyl 19.6% / Iprodione 19.6%	1 qt/A
ArmorTech Zoxy 2F (2 x 1 gal)	Fairy ring, summer patch, pythium	Azoxystrobin 22.9%	1 - 2 qts/A
ArmorTech Zoxy T (2 x 1 gal)	Patch diseases, anthracnose, snow molds, dollar spot, pythium	Azoxystrobin 11.9%/Tebuconazole 26.9%	1 - 2 qts/A
ArmorTech CYA 345 (12 x 39.2 oz case)	Pythium, root disfunction, damping off	Cyazofamid 34.5%	0.45 - 0.9 oz/A
Affirm Cleary (3 x 2.4 lb case)	Anthracnose, fairy ring	Polyoxin-D 11.3%	2.4 lbs/A
Enclave (2 x 2.5 gal)	Anthracnose, dollar spot, snow mold	CLT 28.7%, Ipro 9.4%, TM 9.4%, Teb 2.8%	3 - 8 oz/M
Manzate T/O (8 x 6 lb case)	Algae, anthracnose, leafspot, snow mold	75% Mancozeb	4 - 8 oz/M
Mefenoxam 2 AQ (4 x 1 gal)	Pythium, phytophthora	Mefenoxam 22.5%	1 oz/M
Nivales T (4 x 1 gal)	Anthracnose, fairy ring, summer patch, snow mold	Fluidoxanil+Teb	2 oz/M
Karma Propamocarb (Proplant) (4 x 1 gal)	Pythium, damping off	Propamocarb 66.8%	1.3 - 4 oz/M
QualiPro Fosetyl Al (4 x 5.5 lb case)	Pythium, phytophthora	Aluminum Tris 80%	4 - 8 oz/M
PPZ 41.8 Select (2 x 2.5 gal)	Anthracnose, dollar spot, leaf spot, snow mold	Propiconazole 41.8%	0.7 oz/M
Microthiol Disperse (30 lb bag)	Leafspot, rust, powdery mildew, take all	Soluble Sulfur 80%	10 - 50 lbs/A
Tourney (2 x 5 lbs case)	Anthracnose, fairy ring,	Metaconazole 50%	1 lb/A
Prevam (2 x 2.5 gal)	Organic mildew, rust, botrytis	Sodium Tetraborohydrate Decahydrate	1 oz/M
Turfcide 400 (2 x 2.5 gal)	Snow mold	PCNB 40%	8 - 16 oz/M
Zoxy PG (30 lb bag)	Anthracnose, snow mold, fairy ring	Azoxystrobin .31%, Propiconazole .75%	3 lbs/M
Turfcide 10G (50 lb bag)	Snow mold	PCNB 10%	5 - 10 lbs/M
3336DG Lite Granular Fungicide (30 lb bag)	Anthracnose, necrotic ring, summer patch, snow mold	Thiophanate Granular, 2.08%/1	3 - 6 lbs/M
Daconil G (40 lb bag)	Algae, anthracnose, snow mold, rust	Chlorothalonil, 5%	3 - 6 lbs/M

INSECTICIDE	PURPOSE	INGREDIENTS	RATE (M=1000 FT2, A=ACRE)
QualiPro Imidacloprid 2F (4 x 1 gal)	Golf, residential systemic control of soil insects	21.8% Imidacloprid	1.5 pts/A
Nufarm Arena 50 WDG (4 x 40 oz)	Golf, residential grubs, chinch, golf	Clothianidin	6.4 - 12.8 oz/A
QualiPro Suprado (2 x 1 gal)	IGR, bluegrass weevil, billbug, grubs, chinch bugs	Novaluron	2 - 4 qts/A
Carbaryl 4L (2 x 2.5 gal)	Golf, residential, ants, cutworms, grubs	42.6% Carbaryl	2 - 4 qts/A
Lambda-Cy (RUP) (4 x 1 gal)	Golf, residential, ants, cutworms, grubs	9.7% Lambda Cy	2 - 3.8 oz/A
CSI 4-4 (Mosquito) (2 x 2.5 gal)	Residential, recreational mosquitos, flies	Permethrin, Piperonyl Butoxide	Fogger
QualiPro Bifenthrin Golf and Nursery 7.9F (4 x 1 gal)	Ornamental, golf, ants, cutworm, adult beetle	7.9% Bifenthrin	10 - 40 oz/A
QualiPro Bifen-IT 7.9F (4 x 1 gal)	Home, recreation, lawns, ants, bill bugs, mites	7.9% Bifenthrin	10 - 40 oz/A
QualiPro Bifen LP granular G (25 lb bag)	Ornamental, golf, ants, cutworm, adult beetle	Bifenthrin G 0.2%	10 - 40 oz/A
QualiPro Imidacloprid 0.5 G granular (30 lb bag)	Systemic control of soil insects in turf	Granular IMD	60 - 80 lbs/A
Nuvan Pro strip Plus (12 x 16 g, 3 x 65 g)	Bees, all insects, inside bldgs, control boxes	Nuvan Pro Strip Plus	varies
QualiPro D-fense Dust (12 x 1 lb case)	Golf, lawns, parks, ants bees	D-fense Dust	0.5 lb/M
Martins Gopher Bait 50 (12 x 1, 45 lb)	Pasture, fields, pocket gopher	0.5% Strychnine	1 lb/ A
QualiPro Stryker 5-4 (12 x 15 oz can)	Aersol wasp and hornet	0.1% Prallethrin	as needed
QualiPro Taurus SC (4 x 20 oz bottle)	Residential ants, spiders flies,	9.1% Fipronil	1 oz /gal
UPL Perm-Up 3.2 EC RU (4 x 1 gal)	Nursery, lawn ants, webworm, ash borer	36.8% Permethrin	4 - 8 oz/A
QualiPro Fuse Insecticide (4 x 27.5 oz)	Residential ants, earwigs, pill bugs	Fipronil + Imidacloprid	13 oz/A
QualiPro Proflex Mosquito (6 x 1 qt)	Mosquitos, fleas, ticks	Lambda/+ 2 other	1 - 2 oz/M
QualiPro D-Fense NXT (15 oz can)	Inside buildings, ants, bed bugs, mosquito, bees	Novaluron, Deltamethrin, Pyriproxyfen	as needed
QualiPro Doxem Plus (4 lb bottle)	Turfgrass ant bait	Indoxacarb, Novaluron, Pyriproxyfen	1.5 lb/A



Chemicals

ADDITIVES	PURPOSE	INGREDIENTS	RATES
Surf-Ac 910 90:10 (2 x 2.5 gal)	Non-ionic spreader	90% Surfactant	1 - 4pts/100 gal
AQUATIC Surfactant (2 x 2.5 gal)	Non-ionic spreader, antifoam	Various Aquatic Surfactants	1 - 4pts/100 gal
Constant BupHer (2 x 2.5 gal)	Organic pH adjustment	Citric and Acetic Acid	8 - 16oz/100 gal
Transport PLUS (2 x 2.5 gal)	AS replacment surfactant for herbicides	79.9% Agents	1 - 2 qts/100 gal
Persist Ultra (2 x 2.5 gal)	Methylated seed oil herbicide activator	85% Seed oil	1.5 - 2 pts/acre
Aqua Lock (2 x 2.5)	Prevent desiccation anti-transpirant	30% Polymer	2 gal/A
Border 2.0 (2 x 2.5 gal)	Drift control, deposition aid	43% Glycol, Guar gum	1 - 2 pts/100 gal
Gun Down Elite (4 x 1 gal)	Defoamer	30% Silca gel	1 - 4 oz
Erase (4 x 1 gal)	Spray tank system cleaner	100% Cleaners	1 qt/50 gal
Signal Blue (4 x 1 gal)	Spray pattern indicator	Organic blue dye	1 qt/100 gal
Super Signal Blue (2.5 gal)	High concentrate spray indicator	Organic blue dye	16 oz/100 gal
Signal Blue Solupaks (48 x 2 oz packs per case)	Spray pattern indicator	Organic blue dye	2 oz/50 gal
Super Signal Green (12 x 2 oz)	Spray pattern indicator	Organic green dye	16 - 32 oz/100 gal
Signal Green Solupaks (12 x 2 oz)	Spray pattern indicator	Organic green dye	2 oz/50 gal
Runway Foamer maker (12 x 1 qt)	Foam marker indicator	100% Foaming agent	3 oz/2 gal
Jet Black Solupaks - (24 x 5.25 oz packs per case)	Pond and lake dye	100% Black dye	1 pk/ac-ft
Brandt Lochness Black Pond Dye (qts)	Pond and lake dye	Blue dye	1 pt/ac-ft
True Blue EZ Solupaks (24 x 5.25 oz packs per case)	Pond and lake dye	Blue dye	1 pk/ac-ft
True Blue Pond Dye (4 x 1 gal)	Pond and lake dye	Blue dye	20 oz/ac-ft
Lake treatment (12 x 1 L)	Biological control of lake/ond green algae	Blend of diatom food	1 L /4 mil gal
Solarous Plant Enhancer (4 x 1 gal)	Protects plants from harmful UVB sun rays	Chromatic green pigment and micronized mica	0.5 - 2 oz/1000 sf
Replace XL (2 x 2.5 gal)	Green divot mix dye	Green pigments for sand	1 - 2 oz/100 lbs
Optimizer Green Shade (4 x 1 gal)	Green pigment	Copper Phtyalocyanine based green pigmet	16 - 40/ac
Wetcit (2 x 2.5 gal)	Pesticide activator and wetting agent	Orange oil and wetting agents	1 qt/100 gal
NanoCharge (1 x 4 gal)	Fertilzier and pesticide efficiency booster	1% N, and nano particles	8.7 oz /acre

PLANT GROWTH REGULATOR	PURPOSE	INGREDIENTS	RATE (M=1000 FT2, A=ACRE)
ArmorTech PAC 223 (4 x 1 gal)	Growth regulation on all grasses	22.3% Paclobutrazol	6.4 - 32 oz/A
ArmorTech PGR 113 MC (2 x 1 gal)	Growth regulation on all grasses	11.3% Trinexapac Ethyl	5.4 - 8 oz/A
Ethephon (2 x 2.5 gal)	Growth regulation and seed head suppression	12.7% Ethephon	5 oz/M
Anuew 4 x 4 x 1.5 lbs	Growth regulation	27.5% Prohexadione-Calcium	8 oz/A
ProHex (4 x 6 lb)	Growth regulation	27.5% Prohexadione-Calcium	8 oz/A

HERBICIDE	PURPOSE	INGREDIENTS	RATE (M=1000 FT2, A=ACRE)
ArmorTech 3LO (2 x 2.5 gal)	Selective broadleaf	24D 30.89%, MCPA 8.23%, Dicamba 2.77%	3 - 4 pts/A
ArmorTech 4-Runner (2 x 2.5 gal)	90 weeds, oxalis, clover, and more	Non-2,4-D, MCPA 23.78%, Triclopyr 4.37%, Dicamba 3.49%, Sulfentrazone 0.82%	3 pts/A
ArmorTech Kade 4 L (2 x 2.5 gal)	Pre-emergent	Prodiamine 40.7%	10 - 30 oz/A
ArmorTech Sulf 396 (4 x 1 gal)	Selective broadleaf and grasses	Sulfentrazone 39.6%	4 - 8 oz/A
ArmorTech Surezone (2 x 2.5 gal)	Selective broadleaf	.43% Sulfentrazone, 18% 24D, 6.49% MCPA, 1.68% Dicamba	3 - 4 pts/A
ArmorTech Trione XL (4 x 1 gal)	Selective kill of bentgrass, and other weeds	Mesotrione 40%	4 - 8 oz/A
2,4-D Amine (2 x 2.5 gal)	Selective broadleaf	47.2% 24D	3 - 4 pts/A
Addit (4 x 8 oz bottle)	Moss, medic, kochia, knotweed	21.58% Carfentrazone-Ethyl	.154 oz/M
Alligare Argos Copper 9% (2 x 2.5 gal)	Aquatic weed control	27.9% Copper Chelate	1 - 3 gal/ac-ft
Alligare Dicamba+ 2,4-D (2 x 2.5 gal)	Selective broadleaf	50.2% Dicamba	0.5 - 4 pts/A
Alligare Diquat (4 x 1 gal)	Landscape and aquatic	37.3% Diquat	Varies
Alligare Diuron 4L (2 x 2.5 gal)	Non selective bare ground right of way	40.7% Diuron	6 qts/A
Alligare Imox (6 x 1 qt)	Selective aquatic	12.1% Imazamox	32 - 64 oz/A
Alligare Triclopyr 3 (2 x 2.5 gal)	Woody plants, aquatic, right of way	44.4% Triclopyr	1 - 6 qts/A
Alligare Triclopyr 4EC (4 x 1 gal)	Selective broadleaf lawn ornamental	61.6 Triclopyr	1 - 2 pts/A
Aquaneat (2 x 2.5 gal)	Aquatic weed control	53.8% Glyphosate	Varies
Casoron 4G (50 lb bag)	Pre-emergent, ornamental, landscapes	4% Dichlobenil	150 - 200 lbs/A
Dimension .25G (50 lb bag)	Pre-emergent	0.25% Dithiopyr	100 - 150 lbs/A
Dimension + Defendor MultiPak	Pre-emergent	1 gal Defendor + 2 gal Dimension 2EW	1 pak treats 31A
Dow Defendor (4 x 1 qt)	Post control grasses and broadleaf, lawns golf	4.84% Florasulam	4 oz/A
Gallery 25C (12 x 1 qt bottle)	Pre-emergent, golf, lawns	45.5% Isoxaben	0.66/1.33 lbs/A
Glyphosate Plus (2 x 2.5 gal)	Non selective	41% Glyphosate	1 - 5 qts/A
Martins Eraser Max (12 x 1 qt case)	Bare ground lawn ornamental	43% Glyphosate, .78% Imazapyr	6 - 7.4 oz/M
Mojave 70 EG (10 x 5 lb bag)	Bare ground, right of way	7.7% Imazapyr, 62.2% Diuron	10 lbs/A
Nufarm Cheetah Pro (2 x 2.5 gal)	Non selective glyphosate alternative, spot treat	24.5% Glufosinate	24 - 56 oz/A
Nufarm Horsepower (2 x 2.5 gal)	Selective broadleaf	MCPA (48.99%), Triclopyr (5.59%), Dicamba (4.82%)	2 - 3.5 pts/A
Nufarm Sure Power (2 x 2.5 gal)	Selective broadleaf	2,4-D (36.33%), Triclopyr (3.63%), Fluroxypyr (3.63%), Flumioxazin (0.22%)	2 - 3.5 pts/A
Pramitol 25E (4 x 1 gal)	Bare ground, right of way	25% Prometon	4 - 10 gal/A
Prodoxaben G (50 lb bag)	Pre-emergent lawns golf	.4% Prodiamine, .25% Isoxaben	100 - 200 lbs/A
QualiPro 2D (4 x 1 gal)	Clover golf only in WA, OR	33% Triclopyr, 12.1% Clopyralid	1 - 2 pts/A
QualiPro Dithiopyr 2EW (4 x 1 gal)	Pre-emergent lawns golf	24% Dithiopyr	0.73 oz/1000/M
QualiPro Flumi-Shield SC (12 x 8 oz case)	Pre-emergent & aquatic, golf, residential, parks	42% Flumioxazin	1 pt/A
QualiPro Quinclorac 75 DF (6 x 1 lb)	Crabgrass	Quinclorac 75%	16 oz/A
QualiPro Sedgemaster WDG (4 x 1.33 oz)	Horsetail, sedge	75% Halosulfuron-Methyl	1.33 oz/A
QualiPro T/I 2.5 G (50 lb bag)	Pre-emergent	2% Trifluralin, 0.5% Isoxaben	100 - 200 lbs/A
Quintessential (4 x 64 oz)	Crabgrass foxtail, clover, daisy, medic, violet	Quinclorac 19% with H-Value	4 pts/A
Rightline Etho 45C (4 x 64 oz)	Poa annua, chickweed, crabgrass, clover	42% Ethofumesate	Varies
Sublime (2 x 2.5 gal)	Spurge, violet, poa annua, crabgrass, bentgrass	29.5% Triclopyr, 16.27% Dicamba, 5.20% Mesotrione	32 oz/A

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