



NATURE SAFE FERTILIZERS

TURF AND ORNAMENTALS

YOUR CHOICE FOR SOIL AND PLANT HEALTH

There are many fine products available to turf professionals, but for soil and plant nutrition there is one fertilizer that stands apart - Nature Safe Fertilizers. We serve green industry professionals to improve the vitality, sustainability and profitability of golf courses, lawns and landscapes, sports turfs, nurseries and greenhouses. Nature Safe fertilizers are formulated by Darling Ingredients, a global leader in creating sustainable food, feed, fertilizer and fuel ingredients from inedible bio-nutrients to help provide for the needs of a growing global population. The organic feed compounds demanded by animals are also required by plants for their growth, protection, reproduction and ultimate survival. Nature Safe has simply taken the same approach used to maximize animal nutrition to create a family of products that emphasizes soil and plant health.





OUTSTANDING TURF COLOR AND STRESS TOLERANCE

Nature Safe fertilizers are constructed, meal-based fertilizers derived from feed grade proteins, such as meat, bone, blood, and feather meals. We also offer formulations that combine an inorganic nitrogen source. Nature Safe has the highest amino acid concentration of any commercial fertilizer. This means you can be sure of product consistency, nutrient availability and an extremely predictable release. Nature Safe promotes great turf color and builds stress tolerance. The slow, even feed minimizes top growth and enhances microbial activity to reduce thatch. The end result is a nutrition foundation critical to building root mass, improving density, and enhancing overall disease management properties to protect your turf.




*Nature
Safe*[®]

DARLING
INGREDIENTS

PRODUCT FORMULATIONS

Product	Lbs./ Acre/1 Lb. N	Nitrogen Breakdown		Secondary Elements		Amino Acid Content
5-6-6 Starter Fertilizer Meat meal, bone meal, blood meal and langbeinite Fine (SGN 130-140) 	871	Ammoniacal W.I.N. W.S.N.	0.20% 4.50% 0.30%	Calcium Magnesium Sulfur	5.00% 1.50% 4.00%	31.2%
7-12-0 Organic Fertilizer Meat and bone meal, blood meal Coarse (SGN 220-230) 	622	Ammoniacal W.I.N. W.S.N.	0.30% 5.90% 0.80%	Calcium	10.00%	42.2%
8-3-5 Stress Guard Fertilizer Feather meal, meat and bone meal, blood meal and langeinite Super Fine (SGN 80-100), Fine (SGN 130-140), Coarse (SGN 220-230) 	545	Ammoniacal W.I.N. W.S.N.	0.20% 7.20% 0.60%	Calcium Magnesium Sulfur	3.00% 2.20% 4.00%	49.9%
8-5-5 Landscape Fertilizer Feather meal, meat and bone meal, blood meal and sulfate of potash Pelleted (SGN 5/32" X 1/4" - 1/2") 	545	Ammoniacal W.I.N. W.S.N.	0.30% 6.80% 0.90%	Calcium Sulfur	4.50% 1.00%	50.1%
9-0-9 Nitrogen & Potassium Fertilizer Feather meal, meat meal, blood meal and sulfate of potash Coarse (SGN 220-230)	490	Ammoniacal W.I.N. W.S.N.	0.25% 8.00% 0.75%	Sulfur	3.00%	56.1%
9-6-1 Organic Fertilizer Meat and bone meal and blood meal Pelleted (SGN 5/32" X 1/4" - 1/2"), Unpelleted 	490	Ammoniacal W.I.N. W.S.N.	0.20% 7.00% 1.80%	Calcium	5.00%	53.8%
10-0-8 Nitrogen & Potassium Fertilizer w/Kelp Extract Feather meal, meat meal, blood meal, kelp extract and sulfate of potash Super Fine (SGN 80-100)	436	Ammoniacal W.I.N. W.S.N.	0.25% 9.00% 0.75%	Calcium Sulfur	1.80% 3.00%	60.2%
10-2-8 All Season Fertilizer Feather meal, meat and bone meal, blood meal, sulfate of potash Fine (SGN 130-140), Coarse (SGN 220-230) 	436	Ammoniacal W.I.N. W.S.N.	0.25% 9.00% 0.75%	Calcium Sulfur	1.80% 3.00%	60.3
12-0-6 Ammonium Sulfate Fortified Fertilizer Feather meal, meat meal, blood meal, sulfate of potash, ammonium sulfate Coarse (SGN 220-230)	363	Ammoniacal W.I.N. W.S.N.	5.80% 5.80% 0.40%	Calcium Sulfur	1.00% 8.00%	38.1%
12-2-6 Ammonium Sulfate Fortified Fertilizer Feather meal, meat and bone meal, blood meal, sulfate of potash and ammonium sulfate Fine (SGN 130-140)	363	Ammoniacal W.I.N. W.S.N.	6.00% 5.60% 0.40%	Calcium Sulfur	2.00% 8.00%	38.3%

PRODUCT FORMULATIONS

Product	Lbs./ Acre/1 Lb. N	Nitrogen Breakdown		Secondary Elements		Amino Acid Content
13-0-0 Blending Base Feather meal, meat meal and blood meal Coarse (SGN 220-230), Pelleted (SGN 5/32" X 1/4" - 1/2") 	335	Ammoniacal	0.19%			75.4%
		W.I.N.	12.04%			
		W.S.N.	0.77%			
15-0-1 Hi-Sol Organic Nitrogen Porcine blood meal Dry Flowable Powder 	290	Ammoniacal	0.01%	Iron	0.20%	89.5%
		W.I.N.	5.21%			
		W.S.N.	9.78%			
15-1-1 Soluble Organic Fertilizer Porcine protein hydrolysate Dry Flowable Powder 		Ammoniacal	0.40%			89.5%
		W.S.N.	14.60%			
16-0-2 with Ammonium Sulfate and Stabilized Nitrogen Feather meal, meat meal, blood meal, urea, sulfate of potash, ammonium sulfate Coarse (SGN 220-230)	272	Ammoniacal	1.61%	Sulfur	2.00%	12.5%
		Urea	11.96%			
		W.I.N.	2.40%			
		W.S.N.	0.03%			
18-0-4 Blended with MESA® Feather meal, meat meal, blood meal, sulfate of potash, methylene urea, ammonium sulfate and urea Fine (SGN 130-140)	242	Ammoniacal	2.04%	Sulfur	3.00%	42.1%
		Urea	0.87%			
		W.I.N.	10.02%			
		W.S.N.	5.07%			
21-3-7 Blended with UFLEXX® Urea, meat and bone meal, blood meal and sulfate of potash Coarse (SGN 220-230)	209	Ammoniacal	0.01%	Calcium	2.00%	25.6%
		Urea	18.20%	Sulfur	2.00%	
		W.I.N.	2.10%			
		W.S.N.	0.69%			
27-0-2 Blended with UFLEXX® Urea, meat meal, blood meal and sulfate of potash Coarse (SGN 220-230)	161	Ammoniacal	0.05%	Calcium	1.00%	25.1%
		Urea	23.00%			
		W.I.N.	3.30%			
		W.S.N.	0.65%			

MESA® is a registered trademark of Lebanon Seaboard Corporation

UFLEXX™ is a trademark of Koch Agronomic Services, LLC

STANDARD GUIDE NUMBER (SGN)



SUPER FINE 80-100



FINE 130-140



COARSE 220-230



PELLETED
5/32" Dia. x 1/4" to 1/2" Long

PRODUCT COMPOSITION

Nature Safe products are a blend of various plant and animal meals that balance proteins and fats. These meals contain essential natural amino acids, chelated secondary elements, vitamins and enzymes. Our all-natural ingredients supply the food energy your property needs to increase the number of natural microbes found in the soil, while also providing the basic nutrients needed for healthy plant growth and improved turf quality.

PRODUCT EFFICIENCY

Soil microbes, soil temperature and moisture naturally control and regulate the slow release rate of Nature Safe. This controlled rate of release promotes an improved turf.

GROWTH FACTORS

Nature Safe is primarily a high organic WIN fertilizer with minimal leaching and volatilization. Our slow microbial release rate promotes excellent efficiency and color as well as density and growth. This makes Nature Safe ideal for applications near sensitive environmental areas, such as wetlands, streams and lakes.

TURF PROGRAMS AND APPLICATION RATES

Nature Safe programs were designed to create IPM synergy. This synergy balances traditional turf management methods inclusive of chemical and cultural tools with the biological benefits of Nature Safe. These programs meet the demands for improved turf quality for all soil and turf types. The key to success with Nature Safe is the cumulative effects of the product to improve soil health which positively impacts plant health.

Nature Safe is a foundational product to be used every two to three months during the growing season.

THE BEST SOLUTION FOR YOUR SITUATION

Regardless of the weather, soil type, stress or disease encroachment challenging your turf, Nature Safe has a fertility program that's right for you. A complete line of all organic and fortified organic formulations ensure we can help address both agronomic and economic turf challenges.

- A 90% slow-release organic fertilizer that promotes excellent residual color and density with slow, even growth (WIN % varies by formulation).
- A constructed, meal-based product that supplies the plant nutrients needed for healthy turfgrass growth in a wide range of soil types, pH and weather conditions.
- An organic fertilizer with a low salt index, ideal for hot weather applications to promote turf recovery and increase wear and stress tolerance while also improving nutrient and water utilization.
- A balanced carbon-to-nitrogen ratio for continuous nutrient availability and a replacement for organic matter lost from clippings removal.
- Natural chelated secondary elements provide a complete and value-added nutrient package for optimizing IPM program effectiveness.
- Contains carbon, vitamins and enzymes needed for basic metabolic processes within the plant.
- A complete nutrient packed fertility product line that improves the effectiveness of other sound turf management practices and maximizes fertility value.
- An extensive product line provides options to address almost any agronomic challenge or economic constraint.

For more information about our products, please contact us:

(800) 743-7413 251 O'Connor Ridge Blvd. Suite 300 Irving TX 75038

naturesafe.com

**Nature
Safe**[®]

DARLING
INGREDIENTS