



Foltec[®] SG

DIFFERENT
BY DESIGN

SOLUBLE

SENSIBLE

SUPERB

**The
Andersons[®]**

PLANT NUTRIENT

www.FoltecSG.com



Foltec® SG™ is an innovative foliar nutrient technology from The Andersons. Designed to be different, Foltec SG will change the way superintendents and turf managers think about complex foliar nutrition programs.



The Foltec SG difference:
SOLUBLE | SENSIBLE | SUPERB

SOLUBLE

Unlike industry standard liquid fertilizers consisting of numerous formulations and packaged in cumbersome plastic jugs, Foltec SG is a proprietary combination of dry soluble granules (SG) that quickly solubilize in the spray tank. This combination of soluble granules creates a complete nutrition product that reduces the need for a complex tank mix using a wide variety of products. Each Foltec SG product contains a specific N-P-K ratio along with essential micronutrients, UltraMate SG and sea plant extract.

Foltec SG is available in three formulations which have been shown to fit the parameters of a typical foliar applied fertility program and include a High N, High P and High K formulation.

FOLTEC SG COMPLETE NUTRIENT PRODUCTS							
Nutrient %						UltraMate SG lbs/acre	Sea Plant Extract lbs/acre
NPK	Mg	Fe	Mn	Cu	Zn		
24-0-8	0	1.0	0.5	0.07	0.1	0.5	0.16
8-0-24	0.5	1.0	0.5	0.07	0.07	0.5	0.16
8-24-8	0.5	1.0	0.5	0.07	0.07	0.25	0.16

Foltec SG complete nutrition products are designed to be used singly or can be combined to create a desired N-P-K ratio.



APPLICATION

Foltec SG can be introduced into the spray tank through an inductor, or by removing the basket strainer and pouring Foltec SG directly into the spray tank, with adequate water and agitation. In field testing with self-contained spray rigs with typical agitation, Foltec SG solubilized quickly and thoroughly. Foltec SG products have also been shown to be compatible with many commonly used control products.

SENSIBLE

Foltec SG is innovative and is designed to be different than the standard liquid foliar fertility products in many sensible ways.

PACKAGING

Foltec SG is packaged in a resealable foil-lined bag with an easy open tear strip to save time and effort during mixing and loading. There are no plastic jugs to triple rinse and recycle.

COVERAGE

Foltec SG is packaged based on application rate and coverage. A single 13.6 lb. bag will cover 1 acre at the typical application rate. A case contains 3 x 13.6 lb. bags which will cover 3 acres. Please reference the coverage table on the next page for more detail.

STORAGE

Because Foltec SG utilizes dry soluble granules, it will not freeze or require heated storage and special handling requirements like liquid formulations do. Foltec SG can be shipped at any time of the year under all weather conditions.

COST EFFECTIVE

Foltec SG is a combination of N-P-K, micronutrients, UltraMate SG and sea plant extract which provides complete nutrition and reduces the need to create a complex tank mix using a variety of products. The cost in use of Foltec SG (for a typical two week interval foliar spray program) will be comparable to other mid-tier liquid industry standards and can also be less expensive than many other competitors.



SUPERB

N-P-K

Foltec SG is formulated in three of the most widely used agronomic N-P-K ratios. High N: 24-0-8, High P: 8-24-8 and High K: 8-0-24. These formulas can be easily combined to create your preferred N-P-K ratio.

MICRONUTRIENTS

Foltec SG utilizes chelated micronutrients in a proven ratio that maximizes availability, efficacy and performance.

ULTRAMATE SG®

UltraMate SG is The Andersons exclusive formulation of soluble sulfonated potassium humate which provides an oxidized source of carbon. UltraMate SG contains a combination of fulvic and humic acids which allow plants to utilize applied nutrients more effectively and efficiently. UltraMate SG also provides a wide range of soil benefits which include chelation of nutrients and increased uptake of soil N and P.

SEA PLANT EXTRACT

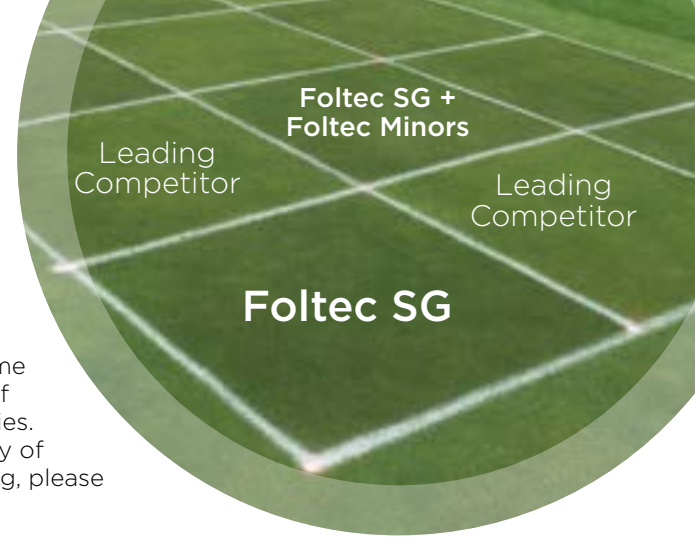
Foltec SG contains sea plant extracts derived from the most biologically active sea plant species in the world. They contain a complex array of organic and mineral compounds which include cytokinins, vitamins, sugars, enzymes and proteins that combine together to promote improved wear and drought tolerance. Foltec SG utilizes the proven 3:1 ratio of humic acid to sea plant extract for maximum plant health benefits based on research conducted at Virginia Tech University.¹

¹ Zhang, Xunzhong, and E. H. Ervin. "Cytokinin-Containing Seaweed and Humic Acid Extracts Associated with Creeping Bentgrass Leaf Cytokinins and Drought Resistance." *Crop Science* 44.5 (2004).



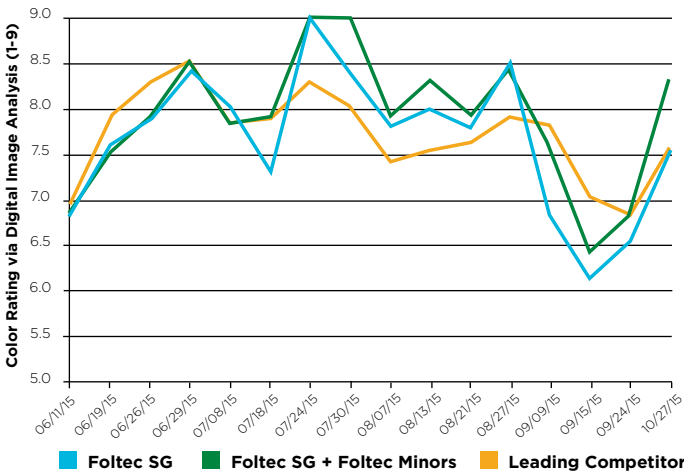
REAL WORLD PERFORMANCE

Over the last three years Foltec SG has been developed and field tested to ensure maximum solubility and superb agronomic performance. Replicated testing at Michigan State University and the University of Arkansas confirms excellent performance on ultradwarf varieties of bentgrass and bermudagrass. When compared to a leading competitor's program, treatments that included Foltec SG had superior quality and color. Through this testing it was determined that Foltec SG provided exceptional greening of the turf canopy within a very short period of time following application. This quick green up surpassed the performance of the leading competitor and impressed the researchers at both universities. The results of the studies at Michigan State University and the University of Arkansas are shown below. For more specific information on field testing, please visit FoltecSG.com.



MICHIGAN STATE UNIVERSITY, 2015

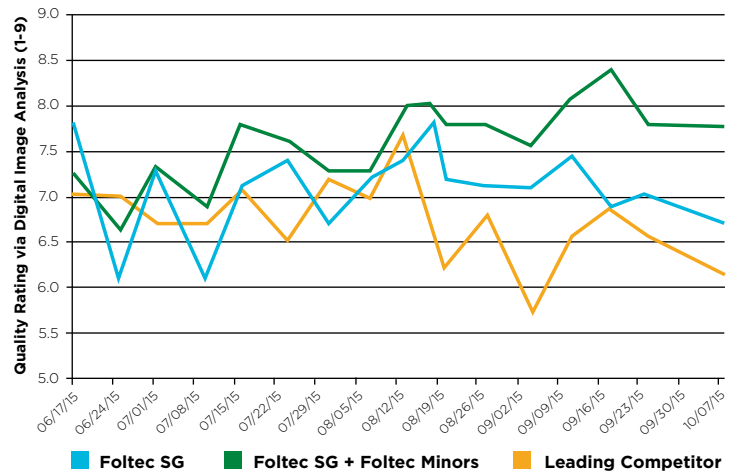
AVERAGE TURF COLOR – T1 BENTGRASS



» The decrease in color observed in late August through mid-September was due to high dollar spot pressure on all test plots.

UNIVERSITY OF ARKANSAS, 2015

AVERAGE TURF QUALITY – TIFEAGLE BERMUDAGRASS



APPLICATION RATES, COVERAGE & SUGGESTED BLENDS

FOLTEC SG RATE AND COVERAGE SUMMARY (PER ACRE)

Formula	Package 13.6 lbs	Delivers lbs. of Nutrient per M			UltraMate SG lbs/acre	Sea Plant Extract lbs/acre
		N	P	K		
24-0-8	1	0.075	0.000	0.025	0.5	0.16
8-0-24	1	0.025	0.000	0.075	0.5	0.16
8-24-8	1	0.025	0.075	0.025	0.25	0.16

FOLTEC SG SUGGESTED PRODUCT COMBINATIONS (PER ACRE)

Blend Name	Product Combinations	Package 13.6 lbs	Delivers lbs. of Nutrient per M			UltraMate SG lbs/acre	Sea Plant Extract lbs/acre
			N	P	K		
Turf Foundation	24-0-8 & 8-0-24	1 each formula	0.100	0.000	0.100	1.0	0.32
Aerification	24-0-8, 8-0-24 & 8-24-8	1 each formula	0.125	0.075	0.125	1.25	0.48

COMPATIBILITY

Replicated bench studies with Foltec SG formulations show excellent compatibility with the most widely used control products for finely maintained bentgrass and bermudagrass turf. For more details, please visit FoltecSG.com.