



5•2•4+FE

ALL PURPOSE NATURAL BASED FERTILIZER FOR TURF

**KNOWN WORLDWIDE FOR SIMPLY THE BEST...
...NATURAL FERTILIZER & SOIL BUILDERS!**

SUSTANE® 5•2•4+FE **GRANULATED NATURAL BASED** **SLOW RELEASE NITROGEN FERTILIZER**

Recommended Use:

Sustane 5-2-4+Fe is the all-purpose turf food and is available in either Medium Grade for lawn and fairway applications, sportsfields, parks and lawncare, or Fine Grade for putting greens and tee boxes. Suitable for use on all turfgrass types providing quick green up followed by long lasting slow release organic nitrogen.

Description:

Sustane 5-2-4+Fe is the original Sustane formula first created in 1988. As this was the first Sustane product available on the market, it soon became the standard natural based fertilizer evaluated by numerous universities. Michigan State University, Cornell, University of Rhode Island were three of the first research facilities to discover that Sustane 5-2-4+Fe was highly suppressive of common diseases affecting turfgrass including Anthracnose (summer decline), Brown Patch, Dollar Spot, and Red Thread.

Professional Grade

Sustane Natural Fertilizer is backed by over 30 years of independent applied research on diverse crops and ecosystems. Unmatched by any other organic fertilizer manufacturer, such research is the foundation for developing products that deliver value under a wide variety of growing conditions. The superior performance of Sustane's products is recognized by turf managers and superintendents from around the world.

ENHANCED DISEASE
SUPPRESSION AND QUICK
GREEN UP WITHOUT
EXCESSIVE GROWTH

Benefits of Sustane 5•2•4+Fe

- Increases nutrient and water holding capacity of the soil
- Strengthens plants' tolerance against hot, dry conditions
- Promotes greater root development
- Improves buffering against changes in soil pH
- Increases the soil's ability to suppress plant pathogens
- Enhances natural soilborne disease suppression
- Increases soil porosity and improves overall soil quality
- Provides quick green up followed by six to eight weeks of even color and growth.



APPLICATION RATES*

Turf Coverage

50 lb. covers 2500 ft² @ 1 lb. N per 1000 ft² (44 lb. N per acre)
 22.67 kg covers 232 m² @ 0.5 kg N per 100 m² (50 kg N per hectare)
 20 lb. per 1000 ft² = 100 g per 1 m²

IMPERIAL					METRIC				
50-lb. bag covers 2,500 sq. ft. at 1 lb. N per 1,000 sq. ft.					22.67-kg. bag covers 232 sq. m. at 0.5 kg. N per 100 sq. m.				
Standard Appl. Rates	Appl. Rate Lb. Product per 1,000 ft. ²	Supplies Lb. N per 1,000 ft. ²	Appl. Rate Lb. Product per Acre	Supplies Lb. N Per Acre	Appl. Rate Kg. Prod. Per 100 m ²	Appl. Rate Grams Prod. Per 1 m ²	Supplies Grams N Per 1 m ²	Appl. Rate Kg. Prod. Per Hectare	Supplies kg. N Per Hectare
Full Rate	20	1	871	44	9.8	98	4.9	976	48.8
Half Rate	10	0.5	436	22	4.9	49	2.4	488	24.4
Quarter Rate	5	0.25	218	11	2.4	24	1.2	244	12.2

Cool Season Grasses

Golf course fairways, roughs, collars, sports fields, parks, & lawncare

Standard maintenance rates:

Spring, Summer, Fall

3 kg to 5 kg per 100 m² (6.6 lb. to 11 lb. per 1000 ft²) depending on N required.

Warm Season Grasses

Golf course fairways, roughs, collars, sports fields, parks, and lawncare

5-10 lb. per 1000 ft² or 0.25 - 0.5 lb. N/1000ft² (2.5-5 kg per 100m²) per application at frequency determined by clipping yields.

**NOTE: ADJUST FERTILIZER PROGRAM FOR LOCAL CONDITIONS AND REQUIREMENTS.

Storage:

Store in a cool, dry place. Do not expose to moisture or extreme temperatures.

Item #	Package Size	Units / Pallet
Sustāne 5-2-4+Fe		
<i>FINE GRADE, SGN 100</i>		
<i>(1.4 mm - 0.6 mm)</i>		
40-35-1311	50 lb. bags	40 bags / pallet
40-35-1351	1-ton tote	1 tote / pallet
40-35-1375 (international)	22.68 kg bags	44 bags / ISPM pallet
MEDIUM GRADE, SGN 200		
<i>(2.8 mm - 1.4 mm)</i>		
40-35-1111	50 lb. bags	40 bags / pallet
40-35-1151	1-ton tote	1 tote / pallet
40-35-1175 (international)	22.68 kg bags	44 bags / ISPM pallet



5-2-4+Fe Guaranteed Analysis	
Total Nitrogen (N).....	5%
1.1% Ammoniacal Nitrogen	
3.5% Water Insoluble Organic Nitrogen*	
0.1% Urea Nitrogen	
0.3% Other Water Soluble Organic Nitrogen	
Available Phosphate (P ₂ O ₅).....	2%
Soluble Potash (K ₂ O).....	4%
Calcium (Ca).....	3%
Iron (Fe).....	2%
Sulfur (S).....	2%
<i>Derived from aerobically composted turkey litter, methylene urea, sulfate of potash, ammonium sulfate, and iron sulfate.</i>	
*3.5% slowly available nitrogen from aerobically composted turkey litter and feather meal	
Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapf-co.org/metals.html	