



SAXSYM™ Foundation

Apex

**FULLY INTEGRATED
LIQUID BIOLOGICAL
IN-FURROW
SOLUTION**

CORN, COTTON & SUNFLOWER

Manufactured, Distributed and Guaranteed by:
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Leaders in Science. Partners in Growth.



SAXSYMTM Foundation Apex

SAXSYMTM FOUNDATION APEX OFFERS FARMERS A FULLY INTEGRATED BIOLOGICAL SOLUTION.

Featuring high concentrations of microorganism strains in sterile liquid formulations for effortless applications. These are products unique to MBFi; setting the foundation for enhanced plant growth, germination and vigor. This comprehensive offering provides consistent return on investment year-on-year.



BIOSTIMULANT



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TREATS UP TO 30 ACRES



IMPROVES WATER
USE EFFICIENCY



IMPROVES FERTILIZER
USE EFFICIENCY



IMPROVES PLANT
RESISTANCE TO BIOTIC
AND ABIOTIC STRESS



INCREASES NUTRIENT
AVAILABILITY



REDUCES CHANCE
OF DISEASE PRESSURE



An exclusive strain (*Bacillus methylotrophicus*) selected for its fast growth rate and ability to colonize the root zone, in-turn boosting the plants immune response and reducing chance of disease pressure. Produces phytohormones (auxin, gibberellins and cytokinins) that act as growth factors, promoting plant and root architecture.



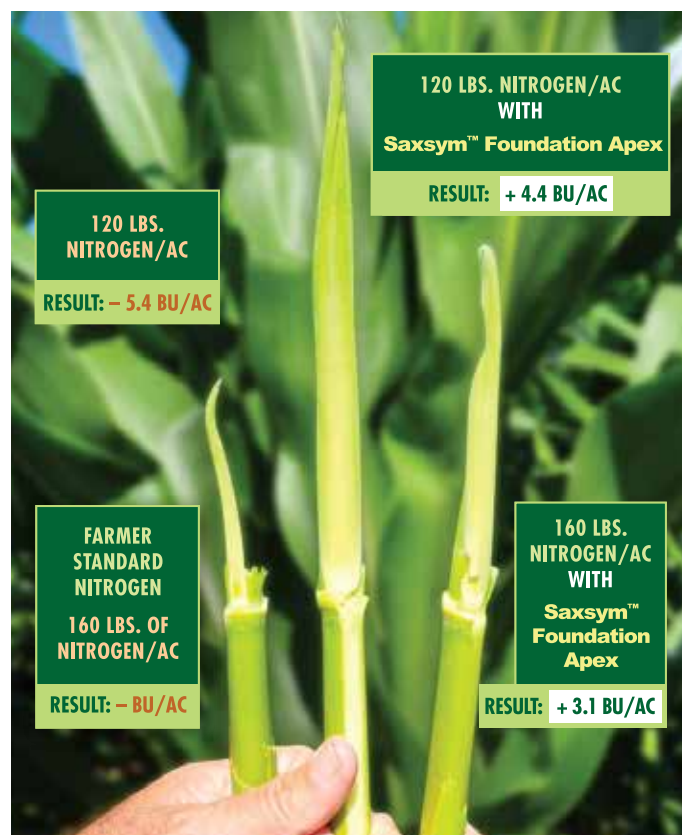
A plant growth promoting bacterium (*Pseudomonas fluorescens*) which helps with solubilizing phosphorus and other essential plant nutrients. Improves water and nutrient use efficacy by mineralizing the organic fraction of the soil and solubilizing the inorganic elements.



Innovative bioactive molecules that improve plant growth by enhancing the signaling functions of microorganisms. Acts as a natural storage compound of beneficial soil bacteria and amplifies the natural microbiome within the soil. Additionally, it protects plants against biotic and abiotic stresses.

YIELD INCREASE

CORN		+9.8 $\frac{\text{BU}}{\text{AC}}$	3.2 : 1 Return on investment
CORN SILAGE		+2.7 $\frac{\text{T}}{\text{AC}}$	13.8 : 1 Return on investment *Note: This trial was conducted with Functional Foliar biostimulant with herbicide application.
CORN SILAGE		+2.0 $\frac{\text{T}}{\text{AC}}$	10 : 1 Return on investment *Note: This trial was conducted with Functional Foliar biostimulant with herbicide application. This trial was run on a 60% N rate.
COTTON		+149.1 $\frac{\text{lbs}}{\text{AC}}$	5.9 : 1 Return on investment
COTTON		+99.5 $\frac{\text{lbs}}{\text{AC}}$	5.3 : 1 Return on investment *Note: This trial was conducted with Functional Foliar biostimulant with herbicide application.
SWEET CORN		+23 $\frac{\text{BU}}{\text{AC}}$	29.4 : 1 Return on investment



▲ Saxsym™ Foundation Apex Technology demonstrating how we can utilize and access Nitrogen more efficiently with its use. Our results reveal that through using Saxsym™ Foundation Apex as well as a reduced rate of UAN we gain an overall increase in yield of 9,8 BU/AC equating to a 3 x Return on Investment.

GREENER FOR LONGER.

SAXSYM™ FOUNDATION APEX EFFECTS ON LATE SEASON NITROGEN USE.

Growers require adequate nutrition until the end of season to achieve optimum yields. Our research has shown that the use of Saxsym™ Foundation Apex can improve nitrogen preservation and improve access to Nitrogen late in the season; a time when disease and weather pressures are unpredictable and could impact on yields. Investing in your crop means improving plant and root architecture, overall soil health and thereby increasing your yields.



▲ Nitrogen study trial illustrating early plant growth promotion. Untreated control (left), treated with MicroPhos™ and Incite® (middle), treated with Saxsym™ Foundation Apex (right).



SAXSYM[™] Foundation Apex

RATE

In-Furrow Application Table (Suggested Rates)

Row Width (Inches)	Recommended application rate (fl. oz per acre)*	Incite [®] , MicroPhos [™] and Technical HC components treat (acres)
20	25.4	20.0
22	23.1	22.0
24	21.1	24.0
30	16.9	30.0
32	15.9	32.0
36	14.1	36.0
38	13.4	38.0
40	12.7	40.0
42	12.1	42.0

* For a known row width, ensure that the equipment is calibrated to deliver the correct application volume of:

0.97 fl. oz Liquid concentrate per 1,000 linear row feet.

CROPS

Corn, Cotton and Sunflower

PACKAGING

1 x 30 Acre case

1 x 203 fl. oz (6 L) Incite[®]+
1 x 203 fl. oz (6 L) MicroPhos[™] +
1 x 101.5 fl. oz (3L) Technical HC

APPLICATION TIMING

In-Furrow

SHELF LIFE

1 Season

STATE AVAILABILITY

IA, IL, IN, KS, MN, MO, ND, NE, OR, SD, WA, WI

COMPATIBILITY:

Compatible with most starter fertilizers and chemical treatments



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Precautionary statements:

Read the label before use. If medical advice is needed, have a product container or label nearby. Wash protective equipment and work clothes thoroughly after handling the product.

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