



NACHURS Humi-flex®

SOIL AND FERTILITY CATALYST



GUARANTEED ANALYSIS:

CONTAINS NON-PLANT FOOD INGREDIENTS

SOIL AMENDING ACTIVE INGREDIENTS

Humic Acid 2%

Derived from lignite.

INERT INGREDIENTS (water) 98%

NACHURS Humi-flex® contains humic acid, which is processed using proprietary technology. Humic acid may enhance micronutrient uptake.

Weight: 8.5 lbs. per gallon

GENERAL PRODUCT INFORMATION:

NACHURS Humi-flex® is a soil and fertility catalyst designed to improve soil health and maximize utilization of nutrients. It can be applied pre-plant thru post-harvest.

Product benefits include*:

- Reduces soil compaction
- Improves overall soil health
- Easy to apply
- Enhances nutrient availability

ADDITIONAL PRODUCT INFORMATION

- Derived from brown coal
- Low-rate application
- Neutral pH
- Can be mixed in the tank with other products
- Safe to use around other plants and animals
- Works by impacting three levels of soil activity (biological, geological, and chemical)
- Works in all soil types
- Promotes root development

*Claims other than "humics may improve micronutrient uptake" are not valid/approved in Illinois."

FIRST AID: Please see SDS sheet for more information, call (800) 622-4877 or visit us online at www.nachurs.com.

KEEP OUT OF REACH OF CHILDREN.

*THESE ARE GENERAL PRODUCT RECOMMENDATIONS. PLEASE CONSULT WITH YOUR AUTHORIZED NACHURS DISTRIBUTOR OR AGRONOMIST FOR SPECIFIC FERTILITY RECOMMENDATIONS. THESE RECOMMENDATIONS ARE BELIEVED TO BE RELIABLE AND SHOULD BE FOLLOWED CAREFULLY. FAILURE TO FOLLOW LABEL DIRECTIONS OR IMPROPER APPLICATION PRACTICES, ALL OF WHICH ARE OUT OF CONTROL OF THE MANUFACTURER OR SELLER, CAN RESULT IN PLANT OR LEAF DAMAGE. CROP INJURY MAY RESULT FROM UNUSUAL WEATHER CONDITIONS, FAILURE TO FOLLOW LABEL DIRECTIONS OR IMPROPER APPLICATION PRACTICES ALL OF WHICH ARE OUT OF CONTROL OF NACHURS.

SELLER WARRANTS THAT THE ABOVE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION AND IS REASONABLY FIT FOR THE PURPOSE ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE (INCLUDING NORMAL WEATHER CONDITIONS). NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT WHEN USED CONTRARY TO THE LABEL INSTRUCTIONS OR UNDER ABNORMAL CONDITIONS (INCLUDING ABNORMAL WEATHER CONDITIONS), AND THE BUYER ASSUMES THE RISK OF ANY SUCH USE. NACHURS STARTER OR FOLIAR APPLICATIONS ARE INTENDED TO SUPPLEMENT EXISTING SOIL FERTILITY PROGRAMS AND WILL NOT BY ITSELF PROVIDE ALL THE NUTRIENTS NORMALLY REQUIRED BY AGRICULTURAL CROPS.

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visit us online: www.nachurs.com

APPLICATION RATES:

CORN

- **Pre-plant:** Apply 2 quarts of NACHURS Humi-flex® per acre with any burn down or pre-plant application. Comment: Unless existing soil conditions warrant, this application can be skipped if you intend to utilize one of the following "At planting" applications.
- **At planting:** Apply 2 quarts of NACHURS Humi-flex® per acre with any starter fertilizer in a 2x2 or existing in-row application.
- **Vegetative growth stages:** Add 1-2 quarts of NACHURS Humi-flex® per acre with any foliar applied nutrient product. Can be incorporated with liquid nitrogen when side dressing.

SOYBEANS

- **Pre-plant:** Apply 2 quarts of NACHURS Humi-flex® per acre with any burn down or pre-plant application. Comment: Unless existing soil conditions warrant, this application can be skipped if you intend to utilize one of the following "At planting" applications.
- **At planting:** Apply 2 quarts of NACHURS Humi-flex® per acre with any starter fertilizer in a 2x2 or existing in-row application.
- **Vegetative growth stages:** Add 1-2 quarts of NACHURS Humi-flex® per acre with any foliar applied nutrient product.

WHEAT

- **Pre-plant:** Apply 2 quarts of NACHURS Humi-flex® per acre with any burn down or pre-plant application. Comment: Unless existing soil conditions warrant, this application can be skipped if you intend to utilize one of the following "At planting" applications.
- **At planting:** If your drill is set up to apply liquid, apply 2 quarts of NACHURS Humi-flex® per acre. If not, and/or broadcasting seed, the pre-plant application of NACHURS Humi-flex® is suggested.
- **With Liquid UAN:** When applying less than 20 gallons of UAN per acre, add 1 quart of NACHURS Humi-flex® per acre. When applying 20 or more gallons of UAN per acre, add 2 quarts of NACHURS Humi-flex® per acre.

OTHER CROPS

NACHURS Humi-flex® can be used on other crops including cotton, peanuts, grass hay, alfalfa, canola, tobacco, commercial produce, and other specialty crops. Application rates and timing are similar to those described for corn, soybeans, or wheat. Consult your NACHURS representative for more information.

MOST-FREQUENT USE OF PRODUCT:

- Applied with pre-plant application for soil conditioning purposes
 - Applied with 2x2 and in-furrow starter programs
 - Added to any liquid nitrogen application for buffering purposes and maximized performance
 - Added to any foliar applied nutrient product for buffering purposes and maximized performance
- Can be applied with most fertility, herbicide, pesticide, and fungicide products
- Can be applied via overhead sprayers and through irrigation systems
- Apply at varying rates depending on purpose or desired result.

FREQUENTLY ASKED QUESTIONS ABOUT HUMICS

What are humics? Humic substances are the major organic constituents of soil (humus), peat, and coal – and include both humic and fulvic acid. Humic substances are produced by the decomposition of organic matter.

How can humics help me increase my yield?

Humics stimulate microbial activity in the soil, reduce compaction, promote seed germination, assist in transferring micronutrients from the soil to the plant, enhance moisture retention, and improve the break down of plant residue.

How do humics increase microbial activity? Humic products increase microbial activity by providing optimum conditions for microbial life and protecting microbes from adverse external conditions.

Do humics increase cation exchange capacity (CEC) in the soil? Humic substances by themselves have a very high CEC. When added to soil, humic substances stimulate soil organic matter production, which is rich in humus. Humus has a high CEC, which raises CEC levels on the soil test.

What results can I expect to see? Soil type and growing conditions will determine the degree of results seen with initial applications, but over time, research has shown the following benefits from application of humic substances: improved soil structure and texture, enhanced root development, reduced crop stress, and higher quality yield (protein levels, sugar content, test weight, etc.).

FOR OVER 70 YEARS, NACHURS® HAS BEEN THE INDUSTRY LEADER IN NPK LIQUID FERTILIZER TECHNOLOGY

