



EDAGUMSM®

PLANT AND SOIL TREATMENT
A Soil Amending Humate & Microbial Activator

**Invigorates the biological processes
of Soil and Plant Life**

Edagum SM enhances soils and plant physiology by improving soil structure and fertility and by influencing nutrient uptake and root architecture.

EDAGUM SM is not only Humic acid/Fulvic acid, but also microbiological activator. Unlike common humic fertilizers, EDAGUM SM is a treatment of the long-term action that influences on the plants from seed germination up to the harvesting. The fertilizer's microflora complex is appropriate for all soil types.

EDAGUM SM acts as a natural micro-biological activator of soil microflora

- substantially increases the number of aggregations of soil microorganisms - ammonifying, amylolytic and denitrifying bacteria, phytohormones and growth stimulants - auxins, cytokinins, gibberellins
- increases respiration of soil microorganisms
- increases the content and availability of nutrients in the soil: ammonia nitrogen, mobile phosphorus and potassium.

EDAGUM SM not only contains a large amount of humic and fulvic acids, but the number of active forms of beneficial microorganisms is sufficiently high. With a low molecular weight, fulvic acids easily penetrate the cell membrane and facilitate the flow of nutrients to plants. So the effect of EDAGUM SM begins immediately after its application: the seed vigor increases, strong root system begins to develop and the increased biological activity continues throughout the plant growth cycle.

NUVIA
TECHNOLOGIES INC.

Inspired by Nature, Driven by Results

PURPOSE

Humic fertilizer reduces water and fertilizer use. Improves fruit set and quality. Activates and stimulates soil microbial activity improving soil tilth and quality. Increase plant growth and yield by supplying the required vital humic substances that is a rich spectrum of plant nutrients including naturally occurring humic acid. EdagumSM[®] improves and rebuilds the health of contaminated, dead or toxic soils.

CONTAINS NON-PLANT FOOD INGREDIENTS AND NOT A FERTILIZER SUPPLEMENT

Available Humic Acid1.47%

Other Ingredients.....98.53%

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

DOSAGE RECOMMENDATION AND DIRECTION OF USE:

Treatments & Crop Species	Application Rate (oz./ac)	Direction of Use
Soil Treatment (For use on depleted or contaminated soils).	27 to 32 oz/ac	Used in 50gal of water and apply as a preplanting soil treatment, 2-3 weeks prior to seeding. For post-harvest soil treatment, apply solution 2-3 weeks after harvest for soil restoration.
Root soak	1 - 6 oz/gal	Soak roots in 1oz/gal solution for 15min Soak cuttings (grapes, apples, etc.) in 5 - 6 oz/gal solution for 24 hours.
Seed soak before seeding	1 oz/gal	Make a solution with enough water to completely emerge seeds in solution for a minimum of 15 hours
Seeding & Transplanting	1 oz/gal	For applying in a drench for in-furrow seed planting in soil. Make a solution with 5gal - 30gal of water/ac. with 5oz - 16oz of EdagumSM.
Foliar Broadcast: Cereal/Grains (rice, cotton, soybean, corn, tomato, sunflower, cucumber, potato, onion, sugarbeet, pea, melon, carrot, eggplant, squash, tobacco).	1 oz/gal	1st Foliar: at 3-8 true leaves/ first vining. 2nd Foliar: heading to flowering, 50% canopy. (14 days after 1st foliar for melon, tomato, cucumber, sunflower). 3rd Foliar: 15 -20days after 2nd foliar.
Foliar Broadcast: Grape, Stone fruit, Apples, Pear, Citrus	0.12 oz to 0.16 oz	1st Foliar: at bud formation in grapes, immediately after inflorescence, stone fruit & citrus. 5-7days after inflorescence, in pears, and apples. 2nd Foliar: beginning of ovary drop and during grape inflorescence. 3rd Foliar: 15days after ovary drop in citrus & stonefruit, and flowering bud formation in apple. 4th Foliar: 30days after ovary drop in citrus & stonefruit, and flowering bud formation in apple.
Root Feeding in Nurseries and Greenhouse (Soak seed and roots, and apply foliar and root feed as prescribed during season)	0.2 oz to 0.28 oz (Root Feed) 0.12 oz to 0.25 oz (Foliar Feed)	Fertilize roots in solution of 20 - 28 oz. in 100 gal water. Foliar over plants with 16-33oz. in 132 gal water, 2 - 3 times during season.
Irrigation (Use same rates as root feeding and foliar applications).	Use Foliar & Root Feeding Rates	Use same rates as prescribed for foliar and root feed. Proper upkeep of equipment and systems should be observed.
Turf and Grasses (Foliar spray and irrigation)	0.5 oz to 1 oz	Apply over growing turf grass and forages 4 times over the season at 5.5oz / 5 gal solution to 11oz / 20gal solution.

EdagumSM, can be diluted or mixed with other compatible nutrients. Confirm tank mix compatibility and crop tolerance before mixing with other products. For more detailed directions for use on this product, contact your representative at NuVia Technologies.

SDS: Please read the product Safety Data Sheet before use.

MANUFACTURED FOR AND GUARANTEED BY:

A Soil Amending Humate & Microbial Activator



Mode of Action:

Humic substances (HS) represent the organic material mainly widespread in nature. EdagumSM has a positive effect on soils and plant physiology by improving soil structure and fertility and by influencing nutrient uptake and root architecture.

CAUTION

It is recommended to check the compatibility of EDAGUMSM and other agrochemicals, which will be applied together by mixing them in small volumes to make sure, that there is no precipitation after mixing.

PRECAUTION

Keep out of reach of children. Do not breathe dusts or mists. Wash thoroughly after handling. Do not eat, drink when using this product.

Product Spillage: In case of spills, sweep or vacuum without creating dust, into a suitable container for disposal and wash area with water.

FIRST AID

SKIN CONTACT: Rinse thoroughly with water.

If irritation persist seek medical attention.

EYE CONTACT: Rinse thoroughly with water.

If irritation persist seek medical attention.

SWALLOWING: Rinse mouth thoroughly with water, salt water if possible. Induce vomiting and seek medical attention.

STORAGE

- Keep container closed when not in use.
- For best temperature control, store product and treated seed at same dry floor surface.
- Use before the expiration date. The expiration date is valid only for unopened packs stored under the recommended conditions above.
- Store product in original packaging under dry conditions, preferable room temperature or colder
- Avoid direct sun- light and excess heat.
- Keep container tightly closed and sealed until ready for use.

Disclaimer: Since the use of this product is beyond our control we will not accept any liability for the misuse or claims otherwise except for quality of the product.



Product Available in:
33.8 oz, 2.5 Gal., 264 Gal.

BATCH NO:

MFG DATE:

EXP DATE:

