

Description

EDAGUMSM is a peat-based humic fertilizer and a natural regulator of plant growth and development. A complex of macro and microelements, needed for plant development; EDAGUMSM contains a range of components like amino acids, carbon acids, vitamins etc., that are available to plants immediately after seed germination. EDAGUMSM can be applied on every soil type, including saline, alkaline and especially low fertile sandy soil, poor in organic matter. EDAGUMSM can be used on all plants and at any growth stage - from pre-planting and seed treatment to after-harvest soil operations. The application of the EDAGUMSM can be combined with common agricultural system and protocols. EDAGUMSM does not require additional expenses for its application, it can be applied either independently or simultaneously with different kind of mineral fertilizers and agrochemicals.

Guaranteed Minimum Analysis

Available Humic Acid.....**1.47%**
Other Ingredients.....**98.53%**

Direction of use

EDAGUMSM can be applied with sprayers or through irrigation systems

Dilution: EDAGUMSM must be diluted in water. (1) Quality of water may depend on the type of equipment used, on temperature at the time of application, on the stage of the plants development etc. (2) The dilution range of EDAGUMSM is 1 liter of EDAGUMSM dissolved in 200 to 2,000L (litre) of water to treat 1 hectare (Ha). (3) Fill tank 75% with clean water and then add EDAGUMSM, fill the tank and mix thoroughly. (4) EDAGUMSM is compatible with other inputs, however, we do recommend a compatibility test before mixing. Create EDAGUMSM working solution before adding other inputs. (5) Make sure that all equipment (sprayers, irrigation) is clean and dry before use. (6) A tank mix with other input may require pH adjustment.

EDAGUMSM Dilution Rates

EDAGUM SM milliliter or ml	200 ml	400 ml	600 ml	800 ml	1,000 ml	Domestic Uses: 5 ml (1teaspoon)
Minimum quantity water	50L	80L	150L	300L	800L	3.7854 litre (1 gallon)
Maximum quantity water	200L	400L	600L	1200L	2,000L	15.1416 litre (4 gallon)

Volumes and frequencies: A total average of 1,000 ml (1 Liters), of EDAGUMSM per hectare (Ha) per season. The average dose of EDAGUMSM per application should be between 200 to 1,000 ml per hectare. EDAGUMSM can be used on all soil types and plants at any growth stage - from pre-planting to post harvest soil operations. Application of EDAGUMSM per season ranges from 1 soil treatment 2-3 weeks before planting and/or 2 to 4 spray applications per growing cycle.

Some (General) suggested application volumes and frequencies:

Commercial growers please contact your dealer or ag rep for specific crop protocol

Crop species	Suggested number of spray applications in a treatment	Suggested frequency:	Working Solution	Total volume of EDAGUM SM per season including soil treatment	
			Per Hectare (ml) EDAGUM SM + water	Soil treatment 2-3 weeks before	Total Per hectare over growing season
Wheat, Barley, Oats, Rye, Rice, Maize, Melon, Eggplant, Carrots	2	2-3 true leaves unfolded, More than 9 leaves	400 ml + 50-300L water	200ml + 50-200L water	1,000ml 1 Liter
Onions, Cotton, Soybean, Sunflower, Tomatoes, Cucumbers, Sugar beet, Potato, Peas,	3	Shoot appearance, 3-5 true leaves More than 9 leaves	400 ml + 50-300L water	200ml + 50-200L water	1,400ml 1.4 Liter
Orchard and Vineyards					
Grapes, Stone Fruits, Apples, Pears, Citrus plants	4	Shoot development, Flowering/budding, Maturing	1,000 ml + 800-1,000L water	400 ml + 50-300L water	4,000 ml 4 Liters

Green House

Fertilizing at the root: Fertilize every hectare at the roots with a solution made from 1,500-2,000ml of EDAGUMSM in 1,000L of water.

Fertilize during growing season: Fertilize 2-3 times with working solution of 500-1,000ml of EDAGUMSM in 500L of water. Use as foliar

Other Treatment

Seed Soak: per 10kg of seeds, immersed for 15 -24hours in 40-80ml of EDAGUMSM in 10L of water. Before planting

Soaking Seedlings: soak roots for 15 minutes in 40-80ml of EDAGUMSM in 10L of water. Before planting

1 Hectare (Ha) = 2.47 Acres (Ac)	1 Quart = 0.946 ml	1 Litre = 1,000 ml	1 fl. oz. = 29.57 ml
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Disclaimer: EDAGUMSM is a humic fertilizer and does not replace current protocols and practices. This document is intended for educational purposes only and does not replace independent professional guidance and recommendations.

Other directions: (1) Treatment should **start at first transplant** or **first (true) leaves** stage and should terminate around 2 weeks before harvest. (2) Spray and root applications should be early or late in the day between a temperature of 9°C to 27°C. in good drying conditions and allowed to dry before night fall.

Safety Precaution

(1) Wash thoroughly after handling. (2) Wash hands before eating. (3) Remove contaminated clothing and wash before reuse. (4) Wear appropriate protective eyeglasses or chemical safety goggles. (5) Wear appropriate protective clothing and gloves to prevent skin exposure. (6) Always use a NIOSH approved respirator when necessary. (7) **Keep away from children.** (8) **Dispose in accordance with federal, provincial and local regulations.**

Storage and Packaging

Storage:(1) If package is opened and resealed CropSIL[®] can be kept for upto 2 years at a temperature between 15°C and 25°C. (2) CropSIL[®] can be kept for upto +5 years in original unopened package at temperature between 15°C and 25°C.

Lot# _____ Mfg. Date _____

Domestic Packaging: 500 ml 1 Liter 5 Liter

Commercial packaging: 20 Litre (NW=5.28kgs) 55 gallon (NW=208kgs) 1 Tote (NW=1,000kgs)

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