

AGN

BLUE

GREEN

**“A BREAKTHROUGH
LIQUID FORMULA”**

 Bio- Fertilizer

AGN “a Breakthrough Liquid Formula” Bio-Fertilizer produced from the fermentation of the naturally-occurring microorganisms and the ability to penetrate through the soil while enriching with micronutrients, microbial cultures and organic materials in a highly concentrated stage. AGN rejuvenates the soil by introducing a large population of beneficial microbes in the rhizosphere micro-biome as a competitive exclusion method to provide the enzymes to break down and convert organic matter into micronutrient uptake. AGN is produced naturally from the fermentation of beneficial saprophytic microorganisms and provides specialized microbial culture, metabolites, and critical micronutrients for plants. The microbial soil amendment provides critical enzymes, metabolites and beneficial microbial biomass that aid in building soil structure, competitive exclusion, water retention, soil chemistry and salt reduction.

There are many complex interacting factors that restrict water penetration and movement throughout the soil. One of the most common is the build-up of excess salts as a result of over fertilization and/or the use of irrigation water that is high in salt content. Over time, if nothing is done, the problem can become so severe that the land will essentially lose all agricultural productivity. There are penetrants in the market that can only provide a lowering of the evaporation rate of water and allow the water to penetrate the soil and reach field capacity more easily. The limitation of the usefulness of a penetrant is a measure of whether the penetrant is stable in high saline concentration and extreme in pH, specifically in basic, hard water conditions.

PRODUCT BENEFITS

- Restores soil biology
- Reduces bacterial diseases
- Breaks down organic matter
- Strengthens the root system
- Helps to soften hard clay soil
- Enhance micronutrients uptake
- Higher crop yield and quality

AGN AND MICRONUTRIENTS

AGN has been developed to provide the soil with the necessary nutrients and microorganisms to ultimately support the plant development. These micronutrients can be chelated and complexes by amino acids making it much more available to the plants. The interaction of these organometallic compounds with the metal ions allows a more efficient transfer of the micronutrients across the cell membrane and allows the plant’s active transport system to be more efficient. Once chelated, the micronutrients are seen as a complex organometallic ion and not a simply metal ion. This allows the plant to more easily transfer the metal ions across the cell wall. Dramatic increases in the uptake of necessary micronutrients are observed when a soil balance has been attaining again resulting in both improved crop quality and yield.



AGN AND THE SOIL

AGN has been developed to address the needs of the complex symbiotic processes that must take place in the soil which contains humic acids and fulvic acids needed for propagation of soil organism, which grow and die, providing amino acids and protein necessary materials for organism to maintain active for proper growth of healthy plants. AGN has proven to provide both improved root growth as well as better tolerance to infestations of nematodes as well as diseases.

Packaging, transport & storage

AGN is available in 500 ml and 1L bottle.

Store dry, frost-free and avoid from direct sunlight.

Keep away from children, food, and feed products.

Protect from freezing, Avoid contamination and spills.

Avoid contact with eyes, skin, and clothing and avoid inhalation.

Wash hands thoroughly before eating or smoking.

APPLICATION INSTRUCTION

Mix with water (Ratio. AGN:WATER 1:40) for a minimum one hour and apply directly to the soil as a pre-plant or post plant treatment or seasonal treatment. Do not mix with any fungicides, pesticide and weedicide.

DRENCHING IRRIGATION OR FERTIGATION

1 to 2 L/acre (applied every 25 to 30 days for better results)

INGREDIENTS

Microbial

Provides enzymes, metabolites & beneficial microbial biomass that aid in building soil structure.

Microbes: PSB (Phosphate Solubilizing Bacteria)

Bacillus amyloliquefaciens 6.85 X 10⁸ cfu/ml

Bacillus megaterium 5.00 X 10⁸ cfu/ml

Humic Acid as a carrier

Provides necessary amino acids and protein to support an active microbial population to support active & healthy plant growth.

Penetrants*

Non Ionic penetrants that facilitate even water movement into the soil both horizontally and vertically while maintaining a very low volatility. (*AGN BLUE)

pH: 5.0- 8.0



WARRANTY

Greenbay sells the product AGN. Carefully follow the instructions on the packaging. We do not guarantee the product's suitability for applications other than originally intended. Greenbay is only obliged to replace any products that do not meet the specifications. Suggestions for use and information on results of the product's use obtained by the producer may be considered reliable. As Greenbay cannot control the conditions of the product's use, the buyer/user is responsible for all results, including any injuries or damage resulting from the use of this product alone or in combination with other products. Keep out of reach of children.

2B, Grant Lane , 3rd Floor, Room No. 304, Kolkata 700012 | India | +91-33-4064 6022
www.greenbaybio.com | support@greenbaybio.com