



Product Catalog

OUR STORY

MYCSA Ag was launched in 2004 to satisfy the growing demand for the natural raw materials and insect repellents that make organic growing possible.

We pride ourselves on delivering materials approved and listed by the Organic Materials Review Institute (OMRI), an international nonprofit organization that determines which input products are allowed for use in organic production and processing.

MYCSA Ag customers include formulators and farmers large and small across the globe who choose our products for their quality and affordable prices as well as for our company's commitment to timely and attentive customer service.

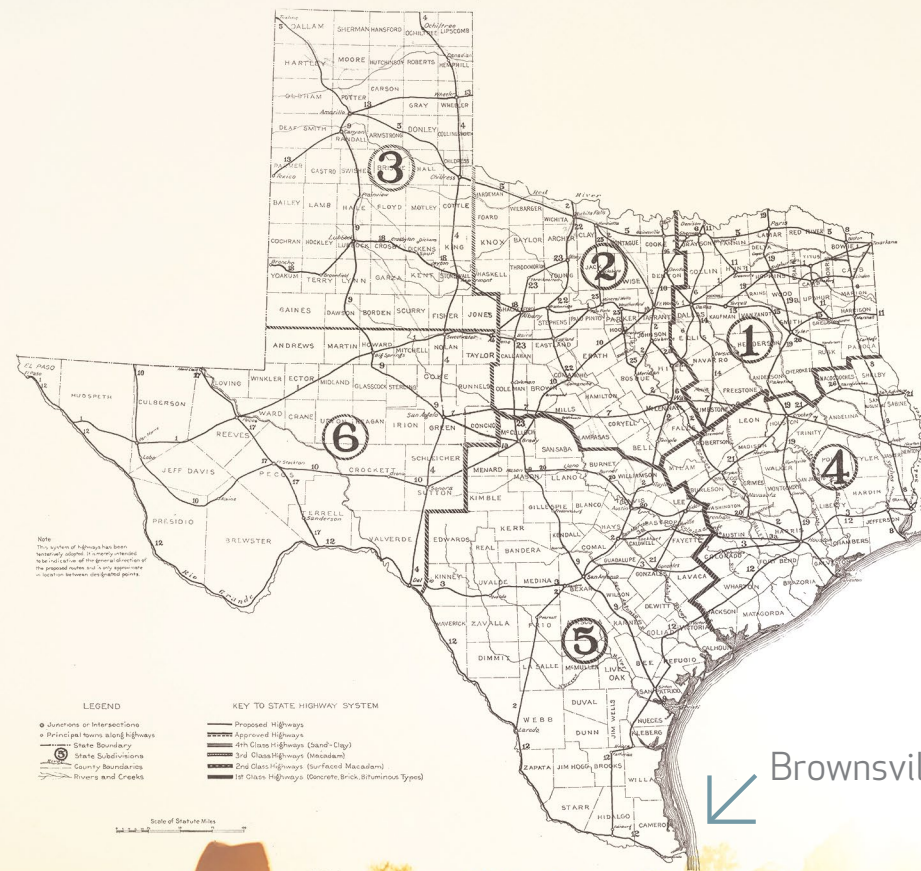
MYCSA Ag is part of Brownsville, TX-based MYCSA Group, a leading global provider of organic bulk fertilizers, raw materials, solutions and other products for organic growers and the organic agriculture industry.



OUR HOME

MYCSA Ag ships quickly and directly anywhere in the world. We can even customize packaging and labeling.

We'll stay in contact with you from the time you order until our product arrives at your door to ensure you're satisfied.



Brownsville, TX.



Amino Acid 80%

Guaranteed Analysis

Total Nitrogen..... 13.62%

Amino Acid 80% is a biofertilizer in powder, produced enzymatically and derived from soy protein, with a guaranteed minimum of 13.62% of plant-available nitrogen.

Amino Acid 80% contains amino acids and short polypeptides readily available for nutrient uptake and absorption. It is highly recommended

for organic agriculture as it is rich in protein hydrolysates, which stimulate carbon and nitrogen metabolism and increase nitrogen assimilation in plants.

It is suitable for application on field crops, potting soil, vegetable and flower gardens, orchards and turf grass.

BENEFITS:

- Improves nitrogen uptake
- Enhances tolerance to biotic and abiotic stress
- Stimulates plant growth
- Can be applied in leaves as foliar fertilizer
- OMRI listed for use in organic agriculture



Packaging: 20 kg sacks/boxes, 1,000 kg/pallets or 500 kg super sacks.



Amino Acid 45%

Guaranteed Analysis
Total Nitrogen 15%

Amino Acid 45% is a water-soluble biofertilizer in powder, derived from soy protein, with a guaranteed minimum of 15% plant-available nitrogen and little to no chloride or sodium. Amino Acid 45% contains amino acids and short polypeptides readily available for nutrient uptake and absorption. It is highly recommended for agriculture as it is rich in protein hydrolysates,

which stimulate carbon and nitrogen metabolism and increase nitrogen assimilation in plants.

It is suitable for application on field crops, potting soil, vegetable and flower gardens, orchards and turf grass.

BENEFITS:

- Improves nitrogen uptake
- Enhances tolerance to biotic and abiotic stress
- Stimulates plant growth
- Can be applied in leaves as foliar fertilizer

Seaweed Extract

Guaranteed Analysis

| | |
|------------------------------------|-----|
| Nitrogen | 1% |
| Potassium (K ₂ O) | 17% |

Seaweed Extract is a plant biostimulant available in soluble powder or flakes. Derived from fresh seaweed (*Ascophyllum nodosum*), Seaweed Extract acts as chelator, improving the plant's mineral nutrient utilization and improving soil structure and aeration, which may stimulate root growth.

The alginic acids and protein found in Seaweed Extract encourage root, stem and foliage growth. It is an excellent stress reducer and preventer ideal for use during transplantation or climate changes (chill or drought). It has been used for millennia, either directly or following composting, as a soil amendment to enhance soil fertility and crop productivity.

BENEFITS:

- Biostimulant, enhancing seed germination and establishment
- Improves plant growth, yield, flowering and fruit production
- Increases resistance to biotic and abiotic stresses
- Improves post-harvest shelf life
- Can be used as a soil amendment to enhance soil fertility and crop productivity



Packaging: 20 kg sacks/boxes, 1,000 kg /pallets or 500 kg super sacks



Humic Acid

Guaranteed Analysis

Humic Acid 94%
Potassium 8%

Humic substances are end products of microbial decomposition and chemical degradation of dead biota in soils.

Considered to be the most abundant naturally occurring organic molecules on earth and the major components of soil organic matter, they are considered plant biostimulants.

Humic Acid is the potassium salt of humic acid also known as potassium humate. It has all the characteristics of humic acids, with the additional benefits of solubility without precipitation or solid separation after dilutions are made.

It has a minimum of 70% humate matter, including fulvic acids which remain in the solution as long as necessary. In soil, humic substances play key roles in many soil and sand plants such as controlling nutrient availability, carbon and oxygen exchange between the soil and the atmosphere, as well as transforming and transporting toxic chemicals.

In addition to increasing overall root growth at early stages of plant development, humic acids have also been found to increase crop yield and/or quality in some studies involving full-season plant growth in greenhouses and fields.

BENEFICIOS:

- Penetrates plant cell membranes and walls
- Resists high-ion water
- Dissolves quickly with, its insoluble matter being less than 1 %
- Increases vitamins and sugar



Packaging: 20 kg sacks/boxes, 1,000 kg /pallets or 500 kg super sacks



Fulvic Acid 90%

Guaranteed Analysis

Nitrogen 0.30%
Potassium 1.25%

Fulvic Acid 90% contains our highest concentration of Fulvic Acid (90%). Fulvic Acid 90% is a plant biostimulant with diverse substances to enhance plant growth.

Fulvic acids are soluble in both alkali and acid media and are low in molecular weight. Given their small molecular size, fulvic acids can pass through the micropores of biological membranes.

Fulvic acids have greater total acidity, greater numbers of carboxyl groups, and higher absorption and cation exchange capacities. Fulvic acids

chelate nutrients such as iron and move them and other micronutrients through membranes.

Humic and fulvic acids can interact with soil nutrients and elicit physiological responses in plants, contributing to plant growth and, in some cases, to better management of abiotic stresses.

BENEFITS:

- Enhances plant immunity for better stress management
- Accelerates the production of nucleic acids
- Enhances photosynthesis and respiration
- Prevents NPK nutrients from leaching
- Increases total cationic exchange and improves aeration
- Fulvic Acid 90% offers a higher concentration than Fulvic Acid



Packaging: 20 kg bags/boxes, 1,000 kg pallets or 500 kg super sacks.



Fulvic Acid 70%

Guaranteed Analysis

Nitrogen 0.30%
Potassium 1.25%

Fulvic Acid is a concentrate derived from plant residues. This high-efficiency, multi-functional fertilizer is ideal to aid plant uptake of micronutrients.

Additionally, it is compatible with most liquid fertilizers, pesticides, herbicides and defoliants. If the desired combination has not been previously used, a compatibility test is highly recommended.

It possesses the same characteristics and benefits of Fulvic Acid 90% with a lower concentration (70%).

BENEFITS:

- Accelerates production of nucleic acids
- Enhances photosynthesis and respiration
- Increases cationic exchange



Packaging: 20 kg bags/boxes, 1,000 kg pallets or 500 kg super sacks.



Super K Fulvate®

Guaranteed Analysis

| | |
|--|-----|
| Total Nitrogen | 3% |
| Phosphate (P ₂ O ₅) | 1% |
| Potassium (K ₂ O) | 10% |

Super K Fulvate is our traditional soluble fulvic acid plus K₂O and microelements.

It is a 100% soluble powder that provides plants all the essential elements while also offering all the advantages of fulvic acid.

Super K Fulvate activates enzymes regulating CO₂ uptake and photosynthesis rate, thereby improving crop yield and quality.

The potassium (K) in Super K Fulvate regulates the opening and closing of stomata, the pores through which leaves exchange carbon dioxide, water, water vapor and oxygen with the atmosphere. Proper functioning of stomata is essential for water and nutrient transport and plant cooling.

BENEFITS:

- Increases root growth and improves drought resistance
- Activates many enzyme systems
- Maintains turgor
- Reduces water loss and wilting
- Produces grains rich in starches
- Helps retard crop diseases



Neem Oil

Guaranteed Analysis

Pure Neem Oil 100%

Neem Oil is a highly pure, cold-extracted oil from organic neem kernels. The oil is extracted through a temperature-controlled process with zero ingredient loss. Neem Oil is very effective against insecticide-resistant pests but does not harm beneficial insects.

Neem Oil has one of the highest contents of Azadirachtin in the market and works by inhibiting the development of immature insects.

BENEFITS:

- Prevents some bacterial diseases
- Has been proven to control more than 200 species of pests by affecting their life cycle
- Controls nematodes without harming beneficial earthworms
- Improves nitrogen availability in soil



Neem Cake

Guaranteed Analysis

Neem Cake 100%

Neem Cake is organically obtained from the cold-crushed residue of the neem seed kernel. This extraction gives Ferti-Neem Cake superb nutrient content specifically in its high azadirachtin content and NPK value. Good for all soils, all crops, all seasons.

It works primarily by increasing the humus content of the soil and is an all-purpose organic soil conditioner, ideal for low organic matter soils and significant reducer of chemical fertilizer demand. Its natural repelling properties and NPK value plus nutrient content make it an ideal 2 in 1.

BENEFITS:

- Increases resistance to pathogens
- Enriches soil nutrients and aerates
- Induces growth of beneficial flora
- Slows down the process of nitrogenous compounds like ammonia

Karanja Oil

Guaranteed Analysis

Karanja Contents 20,000ppm

Native to India, **Karanja Oil** is cold-pressed and double-filtered from the seeds of the Pongam Tree, also known as the Karanja Tree (*Pongamia glabra*).

Karanja Oil has similar insecticidal properties to Neem Oil and acts against a number of insects and other pests.

With a mild and versatile aroma, it acts as an acaricide and insecticide. Karanja Oil also has nitrification inhibitory properties.

Karanja Oil contains natural plant growth-stimulating ingredients, primarily axins, improving soil texture and promoting vegetative growth, plant health and fruit yields.

BENEFITS:

- Ideal for soil-based insect control
- Prevents fungus and help plants recover from it
- Prevents some bacterial diseases
- Lasts longer on plants than chemical insecticides
- Ideal replacement for Neem Oil in areas where Azadirachtin is not allowed
- Can be mixed in equal parts with Neem Oil to widen insect control

Cedar Gard™

Guaranteed Analysis

| | |
|------------------------------|-----|
| Cedar Oil | 16% |
| Ethyl, Lactate & Water | 84% |

The main ingredient in **Cedar Gard™** is cedar oil. Cedar Gard works on pheromone-driven insects by disrupting their octopamine neuroreceptors, thereby stifling their ability to detect food and mates and reproduce.

It may be used as a pest lure, repellent, as part of a trap or for disease control.

BENEFITS:

- Disrupts the egg cycles of non-beneficial insects
- Strengthens barriers for re-entry
- Is compatible with most fertilizers





Ultrafine Mycorrhizae

Guaranteed Analysis

Glomus intraradices, G. mosseae, G. aggregatum,
G. etunicatum: 130,000 propagules/lb

The agricultural use of microbial inoculants, also known as biofertilizers, has increased dramatically. Biofertilizers contain living microorganisms that, when applied to seeds, plant surfaces or soils, promote growth by increasing nutrient supply, root biomass, root area and nutrient uptake, acting as a complement to mineral fertilizers.

Ultrafine Mycorrhizae is a mycorrhizal inoculum powder comprising four scientifically formulated endomycorrhizal fungi propagules (Glomus intraradices, Glomus mosseae, Glomus aggregatum, and Glomus etunicatum). It is a wettable powder with a particle size under 300 microns, ideal for “water in” or “spray” applications.

BENEFITS:

- Increases resistance to pathogens
- Enriches soil nutrients and aerates
- Induces growth of beneficial flora
- Slows down the process of nitrogenous compounds like ammonia





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