






## Agrinos High Yield Technology (HYT<sup>®</sup>) Platform & Product Lines

### Summary

Agrinos' proprietary High Yield Technology (HYT<sup>®</sup>) platform has pioneered the development of both microbial and biostimulant crop input products. Agrinos' products have been proven to drive consistent yields and quality improvements. Products developed through the HYT platform are registered for commercial agricultural sales in over 20 countries and currently sold in the U.S., Brazil, India, China, Indonesia, Malaysia, Mexico and Spain.

Microbial Platform	Biostimulant & Nutrition Platform	
		
<ul style="list-style-type: none"><li>Creates a highly productive microbial system in the soil</li><li>Promotes absorption of nitrogen and critical minerals to increase the level of bioavailable nutrients to the crop root system</li></ul>	<ul style="list-style-type: none"><li>A unique nutrient solution that increases the activity of multiple critical metabolic plant pathways</li><li>Contains carbon, nitrogen, true protein, amino acids and essential metabolic micronutrients</li></ul>	<ul style="list-style-type: none"><li>A fertility solution that increases crop productivity and supports soil health</li><li>Contains organic, biologically-extracted micronized chitin, amino acids and other crucial plant nutrients</li></ul>
<b>Benefits</b>	<b>Benefits</b>	<b>Benefits</b>
<ul style="list-style-type: none"><li>Stimulates root biomass formation resulting in a more vigorous root system</li><li>Enhances crop quality and fertility under both favorable and stressful growth conditions</li></ul>	<ul style="list-style-type: none"><li>Provides a source of time-released nitrogen that is highly bioavailable and complements applied nitrogen</li><li>Enhances crop tolerance to environmental and physiological stresses</li></ul>	<ul style="list-style-type: none"><li>Improves root structure to support plant growth and productivity</li><li>Strengthens plant function to increase tolerance to environmental stresses</li><li>Enhances soil health to support plant well-being</li></ul>

## Agrinos' Microbial Platform

The microbial product platform, which includes HYT A and VAMAX products, are produced by a fermentation process utilizing either a consortium of microbes or fungi that help promote a highly productive microbial system in the soil.

**HYT A** products delivers soil-applied proprietary solutions that promote highly productive microbial systems in the soil to support plant health, quality and yield. HYT A products improve fertilizer efficiency and create an enhanced crop nutritional environment. When applied to the soil, HYT A products interact with the plant root system to increase the productive capacity of both the soil and the plant by freeing up nutrients bound to soil particles and crop residue, promoting root growth for enhanced nutrient uptake and fostering the growth of a healthy soil microbiome. HYT A products have been shown to be effective on a wide range of crops, resulting in higher yields and improved crop quality.

The following is a list of Agrinos' HYT A microbial product brands and the countries in which they are sold.

- **iNvigate**<sup>®</sup> – U.S.A.
- **VitaComplex**<sup>®</sup> – Brazil
- **HYT**<sup>®</sup> **A** – Spain, Southeast Asia and U.S.A.
- **Amplus**<sup>®</sup> – India, marketed by Rallis India Ltd.
- **Arito**<sup>®</sup> – India, marketed by DCM Shriram, Ltd.
- **Sukuna**<sup>®</sup> – India, marketed by DCM Shriram, Ltd.
- **NGage** – U.S.A., marketed by Security Seeds
- **WoYiDuo-1** – China

## Agrinos' Biostimulant Platform

The biostimulant product platform, which includes HYT B and HYT C, delivers complex nutrient solutions which support and promote healthy plant function across a variety of crops and growing conditions.

**HYT B** products are unique nutrient solutions that increase the activity of multiple critical metabolic and photosynthetic pathways in the crop. The nutrients found in HYT B— including carbon, nitrogen, true protein, free amino acids and other micronutrients—are essential to plant development and are known to boost plant metabolism, stimulate root growth, and support plant health and plant vigor during critical growth stages. HYT B products also provide a source of nitrogen that is highly bioavailable and complements inorganic nitrogen. Use of HYT B improves a plant's capacity to resist stressful growing conditions, such as drought and excessive heat or cold, to support improved yields.

The following is a list of Agrinos' HYT B solution product brands and the countries in which they are sold.

- **B Sure®** – U.S.A.
- **AminoVita®** – Brazil
- **HYT® B** – Southeast Asia, Spain, and U.S.A.
- **Amplus Active®** – India, marketed by Rallis India, Ltd.
- **Chemfree®** – India, marketed by Zuari Agri Sciences, Ltd.
- **Sampsa®** – India, marketed by DCM Shriram, Ltd
- **Red Zone** – U.S.A., marketed by Security Seeds
- **WoYiDuo-2** – China

**HYT C** products contain organic, biologically extracted chitin, amino acids and other essential nutrients which support crop productivity and soil health. When applied to the soil, HYT C solutions promote a more robust soil microbial environment and interact with the plant to increase crop productivity through faster field establishment and higher nutrient uptake. Enhanced plant and soil nutrition results in improved root structure and strengthened plant abiotic stress-response function and enhanced soil health.

The following is a list of Agrinos' HYT C product brands and the countries in which they are sold.

- **Agrinos 5-0-0** – U.S.A.
- **MaisRaiz®** – Brazil
- **HYT® C** – Southeast Asia and U.S.A.
- **Cronos®** – India, marketed by DCM Shriram, Ltd.
- **NIPiT®** – India, marketed by Nagarjuna Agrichem, Ltd.

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