

Squid Hydrolysate (Squid Juice)

Squid Juice sustainably sourced from calamari processing, is an all- purpose liquid fertilizer that can be used in organic or traditional farming. It can be applied as a foliar or directly into soil, generally about .5-2 gallons per application. The product is screened through a 149-micron screen for use in drip irrigation.



What is in it?

2-2-2 NPK and essential micronutrients, amino acids, fats, lipids, proteins, microbes, while also providing a unique (beta) form of chitin that is different and more bio-relevant than any other chitin-based products.

Soil Health

- Promotes beneficial soil fungi/ microbes
- Increased nutrient retention/ availability
- Promotes soil microbial growth/ beneficial plant-microbe interactions
- Improved soil structure and quality
- Promotes chelation
- Boots soil nutrition, health, and crop yield

Crop

- Increased plant growth and defence
- Anti-fungal and pest deterrent properties
- Promotes vegetative growth, overall yield, and vigor
- Increase crop quality (brix, color, flavinoids and terpenes)
- Increases plant stress tolerance



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916-284-9706

www.sgs-ag.com

Squid Juice is also Organic Listed with OMRI and CDFA-Organic



SQUID JUICE



What is Chitin?

Chitin naturally occurs in insect and crustacean shells as well as fungal cell walls. Scientific studies have shown that chitin promotes plant growth and defense. The Chitin molecule exists in 2 different structural forms in nature, Alpha (the most common - found in insects and crustaceans) and Beta (found only in squid). Chitin is a very durable molecule used in nature as a structural building block. Specific enzymes(chitinases) or chemical reactions (deacetalization) are required to breakdown this molecule. As the Chitin molecule breaks down into forms of Chitosan, it forms a number of different molecules that are bio-relevant to the plant. The Beta form of Chitin, which is unique to our squid-based Chitin source, breaks down to a higher number and concentration of these plant bio-relevant compounds. This makes the Beta form of Chitin much more useful and efficacious - up to thousands of times more. This also makes the Beta form of Chitin much more water soluble than the more commonly marketed alpha-based Chitin products. This means our product is easier to handle, mix and apply than alpha chitin products. We have developed a natural fermentation process to harness the power of β -chitin, in a unique formulation of micro and macro nutrients, specifically designed to increase plant growth, yield, and vigor.



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