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Organically-Approved Input Information Sheet

Liquid Fish Fertilizer

Source:

Advanced Marine Technologies (Organic Gem™)

Analysis:

- 2.9–3.5–0.3
- Over 40 trace minerals and 17 amino acids

Product Notes:

- 8.6 lbs/US gallon (1.02kg/L) density
- Mix well before use
- Shelf stable for 5 years in its concentrated form, but starts to ferment quickly when diluted
- Enzymatically-digested, cold-processed whole fish hydrolysate from wild-caught ocean fish
- High oil content and un-denatured fish proteins create food for both soil bacteria and fungi
- Triple-filtered to avoid clogging issues – safe for drip irrigation systems

Uses:

- Supplies nutrients but more importantly feeds and stimulates soil microbial activity
- Very good option for liquid starter and foliar applications
- Can also be applied through irrigation systems (including drip)
- Reported to increase stress and pest/disease resistance, reduce nutrient leaching, improve soil structure, increase grass seed germination via breakdown of the seed hull

Application Rates:

- Foliar: apply 3-6 gallons per acre per application (up to 3 applications per season); spray after sunset or in the coolest part of the day
- Soil: side-dress 2-5 gal/ac at seeding
- Dilute from 1:15 to 1:50 with water (less for soil application, more for foliar)

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- Transplants: use a solution of 4 oz. liquid fish to 1 gallon of water as root dip or for watering
- Corn: side-dress at seeding, foliar application 30 days post-emerge and again before crop is too tall to access (higher applications rates recommended)
- Wheat: apply with seed, foliar at tillering and flag leaf
- Soybeans: banded with seed; foliar pre-bloom
- More crop-specific recommendations are available on request

Comments:

- Research indicates that the bio-stimulant properties result in crop response similar to nitrogen application rates 3 to 5 times higher
- Experience in Ontario and Western Canada has shown a strong synergistic effect with EcoTea™ HDI products – the two can be mixed and applied together (see trial results)
- Approved for organic use by Eco-Cert

EcoTea™ 2018 Trial Results

CROP	TREATMENT	YIELD (BU/AC)	% DIFFERENCE
Organic Soft White Wheat	EcoTea	61.36	35%
	EcoTea/Fish	70	54%
	Control	45.57	–

Application Rates: EcoTea = 2 gal/ac; Liquid Fish = 4.8 gal/ac

Application Timing: Flag Leaf (early June)

Contact Us

Thompsons has staff trained to meet the needs of organic farmers at locations across Ontario.

Please contact your nearest branch to learn more!

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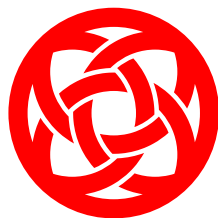
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