



A Special Presentation for

**GRAPE GROWERS &
VINEYARDS**

Advanced Marine Technologies



Advanced Marine Technologies Presents Organic Gem[®]

□ Fish fertilizer is not a new idea.

- ❖ It has been around for centuries. Native Americans first taught the English settlers how to grow healthier and more bountiful crops by placing fish under a catch of corn. Combining the Native Americans' wisdom with today's technology has resulted in Advanced Marine Technologies developing an organic soil enhancer that is second to none.

□ Organic Gem[®]...

- ❖ Is an all-natural liquid fish fertilizer manufactured by Advanced Marine Technologies.
- ❖ Is a high quality organic product that gives excellent plant growth, rebuilds soil, and offers higher production yields.
- ❖ Uses a unique enzymatic cold process that produces a hyper-active bio-stimulant different from anything else on the market today.
- ❖ Is made from an aquatic renewable raw material source that is both fresh and low in heavy metals.





Benefits Of Organic Gem[®] For Grape Growers

□ Organic Gem[®] Liquid Fish Fertilizer provides *superior...*

✓ Plant health

- Organic Gem gives long lasting results with improvements in plant color, growth and overall health, as well as higher bricks of sugar for grapes.

✓ Soil health

- Soil qualities are improved for deeper rooting and better penetration of water and nutrients.

Unproductive soil is easily rebuilt and replenished.

✓ Microbial activity

- Our controlled cold enzyme process promotes the growth of bacteria and other organisms as well as providing supplementary macro and micro nutrients.

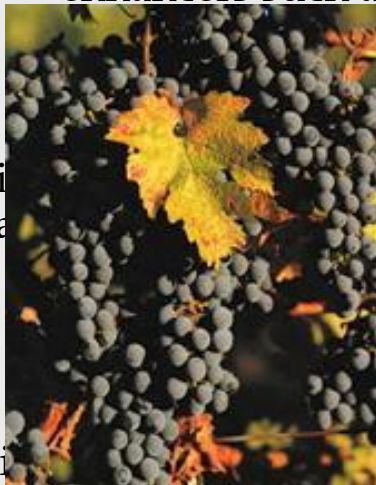




Benefits Of Organic Gem[®] For Grape Growers (Continued)

Organic Gem[®] ...

- ✓ Can be soil applied, foliar applied, or applied via a drip system
 - Can be applied universally depending on your needs. Heavy applications of Organic Gem will not burn roots or leaves because of the slow release of nutrients.
- ✓ Will not clog
 - Because of our strict filtering process and the low oil content of our product, there is never a problem with drip line clogging or mixing Organic Gem with soil enhancers such as potash.



- Testimonials from growers in Massachusetts has shown that one can decrease applications by 25 – 50% using Organic Gem.
- Our processing takes significantly less time than our competitors, less than other brands processing costs, which we pass on to you, the customer.



Organic Gem[®] Fish Fertilizer Is A Superior Choice

A better product because...

- We only use **fresh fish**.
- Organic Gem is a byproduct of pharmaceutical and nutraceutical processing which extracts fish cartilage for drug use and dietary supplements.
- Created from an aquatic renewable raw material source, in contrast to the non-renewable petrochemical products being used so extensively today.
- Enzymatic cold processed for better digestion in FDA Approved facilities.

Organic Gem's Product Superiority is Built on Three Pillars...



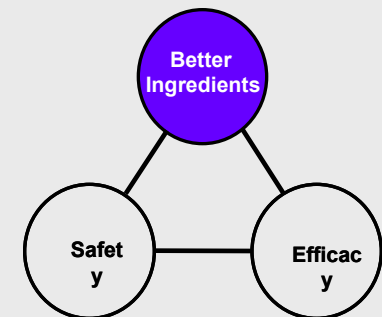
Better Ingredients Make A Better Fertilizer

Organic Gem® ...

- Is the only fish based fertilizer that is a byproduct of pharmaceutical and dietary supplement processing – competitors' products are digested using either extreme heat or acid which denature the proteins in the fish.
- Contains proteins that remain in their natural state (strands), while those processed with acid or heat are left knotted and unavailable to the plant.
- Starts with material that is free from decomposition and processed daily using sanitary methods, resulting in low odor.

Our Ingredients...

- Use only deep water, bottom-feeding fish that contain up to 70 trace minerals. These minerals are re-introduced into the soil.
- Utilize resident enzymes in the fish in conjunction with a proprietary enzyme formula.
- Create a unique composting effect as the enzymes break down the nutrients locked in the soil – the way Nature intended it.





Organic Gem[®] Is Organic And Safe

Organic Gem[®] is OMRI listed

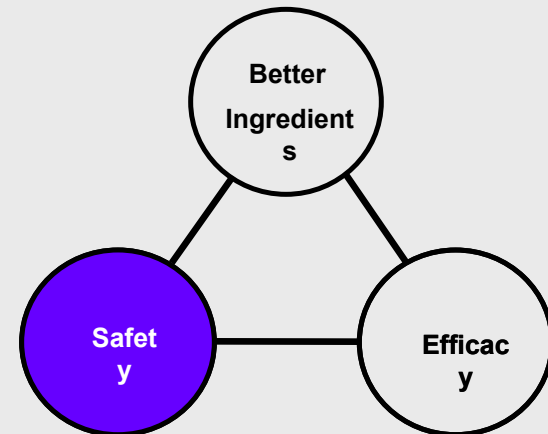


Necessary oils and collagens are not removed during processing

- Tremendous non-leeching capabilities as fertilizer stays locked up in the soil and hangs onto the root system.
- Time-release effect that aids in composting ability
- Peace of mind that local water supplies are not being compromised

Organic Gem[®] is safe and long lasting

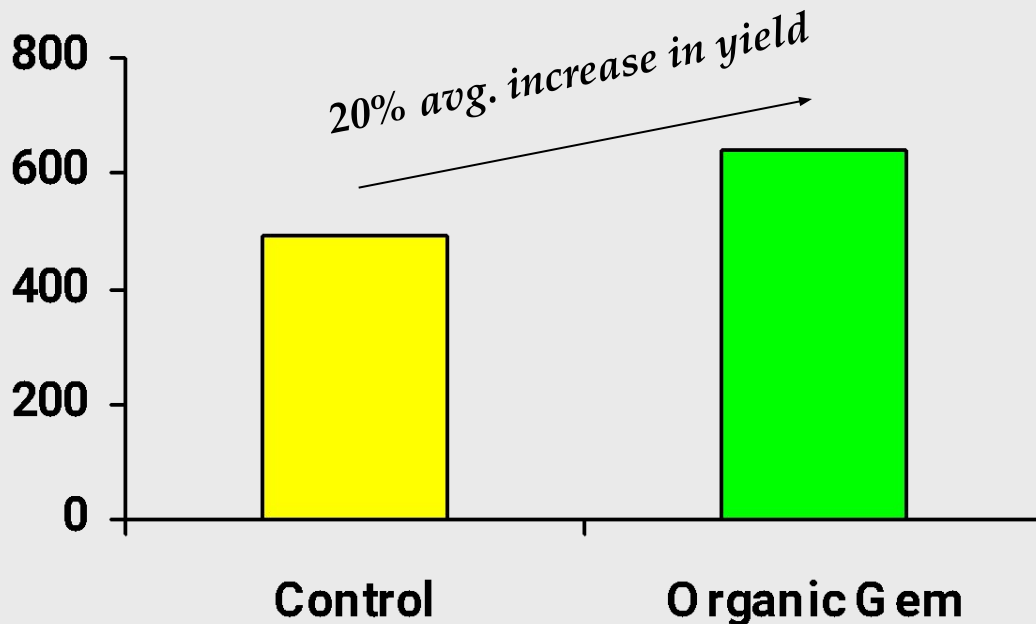
- Can be applied with no worries to human health
- Shelf life of 2+ years
- Not affected by heat or cold
- Manufactured under strict FDA guidelines





Organic Gem[®] Provides Results

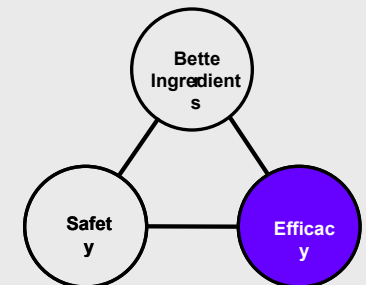
Grape Field Trial - 2000



Results calculated on tests of various vineyards in the U.S.

□ The Bottom Line

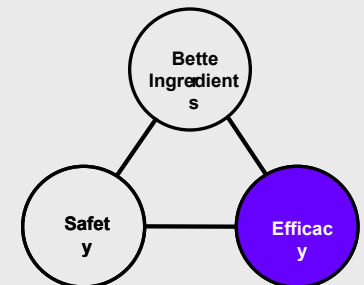
- ❖ With Organic Gem[®] your yields will increase significantly, avg. of 20%.
- ❖ Reduces the need for other treatments, resulting in lower overall costs.
- ❖ Better quality grapes with higher bricks of sugar.





Organic Gem[®] Produces Tremendous Growth

- Vineyards Treated with Organic Gem[®] Show Significant Increases in Yield.





Organic Gem[®] Is Easy And Economical To Use

□ Application Rates for Grapes:

- ✓ Fall ground application of 10 gallons/acre.
 - ❖ Assumes the soil has not been treated with Organic Gem in the past. If the soil has been treated, then a Fall ground application of 5 gallons/acre would be sufficient.
- ✓ Spring application of 5 gallons/acre.
- ✓ Mid season application of 5 gallons/acre.
- ✓ After harvest application of 5 gallons/acre.
 - ❖ Organic Gem is so effective that subsequent Fall treatments ~~require only 5 gallons/acre.~~
A ~~we~~ require only 5 gallons/acre. Organic Gem's N-P-K is 3-3-.3. Do not be deceived by this. In studies at the University of Massachusetts, our product outperformed standard 10-10-.10 products. UMass has demonstrated that 80% of the nitrogen in standard fertilizers either gasses or leeches off – our material does neither due to the oils and collagens in the product which help lock it into the soil. That fact alone gives Organic Gem an **equivalent nitrogen level of 15.**

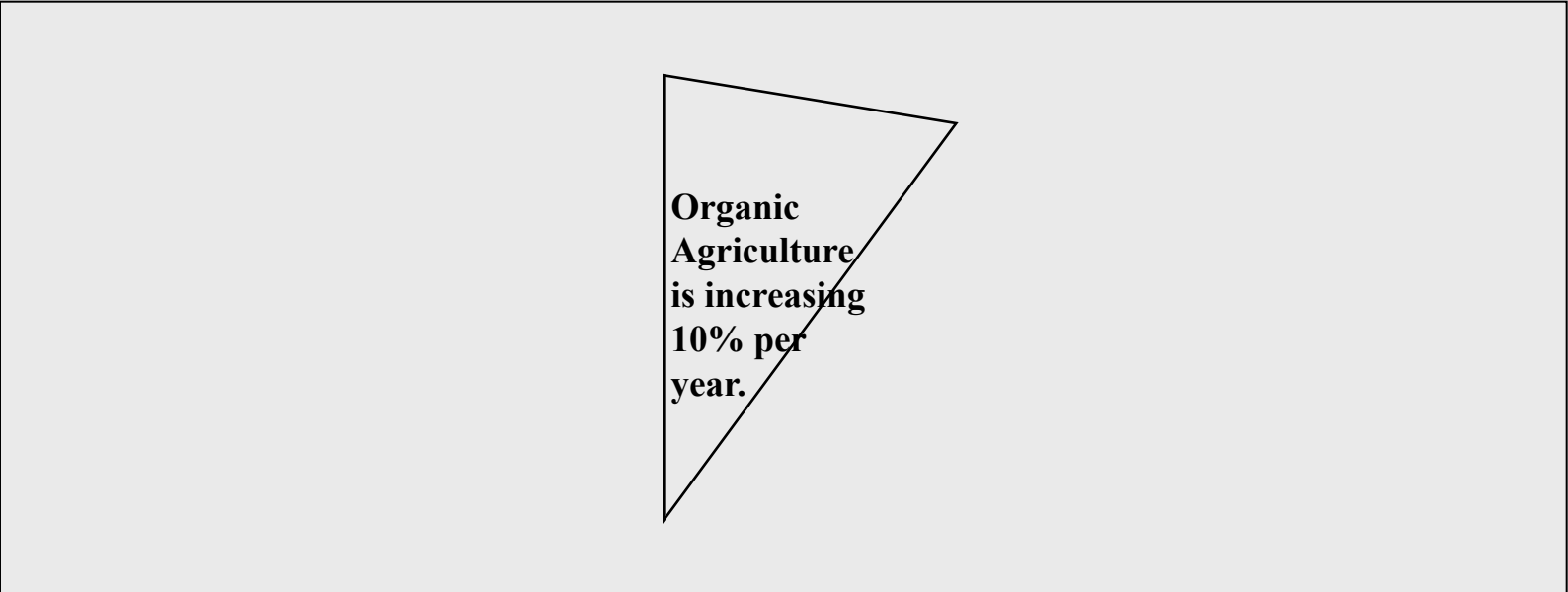


Some Facts To Consider About In-organic Fertilizers

Society is realizing the environmental harm of in-organic fertilizers...

- ❑ In US farming areas, 22 percent of wells contain nitrate levels that exceed federal safety standards.
- ❑ The tripling of grain production over the past 50 years has been accompanied by a 20-fold increase in nitrogen fertilizer use.
- ❑ Every 28 years, 1 inch of topsoil is lost as a result of current farming practices – organic biointensive farming can produce 6 inches of topsoil in as little as 50 years – 60 times faster than the rate in nature.

Source: www.ecochem.com



**Organic
Agriculture
is increasing
10% per
year.**



Notable Quality-Conscious Growers Rely On Organic Gem®

Select Customers

Grapes



Cranberries





Order Your Organic Gem[®] Today!

□ Available in 5 sizes

- 1 gallon
- 5 gallon
- 55 gallon
- 275 gallon IBC
- 4500 gallon Tanker
(not shown)





Contacting Us Is Easy...

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please call or email us:*

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Call Us... We're Ready To Assist You

Producers of Organic Gem®



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