

Vital Earth Resources

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2000 Crop Results

Vitazyme on Wheat (Winter)

Farmer: Mike Iller

Location: Twin Falls, Idaho

Variety: Stevens soft white winter wheat

Planting date: October 9, 1999

Experimental design: A wheat field of 40 acres was divided into two 20-acre portions having similar soils. One part was treated with Vitazyme and the other part was left untreated for a control. All fertility and management practices were the same for each portion.

1. Control

2. Vitazyme

Fertilization: 10 tons/acre manure, 31 lb/acre N, and 39 lb/acre P₂O₅, the fall of 1999; 46 lb/acre N the spring of 2000

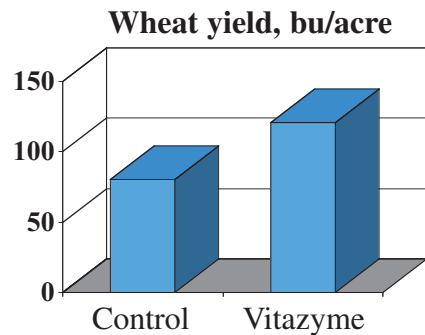
Vitazyme application: 26 oz/acre on the leaves and soil along with 1 pint/acre of 0-30-0

Harvest date: August 29, 2000

Yield results:

	Control	Vitazyme	Change
	-----bu/acre-----		
Grain yield	80.47	120.71	40.24 (+50%)

Yield increase: 50%



Income results: A price of \$1.80/bu is estimated

	Control	Vitazyme	Change
	-----\$/acre-----		
Gross income	144.85	217.28	(+) 72.43

**Income increase:
\$72.43/acre**

Conclusions: One application that was twice as concentrated as recommended boosted wheat yield in this Idaho study by 50%. This increase amounted to an excellent income enhancement of \$72.43/acre.