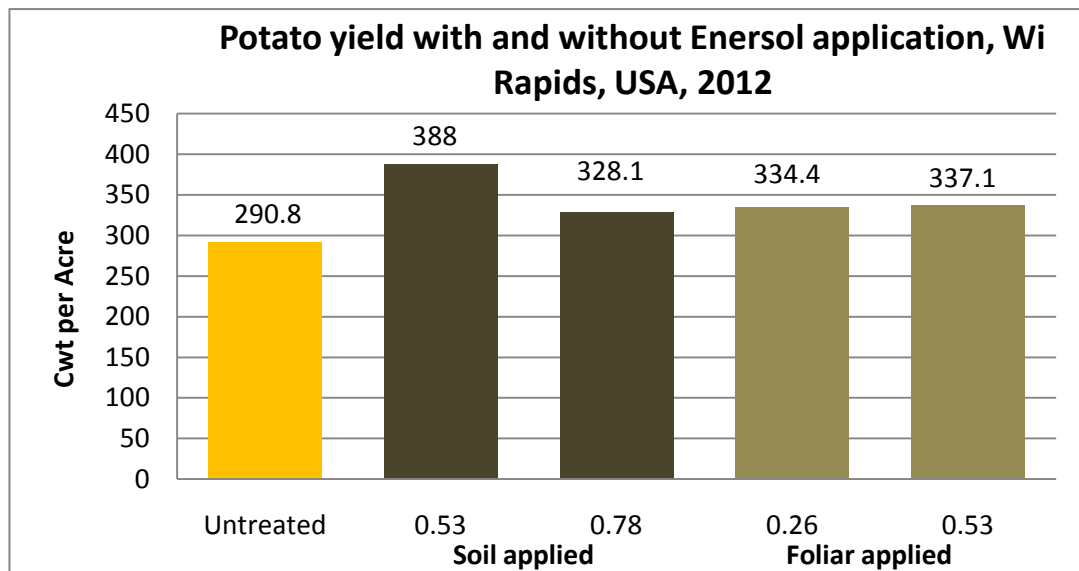# Enersol Field Trial Report on Potatoes

Conducted by Jim Hanson, Wisconsin Rapids, Wisconsin, 2012

Summary – Potatoes treated with Enersol yielded 12.8 to 33.7% more potatoes than similarly grown potatoes in a research trial.

Method – This research trial was established in a potato production field. 'Norkotah' potatoes were planted April 28, 2012 and grown following all standard grower practices. Enersol was broadcast applied to potatoes in two ways, 1) sprayed on the soil at planting or 2) sprayed on the potato plants when they were 8 to 12 inches tall. The Enersol rate was 0.56 to 0.78 gallons/acre soil applied and 0.26 to 0.53 gallons/acre foliar applied. Potatoes were harvested Sept. 7, 2012 when mature and yield was measured and is expressed in cwt (hundred weight) per acre. The soil in this trial was a 'Meehan' loamy sand, and water was provided by irrigation.

Potato yield with and without Enersol application, Wi Rapids, USA, 2012

Untreated	0.53	0.78	0.26	0.53
290.8	388	328.1	334.4	337.1
	Soil applied		**Foliar applied**	

Cwt per Acre (y-axis: 0 to 450)

Discussion – Enersol is a leonardite soil amendment containing humic and fulvic acids that can be used to increase plant health and vigor. It often improves nutrient uptake into the plant and may help plants grow larger, healthier, and more efficiently. In this trial, potatoes treated with Enersol yielded from 37.2 to 97.2 cwt more per acre. The value of potatoes averages about $8.00 USD per cwt which would be worth **$297.76 to $777.50 per acre** more income to the farmer for using Enersol. These yields are typical and average for potatoes grown in this area of Wisconsin. (Cwt = hundred weight in lbs)

Enersol is easily applied alone or with other products. It can be applied sprayed onto the soil, via irrigation, or as foliar sprays.

These results are typical results. Your results may vary due to your soil types, environment, and your growing practices.