



## **Higher Yield, Higher Nutrition & Healthier More Productive Cows**

**Is it really possible to reduce fertilizer rates, yet increase yields with higher nutritional value of feed materials?**

It may seem like a grower's dream, but the data is unmistakable in these field tests. Protein reading in alfalfa, corn silage and wheat increased 9%, 18% and 28% respectively over their control fields according to samples sent to AMD Laboratories when the crops were chopped. The RFV (Relative feed value) increased 11%, 4% and 10% with the digestible nutrients increasing 39%, 3% and 3% respectively. According to the nutritionist for the feedlots, this equates to a 10% savings in feed volume to increase and maintain weight in cattle. This is compared to the food values for the check fields.

### **What Material and Methods Proved to Make the Ultimate Difference?**

It is well known that the weakest link in our agricultural education deals with the soil itself. Understanding soil functions in relation to biological, chemical and physical interactions substantially enhance growth and nutrition. Using the right products to stimulate soil microbiology and reduce toxicity creates a more prime condition for plant health and growth. With good conditions, fertilizer rates can be decreased without harming yields.

Growers in this test were using full fields from 60-120 acres. Standard programs were used on both the test and control fields. The tested product on the numerous fields was Grower's Source **OVERHAUL™** a biological stimulant and soil detoxifier. The product was applied at one quart per acre using available methods (ground rig, pivot, or aerial application) depending on the grower and how they chose to combine it in their normal program.

Application timing was the choice of the grower to fit their particular schedule and was done at one of the following: Pre-plant, first application of herbicide, first watering, or with their pre-emergent, thus showing the versatility of the product. During the growing season, differences were noticeable in plant vigor, higher vegetation mass and increased root system in the plants of the treated fields. Samples were taken at harvest for each set of fields and sent to AMD laboratories for standard analysis for feed nutritional values.

The data clearly shows that **OVERHAUL™** was worth the price in food value alone. On top of this, growers cut input cost by reducing Nitrogen fertilizer by up to 30%

per acre. Some growers went from 300lbs. per acre down to 200lbs. per acre. In all field tests, there was a yield increase above the checks. The bottom line is lower cost and increased yields with higher food value translating into higher profits for all. With this formula for success, I would suggest you use **OVERHAUL™** on your next crop. It will help your cows' health, productivity and reduce input costs with higher yields and profit.

### **Materials & Methods**

**Alfalfa:** 100 lbs. Of 12-0-0-26s, 4 lbs of Zn and 32 oz. of **Grower's Source OVERHAUL™** per acre before green up in the spring. After the third cutting, 100 lbs. of 12-0-0-26s was applied. **Corn silage:** 200 lbs 21-0-0-24s, 100 lbs 46-0-0, 4 lbs Zn, and 32 oz. **Grower's Source OVERHAUL™** per acre. 100lbs 28-0-0-5s per acre 4 to 5 times before tassel.

**Wheat:** 200 lbs 21-0-0-24s, 2 lbs Zn, and 32 oz. of **Grower's Source OVERHAUL™** per acre at fall planting. In early spring 200 lbs of 21-0-0-24s, 100 lbs of 46-0-0, 2 lbs of Zn and 16 oz of **Grower's Source OVERHAUL™** and 6 oz of **Grower's Source REVAMP™** were applied. The **OVERHAUL™** and **REVAMP™** is applied in the spring, if it was overlooked in the fall.

**\*Samples were sent to ADM Laboratories for analysis.**

### **Product Info**

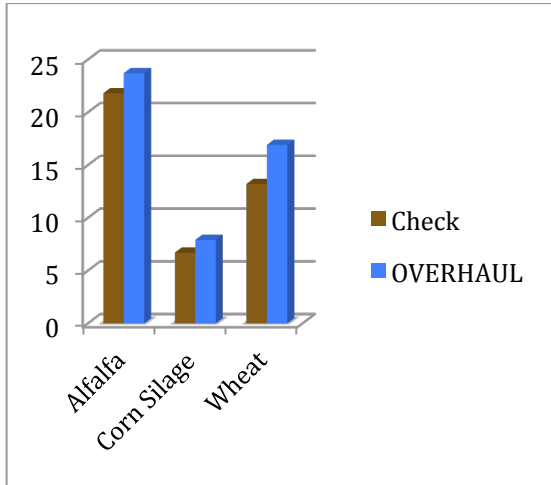
**OVERHAUL™:** Stimulates beneficial bacteria, fungi and microorganisms, which will unlock nutrients that have been tied up in your soil. **OVERHAUL™** is a soil detoxifier that will dramatically remediate sodium levels, and make potassium (90%) more available and phosphorus (48%) more available. Increase nitrogen efficiency by up to 1/3. Increase biological activity, help break up compacted layers, increase the development of the plant above and below the surface. The surfactant load in **OVERHAUL™** also replaces your normal surfactant when spraying with other chemicals!

**REVAMP™:** Just a few ounces of **REVAMP™** can trigger immense activity in the micro flora and fauna in your soil. Better soil stimulation increases root growth and plant health, which allows the plant to handle more stress in times of drought. After harvest, **REVAMP™** provides the organic biomass to provide raw materials for next year's crop!

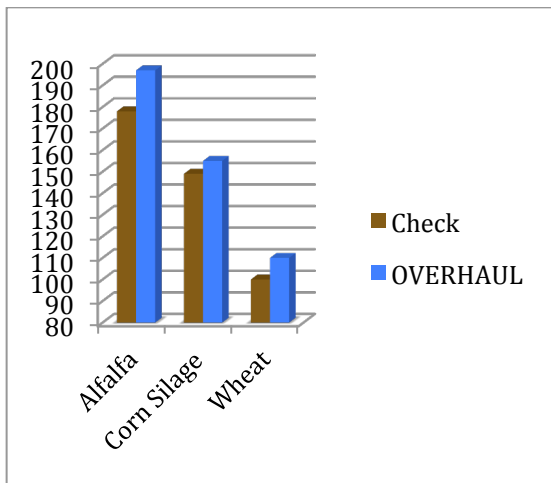
### **Cost Savings as it Applies to the Producer**

If a feedlot was using 200,000 tons of corn Silage for feed and they could use less 10% or (20,000 tons less @ \$34.00 per ton) that would be a potential savings of approximately 680,000.00!

### Effect of OVERHAUL on % Protein in Three Feed Materials



### Effect of OVERHAUL on Relative Feed Value in Three Feed Materials



### Effect of OVERHAUL on Total Digestible Nutrients in Three Feed Materials

