Accelegrow™

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2009



Accele-Grow-M

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Accele-Grow-M™ is a revolutionary fertilizer providing greater yields, improved crop quality and increased profitability for farmers. Transferring directly to your bottom line, Accele-Grow-M produces returns many times the cost of the product used.

Accele-Grow-M Provides:

- Increased crop yields
- Improved quality
- Consistent performance
- Improved plant vigor
- Environmental stress protection

{ All contributing to increased profitability



Accelegrow Technologies, Inc. has completed testing on small grains and grass crops. Various grass types have been tested and produced desirable results for many different applications. Farmers have seen increased crude protein in hay for cattle as well as an increase in yield and even additional cuttings per season. Sod farmers also have reaped the benefits of Accelegrow through improvement in sod conformity, root structure and decreased production time. The following pages contain both university and on farm trials of various grass and grain crops that have been treated with Accele-Grow-M. Additional testing is underway and will provide a wealth of information on the effects of Accele-Grow-M in terms of yields, quality and other characteristics in the production of grains and grasses and other crops.

ACCELE-GROW-M™

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Wheat On Farm Trials

Accelegrow Technologies, has performed wheat trials using controls to determine yield increases for Accele-Grow-M treated wheat.

Untreated Accele-Grow-M

Dee River Ranch located in Aliceville, Alabama, USA used an 18-8-15 fertilizer at broadcast and had rainfall at levels <30% of normal. The following plots were treated with two applications of 4 ounces each (4+4) per acre; applications were both foliar however one was applied aerially. Please note the seed treatment was not administered on these plots. The pictures demonstrate the yield increases seen with the Accele-Grow-M treatment.

Biomass per acre increased in Accele-Grow-M treated wheat in three separate trials. The data below demonstrates the biomass differences in the Accele-Grow-M treated wheat vs. the control.

Trial Number	Accele-Grow-M	Untreated
1	47,759lbs per acre	34,349lbs per acre
2	39,863lbs per acre	29,796lbs per acre
3	23,422lbs per acre	15,567lbs per acre

Grass & Hay

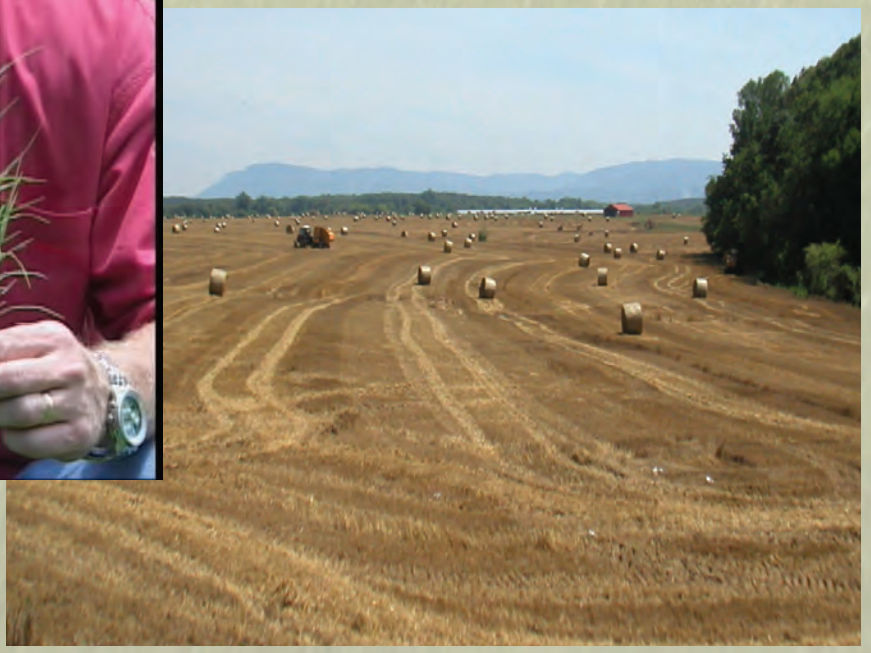
Accelegrow Technologies, Inc. has run multiple trials on a variety of grasses. One area of interest has been in developing quality hay for cattle. Results have consistently shown an increase in crude protein in Accelegrow treated grasses as well as higher amounts of digestible proteins. One experiment, as measured by Auburn University, showed increases in a variety of these attributes including yield.

Accele-Grow-M Coastal Bermuda 4th Cutting

Analysis	Accele-Grow-M	Untreated
Crude Protein - Dry basis	12.44%	9.44%
Digestible Protein - Dry basis	8.07%	5.29%
Total Digestible Nutrients	50.31%	44.45%
Yield in lbs / acre	6300lbs / acre	3600lbs / acre

In addition to the differences recorded above, in field trials have shown measurable differences in cattle weight gain. These weight gains are related to the increased protein and digestible nutrients that the cattle receive while grazing on Accele-Grow-M treated fields.

Further research is being done with hay and cattle to determine the effect on cattle weight gain, dairy production, and digestibility.



Grass and Hay Testimonials

On August 25, I used the Accele-Grow-M product on approximately 3 1/2 acres of Coastal Bermuda. The hay had been cut off the field the previous week and had produced 8 rolls of hay (5X6). The field had been fertilized in June with 21-0-21-2s and had an application of grazeon.

We cut the hay on October 7 and the results were 14 rolls (5X6) of hay. This was an unexpected result. I plan to use the product on my pasture and hay fields during the spring spraying. I am very pleased with your Accele-Grow-M product!

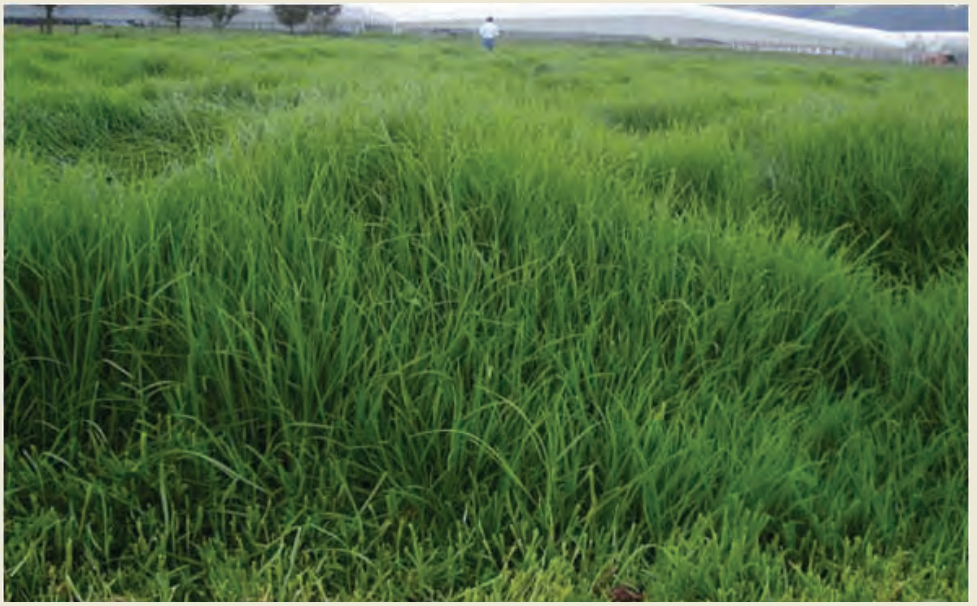
-Bill Bryson, Blountsville, AL

I used Accele-Grow-M on a section of my turf grass farm. The results impressed me. The field conditions upon application showed growth coverage of only 35%. The grass was greener with your Accele-Grow-M product throughout the entire growing season and filled in to an 85% completion rate. The turf mat was tight with a good root zone. Thank you for the opportunity to use this product.

-Rodney Edwards, LaFayette, GA

Additional Research

Accelegrow Technologies, Inc. has done testing in South America in conjunction with a S. American producer and testing organziation to determine growth differences in grasses.

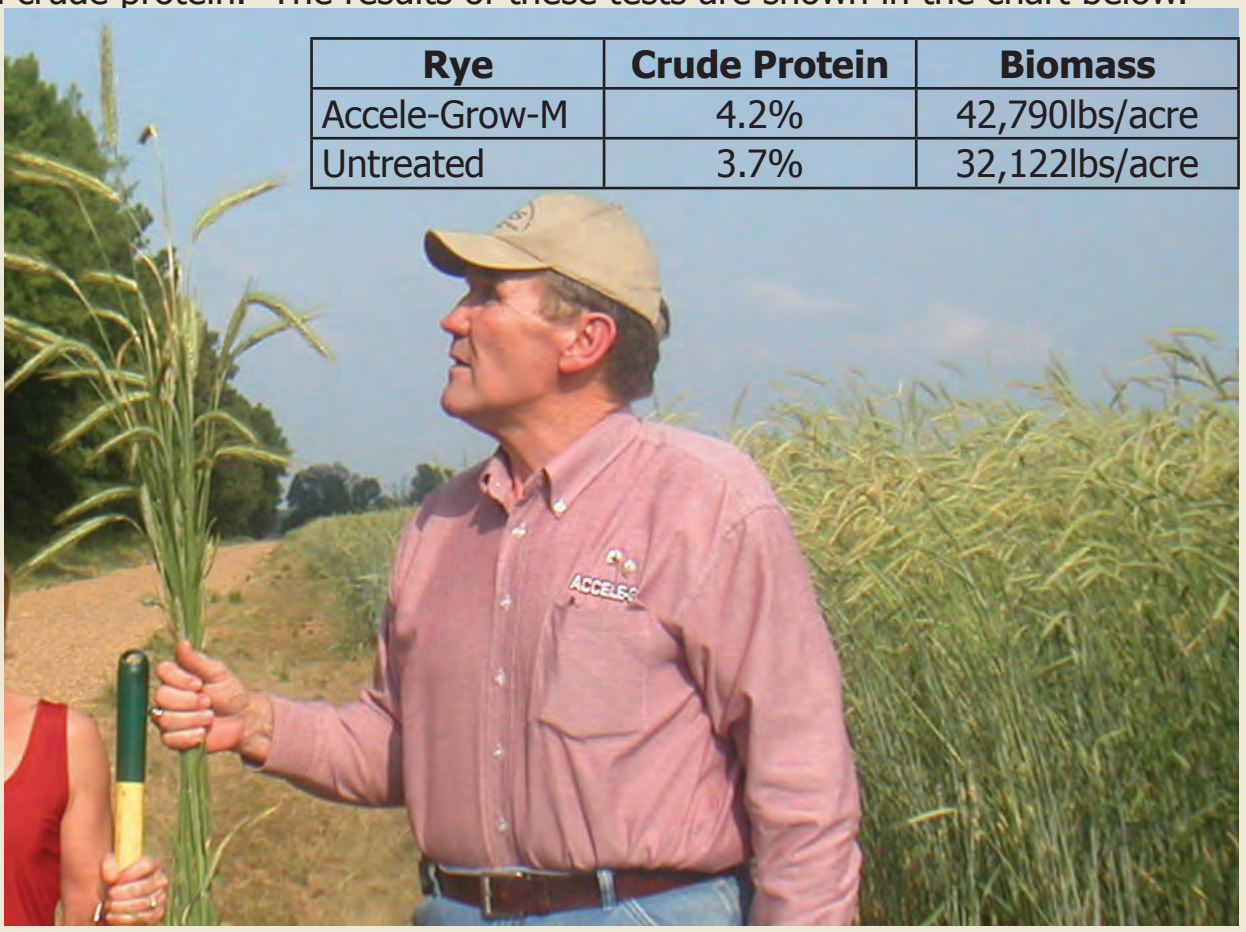


Testing showed that Accele-Grow-M treated forages out produce untreated grasses by an average of 33%. These tests also measured the growth at its tallest, average, and lowest heights and in all three circumstances Accele-Grow-M treated grasses out performed the untreated by 17%, 67%, and 27% respectfully.

Rye Research

In 2007, Accele-Grow-M was applied to rye to determine diffferences in both biomass and crude protein. The results of these tests are shown in the chart below.

Rye	Crude Protein	Biomass
Accele-Grow-M	4.2%	42,790lbs/acre
Untreated	3.7%	32,122lbs/acre



Sweet Corn

A 2006 study from Auburn University's Dr. Joe Kemble studied the effect of Accele-Grow-M treatments on sweet corn. The results show dramatic increases in carbon biomass with the Accele-Grow-M treatments. It is important to note the dramatic differences seen with the Accele-Grow-M seed treatment.

OBJECTIVES: To determine the efficacy of a Accele-Grow-M fertilizer on late season sweet corn production.

PROCEDURES: Seed of >Primetime= yellow sh2 sweet corn was planted in August. Single row plots 20-foot x 6-foot were seeded with a depth of 0.5 to 1 inch. Seed were sown heavily and thinned to 1 plant every 8 to 10 inches. Treatments were replicated four times in a completely randomized block design.

5 treatments as follows:

1) Control - sprayed with sugar water
2) Seed treated with Accele-Grow-M
3) Seed treated with Accele-Grow-M plus 2 oz/acre foliar application
4) Seed treated with Accele-Grow-M plus 4 oz/acre foliar application
5) Seed treated with Accele-Grow-M plus 6 oz/acre foliar application

RESULTS

Of all the data collected, the following was the data which showed statistical differences – and highly significant ones at that. The treatment Accele-Grow-M ST + 4 oz/gal Foliar looked the best.

Stalk & Ear Dry Weights of Sweet Corn Grown Treated with Several Rates of Accele-Grow-M before planting then Foliar Applications at the 4 to 5 leaf stage.

Treatment	Stalk Dry Wt* (g)	Ear Dry Wt* (g)
Control	42.54 b	20.550 b
Accele-Grow-M Seed Treatment (ST)	90.26 a	27.578 ab
Accele-Grow-M ST + 2 oz/gal Foliar	96.18 a	43.965 a
Accele-Grow-M ST + 4 oz/gal Foliar	108.15 a	43.078 a
Accele-Grow-M ST + 6 oz/gal Foliar	89.42 a	34.455 ab

Corn for Silage

ACCELE-GROW-M
2008-Preliminary Results
UW-Research &Extension Center
Powell, Wyoming

Accele-Grow-M in Corn for Silage.

Plots were established under furrow irrigation at the University of Wyoming Research and Extension Center, Powell, Wyoming to evaluate the effect of Accele-Grow-M rate and application timing on Roundup Ready corn grown for silage. Plots were 7.5 by 30 ft. with three replications arranged in a randomized complete block design. Roundup Ready corn was planted in 22-inch rows on May 9, 2008 in a clay loam soil (40% sand, 24% silt, 36% clay, 1.3% organic matter and pH 7.6). Accele-Grow-M treatments were applied broadcast with a CO2 pressurized knapsack sprayer delivering 20 gpa. at 40 psi. Boom width was 5.5 ft with four Teejet 8002 flat-fan nozzles. Application information is reported in table 1. Roundup (weatherMax) was applied twice at (2 and 8 leaf corn stage) at the rate of 22 oz/A for weed control. All plots were cut on September 15, 2008.

Table 1. Weather data at time of application. Powell, WY.

	First application	Second application
Date	June 12, 2008	July 3, 2008
Air temp	56F	76F
Rel. humidity	45%	40%
Wind	NE at 2 mph	N at 5 mph
Sky	Cloudy	Clear
Soil temperature at	0″ 2″ 4″	0″ 2″ 4″
	68F 60F 56F	92F 75F 68F
Crop stage	4 corn leaves	8 corn leaves

Results (Table 2): Corn dry matter with one application of Accele-Grow-M at 4 leaf stage, using 4 oz/A, was similar to that with two applications 4 and 10 leaf stage. Accele-Grow-M post treatments appears to increase corn dry matter by almost 0.8 tons/A.

Table 2. Corn response to Accele-Grow-M treatments

Treatment	Rate	Timing (Leaf #)	Population (plants/A)	Dry Matter (tons/A)
Accele-Grow-M	4	4	34264	10.16
Accele-Grow-M	4/4	4/10	34284	10.15
Check	--	--	35244	9.36

On Farm Trials

On farm trials have been performed and shown consistency in the field. Accele-Grow-M treated corn produce higher yielding crops that add profit to the farmers bottom line.

A few examples of these are Daly Family Farm's where Nobi Daly produced 165 bushels/acre of Accele-Grow-M treated corn and only 40 bushels/acre of untreated.

Accele-Grow-M treated corn - Uniformity of Rows

Below is a picture of Nobi Daly's untreated and Accele-Grow-M treated corn. This picture is an example of the average untreated (left) and Accele-Grow-M treated (right) corn in his test fields. The Accele-Grow-M crop produced high yielding results while the untreated was just able to produce a harvestable crop.

Biofuels

In addition to the yield increases seen with the Accele-Grow-M treatment, biomass increases have been found to be significant as well. These types of increase provide positive implications for the use of corn and other crops in the biofuels industry.

Multiple trials were performed to determine biomass increases in corn crops the first two trials were performed on Dee River Ranch. Refer to table below.

Dee River Ranch located in Aliceville, Alabama, USA used 250 units of N and had rainfall at levels <30% of normal. The following plots were treated with two foliar applications of 4 ounces each (4+4). Please note the seed treatment was not administered on these plots. The chart below demonstrate the biomass increases of Accele-Grow-M treated corn as compared to a control.

Biomass Trials in Corn lbs/acre

Trial	Accele-Grow-M	Untreated
1	74,740lbs/acre	35,777lbs/acre
2	51,045lbs/acre	37,871lbs/acre

Crude Protein

In addition to increasing yields and biomass in corn, Accele-Grow-M has also been shown to increase crude protein. One such trial was done with the cooperation of Daly Family Farms. The details of the trials and results are shown below.

Daly Family farms located in Limestone County Alabama, USA used 100 units of N and had rainfall at 20% of normal. Test plots were treated with Accele-Grow-M as a seed treatment and with two foliar applications of 4 ounces each (S+4+4). The chart below shows the differences in crude protein between Accele-Grow-M treated corn and the control.

Crude Protein in Corn

Trial	Accele-Grow-M	Untreated
1	9.5	8.1
2	7.8	7.1

Additional Testing

Accele-Grow-M tests on corn have taken place in various areas of the US and in multiple foreign countries. Tests in South America commenced in 2008 and initial results showed increases in yield for the Accele-Grow-M treated corn. Additional information on these tests will be available as soon as the data is compiled and reported to Accelegrow Technologies.

Seed Treatment

Seed treatment tests have been performed to determine increased germination and growth rates. In addition, we tested Accele-Grow-M treated plants against untreated in windy conditions. The winds were sustained 20 mph winds with gusts up to 35. The results were dramatic.

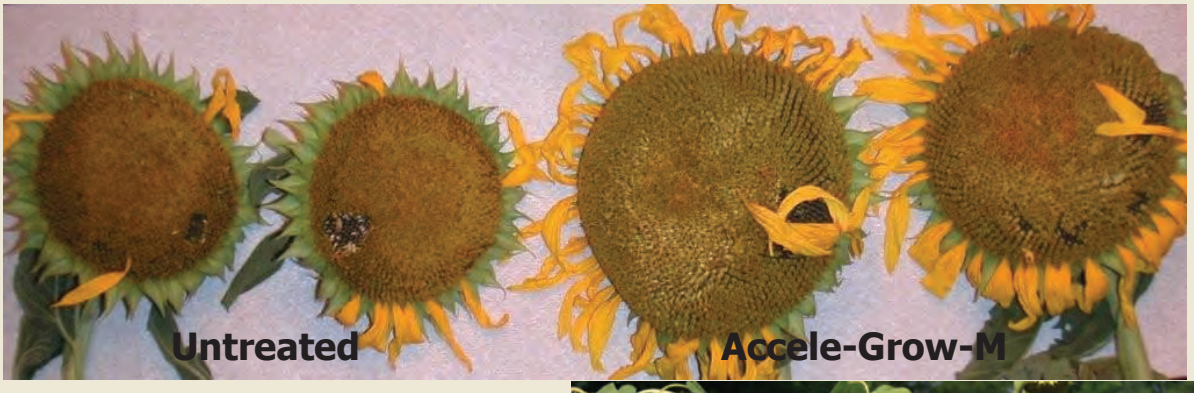
Soybeans

One field trial in Limestone County, Alabama showed that Accele-Grow-M treated Soybeans produced 60 bushels per acre. The test results show that the untreated field produced a barely harvestable crop at 7 bushels per acre. The performance of the Accele-Grow-M treated soybeans is even more impressive when compared to the USDA's national average of 43 bushels per acre.

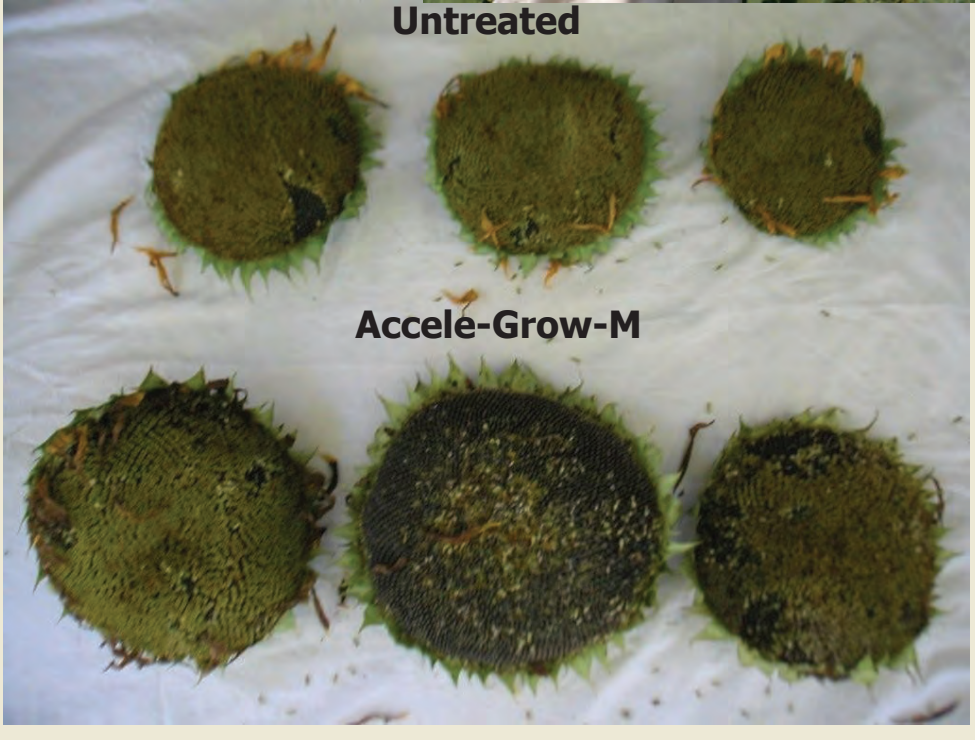
Biomass data on soybeans has been recorded during farm trials. These tests show that treated soy produced 23,145 lbs per acre of biomass compared to untreated soy producing only 9,599 lbs per acre.

Sunflowers

Sunflower trials began in 2008 and have shown significant increases in sunflowers treated with Accele-Grow-M. The treated sunflowers pictured below produced 3084lbs per acre while the untreated produced 800lbs per acre.



Treated Size Reference



Canola

Canola tests are currently underway in Florida. These tests are being monitored by the University of Florida. Below are examples of early stage growth between Accele-Grow-M treated and untreated canola. All Accele-Grow-M treated canola plants are on the right and untreated canola plants are on the left.