

# AGGRAND®

## TESTIMONIALS



AGGRAND – A Division of AMSOIL INC., Superior, Wis., USA

# AGGRAND Fertilizers Save Money, Increase Hay Production

The McCorry farm in Planada, Calif. is another AGGRAND success story.

John McCorry Sr., and his son, John McCorry Jr., are owners/growers of a 350-acre family farm. The McCorrays sell the hay to a local dairy for its herd.

“Last year on the fourth cutting I got 1,600 bails,” said John McCorry Sr. “This year’s fourth cutting on the same field produced 2,000 bails. Using chemical fertilizers I would see a drop in production by this time.”

This is the first year McCorry has used AGGRAND Natural Fertilizer and Natural Kelp and Sulfate of Potash.

“There are many variables in farming that can affect production,” the senior McCorry said. It was the fourth year and fourth cutting when the McCorrays started using AGGRAND products in 2011. “AGGRAND is saving me money and increasing production,” McCorry said.

“The good about AGGRAND: This is the best I’ve seen off this field and this is the fifth cutting on the fifth year,” said John McCorry Jr. “The bad about AGGRAND: The hay is so thick I’m taking a lot longer cutting and the drying time is much longer than I’m used to.”

McCorry senior said his son complains that his job takes longer, but he also thinks it was a wise move to a more sustainable use of the land.

“This AGGRAND fertilizer brings a new meaning to ‘If it sounds too good to be true;’ it costs less and brings in more production and is easy to apply,” said John McCorry Sr.



## **HAY PRODUCTION INCREASES—**

This hay field on the McCorry farm in Planada, Calif., had a significant increase in the number of bales in the fourth and fifth cuttings during the 2012 growing season after the addition of AGGRAND natural fertilizers.



AGGRAND application rates and experiences featured here have been submitted by sources independent of AGGRAND. Individual experiences may vary. Optimal application rates can vary due to soil condition, crop type, weather patterns and many other factors. AGGRAND recommends and supports soil analysis to determine optimal application rates.

# Colorado Farmer Improves Yield, Reduces Cost With AGGRAND Fertilizers

High fertilizer costs sent Tom Hicks of Montrose, Colo. to the Internet to find cheaper, yet effective, fertilizers.

Hicks manages K-M Ranch, located in the Colorado mountainside above Montrose. The ranch is at 7,500 feet average elevation and is owned by Dealers Kent & Misti Mazzia. Hicks is Misti's father.

Online research led Hicks to AGGRAND natural liquid fertilizers for the ranch where they grow and sell "alfalfa and grass hay and 12,000 beautiful Colorado Blue Spruce trees," Hicks said. There are 200 acres of irrigated land, 860 total acres.



## SPECTACULAR COLORADO —

The K-M Ranch high above Montrose, Colo., where ranch manager Tom Hicks works to increase yields and reduce costs using AGGRAND natural fertilizers.

*"The biggest increase we saw was in 70 acres of mixed alfalfa. The yield went from 70 tons last year to 142 tons this year."*

— Tom Hicks, K-M Ranch

## Increased Production With AGGRAND

"Last year's production for the first cutting of hay was 160 tons," Hicks said. This year's first cutting found the yield much improved. "With the AGGRAND Natural Fertilizer 4-3-3 and AGGRAND Natural Kelp and Sulfate of Potash 0-0-8, we had an increase in our first cutting of hay production from 160 tons to 232 tons," Hicks said.

"Last year, the field was fertilized with 28 percent liquid nitrogen at four gallons per acre at a cost of about \$39 an acre," Hicks said.

"Using AGGRAND Natural Fertilizer and Natural Kelp and Sulfate of Potash, the cost was lowered to about \$33 per acre and lowered our cost by \$6 an acre over the time-released liquid nitrogen product used last year," Hicks said.

The fields were unfertilized for years before Hicks took over management. Soil analysis revealed a need for more sulfur, but it was too expensive to use the granular sulfur that needs time to work into the soil, Hicks said.



## INCREASED YIELD —

Bales of AGGRAND-fertilized hay await pick-up.

## 'Nutrients Into Grasses Right Away'

"AGGRAND got nutrients into the grasses right away," said Hicks. "Within a few weeks I could see the difference. For our first try, it was pretty impressive. I'm really quite pleased with the AGGRAND."

He sprayed his mixture of AGGRAND fertilizer at a ratio of five gallons of solution to 100 gallons of water on part of one field and could see where the grass was four inches taller in the section sprayed with AGGRAND.

"The biggest increase we saw was in 70 acres of mixed alfalfa," he said. "The yield went from 70 tons last year to 142 tons this year."

# Dealer Increases Yield, Saves Money With AGGRAND Program

AGGRAND Dealer Phil Wagner of Defiance, Ohio started a comparison study on winter wheat in the fall of 2010. He wanted to see how AGGRAND Natural Fertilizer 4-3-3 incorporated into an existing chemical fertilizer program. The outcome? He saved money and increased his yield.

It was his first experience using AGGRAND on his large acreage.

## The Application

He applied 2 gallons per acre of AGGRAND fertilizer on two fields. This spring, he applied 37 gallons per acre of urea ammonium nitrate (UAN) to one field, 31 gallons UAN and 2 gallons AGGRAND 4-3-3 per acre to the other.

Wagner farms approximately 400 acres. His crops are wheat and soybeans. He used AGGRAND Natural Fertilizer 4-3-3 on 74 acres of soybeans this year. “Results were awesome especially with the very hot and dry summer,” Wagner said.

The summer of 2011 was hot and dry in Ohio, with long stretches of temps near or above 100°F.

“There was no rain at all for about six weeks,” Wagner said. Yet, his soybeans stayed richly green and one field of 36 acres yielded an average of 66 bushels per acre. “The natural fertilizer helped the roots go down deep so there was no stress on the plants,” he said.

## The Results

Wagner had a 10-bushel per acre yield increase on the AGGRAND-added plot, using 17 percent less UAN. On top of that, the test weight per bushel was a near-record 63.5 pounds, three and a half pounds better than normal.

“I saved 15 percent on fertilizer liquid, 28 percent on nitrogen, at \$400 per ton, and 187 gallons per ton,” Wagner said. “I used 31 gallons per acre on wheat. That adds up fast.”

Wagner is sold on the benefits of using AGGRAND products. “I’m going to buy 1,000 gallons for next year,” he said.



**GETTING THE JOB DONE —**  
Dealer Phil Wagner uses this 1,000-gallon mixing tank to blend AGGRAND fertilizer with water.



**WHEAT HARVEST —**  
Dealer Phil Wagner's winter wheat field harvester.

# Organic Garden Thrives With AGGRAND

Dealers Vanessa and Nathan Davis of Duck River, Tenn. pursue their dream of a simpler life at Totty's Bend Farm and Dairy.

Together they raise Nubian goats to sell their milk and cheese. They also grow and sell organic garden vegetables and heirloom tomatoes. They start inside with certified organic seeds and transplant outdoors when the plants are ready.

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*“Our plants germinate very quickly, and they’re very green. We’re getting a lot of produce.”*

Vanessa Davis  
Duck River, Tenn.

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Their 80 square-foot garden is fertilized with AGGRAND Natural Fertilizer and Natural Kelp and Sulfate of Potash.

The 2010 growing season started great, but in May there was a flood “followed by a drought,” she said. “We’ve used AGGRAND both years. I was just amazed at how much produce we got out of the garden the first year.”

During the season, a foliar feeding was done with 2 tablespoons of AGGRAND Natural Fertilizer diluted in a gallon of water.

Neighbors comment on how well the garden does, and Davis has been known to give them AGGRAND fertilizer to try.

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*“Typically okra plants are two or three feet tall. These were 11 feet tall. It was incredible. I could not believe how tall they got. I’ve never seen anything like that.”*

Vanessa Davis  
Duck River, Tenn.

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**EARLY IN THE SEASON —**  
This photo shows the Totty's Bend Farm in early April 2010.



**GROWING LUSH —**  
The AGGRAND-fertilized garden contains a mixture of vegetables, herbs and flowers.



**AFTER THE FLOOD —**  
Even during a year that was unusually wet, the potato patch continued to thrive.



**GARDEN FILLS OUT —**  
The Totty's Bend Farm garden gave a high yield of potatoes, carrots, squash, tomatoes and more.

# AGGRAND Impresses in ‘Corn Country’

AGGRAND customer Tom Joyner of Glade Park, Colo. is using AGGRAND Natural Liquid Fertilizer 4-3-3 for the first time this year.

Joyner is long-time friends with Dealer Ron Arellano, also of Glade Park, Colo.

Arellano supplied Joyner with two bottles of AGGRAND Natural Fertilizer and Joyner created his own test plots on about three acres of land.

The four outer rows were planted and fertilized with granular chemical fertilizer. The two inner rows were planted four weeks later and fertilized with AGGRAND Natural Fertilizer when plants were 1 foot high.



## AGGRAND CORN RESULTS —

The center rows of corn stalks were fertilized with AGGRAND Natural Fertilizer four weeks later than the rows on the outside, which were fertilized with chemical fertilizer.



## AGGRAND BOOSTS CORN GROWTH —

This corn field in Glade Park, Colo. was planted with AGGRAND 4-3-3 on the center four rows and granular chemical fertilizer on the outside rows. The AGGRAND-fertilized corn grew taller even though it was fertilized four weeks later than the outer rows of corn.

“The difference is outstanding the AGGRAND corn is more than 9 feet tall,” said Arellano.

Glade Park is at the foot of the San Juan Mountains. “It’s really corn country,” Arellano said. That made it all the more surprising to Arellano when Joyner called to say, ‘Ron, you’ve got to see this corn.’ “He is really amazed,” Arellano said. “Holy cow, I looked at that corn and I could hardly believe my eyes.”

Joyner will continue to use AGGRAND Natural Fertilizer in the future. “He’s just really pleased with it,” Arellano said.



## CORN NEAR HARVEST —

In late August, Tom Joyner’s corn test plot had grown large, healthy ears of corn on tall, lush stalks with AGGRAND Natural Fertilizer.

# Lawn Flourishes in Dry, Hot Season

AGGRAND Direct Jobber Doug Crawford of Oklahoma City, Okla. started using AGGRAND fertilizers on his damaged yard when he bought his home in 2009.

The previous owner used chemicals on the lawn, Crawford said. "He got everything from Kelly green to dead (patches)."

The lawn was damaged by hot motor oil. "The area around the magnolia had no grass because the oil had killed it," Crawford said.

He planted Fescue grass, a shade-loving variety, that thrives in cold and loves water. He started using AGGRAND Natural Liquid Fertilizer 4-3-3 and Natural Liquid Lime (NLL) and water. He mixed AGGRAND Natural Fertilizer in a 50:50 ratio on the front lawn, with a more dilute mix on the back. He applied Natural Liquid Lime full strength to the area near the magnolia tree. He repeated the applications four times throughout the season. "I just kept it up," Crawford said. The lawn recovered beautifully and drew the attention of neighbors and passersby.

In fact, a friendly competition developed with a neighbor, Steve, whom Crawford calls "Mr. Competitive."

Crawford said his neighbor, who has a well, watered more often than he did during the season that started in April. "Yet people would stop and say, 'Oh your lawn looks so nice. This lawn has never looked so good.'"



**OIL SPILL KILLS GRASS —**  
Before AGGRAND Natural Fertilizer and Natural Liquid Lime.



**LAWN RECOVERY —**  
After AGGRAND natural fertilizers.

# Lawn Business Thrives With AGGRAND

Dealer Dave Richards of Manchester, Md. uses AGGRAND natural fertilizers in his growing lawn fertilization business. "AGGRAND just does a terrific job," Richards said.

His interest in natural fertilizers developed from a desire to help protect the environment in the Chesapeake Bay area. "About 92 percent of the nitrogen from chemical fertilizers ends up in run-off in the wells and streams and eventually Chesapeake Bay," Richards said, which endangers the thriving seafood commerce there.

"AGGRAND is only 4 percent nitrogen and is 20 percent more effective than chemical fertilizers," he said.

He developed his own spray rig and uses it to fertilize lawns and horse pastures for his customers.

He conducts soil analysis to create individual fertilization plans for his customers. "The development I've gotten from these lawns and pastures is just fantastic," Richards said. "They hold up in the heat and drought, cold, stress and against disease."

A season of drought and high temperatures in 2010 put AGGRAND fertilizer to the test. Lawns that were not treated with AGGRAND burned up in the dry, hot conditions, whereas



**LIQUID CONVENIENCE —**  
Dave Richards uses AGGRAND Natural Fertilizer and this sprayer for his lawn fertilization business.

the lawns he fertilized with AGGRAND needed no special care. "Just one application of AGGRAND and the lawns and pastures stayed so nice. They produced a stronger, healthier plant."

His business has grown by word of mouth. "My lawns and horse pastures have come along beautifully in the last three years," he said.

Nothing beats the convenience of liquid fertilizers, he said. He uses the 2.5-gallon container and simply pours it into his tank.



## Natural Fertilizer

Proven Performance through Natural & Organic Ingredients

- **Multi-purpose – on flowers, fruits, vegetables, lawns, trees, crops and houseplants**
- **Formulated for foliar feed or soil application**
- **Promotes enhanced plant vigor, increasing resistance to disease and stress**
- **Convenient liquid concentrate**

## Natural Kelp and Sulfate of Potash

Natural Formula Promotes Healthy, Productive Plants

- **Improves tolerance for heat, cold and drought**
- **Promotes nitrogen (N) use efficiency**
- **Helps reduce susceptibility to insect attack and infection**
- **Promotes early growth and development**
- **Helps increase oil content in seed crops**
- **Promotes early ripening, improved quality and extended shelf-life of fruits and vegetables**
- **Formulated for foliar feed or soil applications**
- **WSDA Listed for use in organic crop production**

## AGGRAND Fertilizer Organic Series 4-3-3

- **Multi-purpose – flowers, fruits, vegetables, lawns, trees and crops**
- **Effective as a foliar feed or soil application**
- **Promotes plant vigor that contributes to disease and stress resistance**
- **Convenient liquid concentrate**
- **OMRI Listed**

## Natural Liquid Bonemeal

Promotes Healthier Vegetables and Flowers through Fast- and Slow-Release Phosphorus

- **Readily usable source of phosphorus (P) and calcium (C)**
- **Feeds plants throughout the growing season**
- **Perfect for all bulbs and transplants**
- **Outstanding performance on root and fruit crops**
- **Ideal for flowers**
- **Convenient liquid concentrate**

## Natural Liquid Lime

Quickly and Naturally Increases Calcium Levels in the Soil

- **High-quality super-fine limestone**
- **Specifically formulated for foliar and root applications**
- **Use on lawns, pastures and hay fields**
- **Combine with AGGRAND Natural Fertilizer to supply additional calcium**
- **Easy-to-apply liquid concentrate**



# AGGRAND®

Contact your AGGRAND Dealer for more information on AGGRAND products or to place an order. You may also order direct by calling AMSOIL INC. at 1-800-956-5695 and providing the referral number listed here. ▼

Referral # \_\_\_\_\_