



Natural Organic Products  
Lawn • Garden • Agriculture

## **Dealer Field Observations**

### **Apples**

Dealer: David Chung, Jonahs Orchard, Tehachapi, CA

Year: 1998

#### Applications

- > 1 gallon of AGGRAND 4-3-3 as a foliar spray prebloom and postbloom
- > 1 gallon of AGGRAND 4-3-3/acre/month through drip irrigation early in season (until fruit set)

#### Results:

- > Higher Quality
- > Fewer blemishes
- > Better flavor
- > Better color

### **Cucumbers**

Dealer: Jim Rogers, Chappel Hill, North Carolina

Year: 1996

Applications: 1.5 gallons of AGGRAND 4-1-1 per acre applied as foliar spray at first bloom

#### Observations:

- > AGGRAND yield was much higher.

### **Hay and Pastures**

Dealer: Robert Benson, West Milford, West Virginia

Year: 1995

Applications: 5 gallons each of AGGRAND 4-1-1 and AGGRAND Liquid Lime

on 60 acres applied after each cutting or grazing period with low volume sprayer (4 gallons of spray per acre through 100 mesh nozzles with recirculation loop at each nozzle)

Results: > 247 one thousand pound bales in 1995 compared to the 4 year average (1991-94) of 168 bales (a 47% increase in yield)

Observations:

- > Fertilizer and sprayer cost \$1,200 compared to \$6,000 for the chemical fertilizer alone.
- > Pastures were ready to be grazed again after 30 days instead of 90 days.
- > Cattle used only 12 Magnesium blocks instead of 50 in previous years.

Dealer: Jim Kranda, Warrenton, VA

Year: 1998

Applications: 1 gallon/acre each of AGGRAND 4-3-3 and Liquid Lime in spring and again after each cutting (3 gallons total)

Results:

- > 1<sup>st</sup> cutting: yield increase of 1,200 lbs./acre, 6 extra 2,000 lb. bales on 10 acres
- > 2<sup>nd</sup> cutting: lost due to drought
- > 3<sup>rd</sup> cutting: 15-16" tall

Observations:

Excellent results using AGGRAND 4-3-3 even after severe drought the crop recovered and a high quality 3<sup>rd</sup> cutting was harvested.

Dealer: John George, Ireland, West Virginia  
Year: 1998  
Applications: 10 gallons of AGGRAND Natural Fertilizer 4-3-3 per 30 acres.

Results:  
> 64 round bales compared to 45 the previous year (> 42% increase)

Observations:  
> No longer has to feed his cattle grain, and they still look like they are grain feed.  
> Over the winter he only had one sick cow compared to the usual 10-15.  
> His savings on fertilizer was approximately \$670.00.  
> His saving on grain was approximately \$910.00.  
> His savings on shots approximately \$50.00.

## Potatoes

Dealer: Mark Schell, Idaho Falls, Idaho  
Year: 1996  
Applications: 3 gallons of AGGRAND 4-1-1 in 3 applications (9 gallons total); first as preplant with sprayer, second as foliar spray after emergence, third through irrigation system in early August

Results:  
6.2% increase in yield  
4Q% more #'s  
7% fewer culls

Observations:  
> AGGRAND plants recovered 1 week earlier than controls from 25° frost on June 18.  
> Plants stayed greener longer.

## Soybeans

Dealer: Don Stefanik, Forest, Ontario

Year: 1997

Applications: 1 gallon of AGGRAND 4-1-1 as foliar spray with postemergent herbicide application

Results: > 3 bushels per acre increase in yield over control

Observations: > AGGRAND plants were taller and greener.  
> AGGRAND beans showed a higher test weight.

## Tobacco

Dealer: Jim Rogers, Chappel Hill, North Carolina

Year: 1995

Applications: 1 gallon of AGGRAND 4-1-1 in transplant water

Observations: AGGRAND plants sprouted suckers.  
AGGRAND stalks were bigger and greener.  
AGGRAND yield was much higher.

Dealer: Walter De Vries, Bowanville, Ontario

Year: 1998

Applications: 3 gallons/acre of AGGRAND 4-3-3 in 127 gallons of water (2.4% dilution rate) was sprayed onto the roots as the plants were transplanted. Chemical fertilizer was banded at the same time, but the second application in early July was eliminated.

Results: Yield increase of 400 lbs. per acre

Observations : The crop inspector increased the farm rating from L to M (top grade).  
The crop ripened faster and retained it's quality until harvest.  
The use of nematicide has been eliminated because the tobacco takes off faster with AGGRAND (elimination of transplant shock).

Savings from reduction in chemical inputs: \$12,000

## Vegetables

Dealer: Roger Stocksdale, Tuscon, AZ

Year: 1998

Applications: Monthly applications of AGGRAND 4-3-3 (3 ounces of 4-3-3 in 1 gallon of water)

Observations: Huge squash and up to 1 Vz Ib. Tomatoes using AGGRAND 4-3-3

## Wine Grapes

Dealer: Ed Greenwood, Salem Hills Vineyard, Salem, OR

Year: 1998

Applications: 1 gallon/acre of AGGRAND 4-3-3 in 3 foliar applications (3 gallons total)

Results: 10-15% increase in yield was obtained when other crops in the Willamette Valley were down 10-20% due to poor growing conditions.

Observations: This site is infected with phyloxera so AGGRAND may have increased the crop's tolerance to this organism.

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