

# AGGRAND<sup>®</sup> NEWS

## AGGRAND Natural Fertilizer 4-3-3 The Superior All-Purpose Organic Fertilizer

*AGGRAND Natural Liquid Fertilizer 4-3-3 was developed through extensive research to respond to the needs of farmers, turf managers and homeowners. It is a safe, effective alternative to high analysis chemical fertilizers. AGGRAND Natural Fertilizer stimulates biological soil activity providing plants all the necessary nutrients to produce high quality and yields.*

### Proven Performance

AGGRAND Natural Fertilizer 4-3-3 has been proven effective in comprehensive laboratory, greenhouse and field testing to outperform the leading chemical fertilizers. Testing proves that AGGRAND Natural Fertilizer 4-3-3 produces healthier, more robust plants and higher yields.

### Balanced Nutrition

AGGRAND Natural Fertilizer 4-3-3 utilizes naturally rich nutrients from Icelandic kelp, Atlantic hydrolyzed fish solubles, bloodmeal, sulfate of potash and other carefully selected natural ingredients. AGGRAND Natural Fertilizer 4-3-3 is a well-balanced natural plant nutrition source that provides plants with the necessary nutrients without risk of excessive nitrogen.

### Soil Enrichment

AGGRAND Natural Fertilizer 4-3-3 is naturally time released. Soil microbes metabolize complex compounds to make them available to plants. As a result, nutrients are released when they are in the greatest demand, providing only the nutrients that plants need when they need them.

### Versatility

AGGRAND Natural Fertilizer 4-3-3 can supplement any program in use. Apply it to soil, foliage or in a planting band. Broadcast it with a field sprayer or add it to irrigation water. AGGRAND Natural Fertilizer 4-3-3 is ideal for vegetables, flowers, lawns, shrubs, trees, houseplants and field crops.

### Results

AGGRAND Natural Fertilizer 4-3-3 has been proven to produce larger, healthier plants. Homeowners, gardeners, groundskeepers and farmers have found that AGGRAND Natural Fertilizer produces higher yields of fruits, vegetables and flowers.

### Friendly Toward the Environment

As concern for the environment increases, growers are searching for alternatives to reduce the effects of high analysis chemical fertilizers. AGGRAND Natural Fertilizer 4-3-3 works with the earth's natural growth systems, not against them. AGGRAND Natural Fertilizer is the most effective, convenient and environmentally sound fertilizer on the market today.



Write to  
AGGRAND with  
your testimonials  
and suggestions

send to: **AMSOIL INC.**  
Attn: AGGRAND Department  
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Superior, WI 54880  
or fax us at (715) 392-5225 or (715) 392-5267

# AGGRAND Is Economical

**AGGRAND Natural Organic Fertilizer 4-3-3 costs 66 percent less to use than the leading chemical fertilizer. Here is the result of an actual 12-week growing test. The results speak for themselves.**

## AGGRAND Natural Organic Fertilizer

- \$8.35 per quart (U.S. funds)
- Dilution rate of two to three ounces per gallon of water
- Application rate of 1 gallon of solution covers 45 sq. ft. (approximately 6 tomato plants)
- Timing: 2oz./gal. at transplanting  
3oz./gal. at first bloom  
3oz./gal. at full bloom  
2oz./gal. during fruit fill
- Total amount of AGGRAND used per season  
10oz./45 sq. ft.  
0.22oz./sq. ft.
- AGGRAND cost per season  
\$0.05/sq. ft.

## Miracle-Gro® 15-30-15

- \$4.99 per 1.5 pounds (U.S. funds)
- Dilution rate of 0.5oz. per gallon of water
- Application rate of one gallon of solution to 120 sq. ft. (approximately 16 plants) during transplanting. One gallon of solution covers 7.5 sq. ft. (one plant) during feeding.
- Timing: 0.5oz./gal. at transplanting  
0.5oz./gal. every 10.5 days (11 times)
- Total amount of the most popular brand used per season  
5.53oz./7.5 sq. ft.  
0.74oz./sq. ft.
- Most popular brand cost per season  
\$0.15/sq. ft.

## The AGGRAND Way to Better Flower Beds

To prepare flower beds before planting and to stimulate soil microbes, broadcast 8 oz. AGGRAND Natural Fertilizer 4-3-3 and 8 oz. AGGRAND Natural Liquid Bonemeal with the convenient hose-end sprayer over 200 square feet of garden one or two weeks before planting. It is all right to till lightly into the soil before seeding or setting out transplants.

After planting, apply 3-4 oz AGGRAND 4-3-3 with one gallon of water and saturate the soil around the plants every 10-14 days. A lighter application of 1-2 oz per gallon may be made every week if desired. This may be especially appropriate for lighter, sandier soils.





# Tips for Growing Great Tomatoes With AGGRAND



**History:** The tomato belongs to the plant family solanaceae, the same as potato, eggplant and pepper. It is native to South America and was first cultivated on the west side of the Andes in Ecuador and Peru. It eventually migrated up the

coast and was intensively cultivated by Mexican Indian tribes. The Spanish were responsible for its introduction into Europe.

**Culture:** It is best to start tomatoes indoors under lights or in a greenhouse. After six to eight weeks, when they have developed four to six leaves, they can be transplanted into the garden. The best time to transplant is during cloudy weather after the soil has warmed to at least 60°F. A black or red plastic mulch, planting in old car tires, wall-o-water (a water-filled plastic ring) or on the south side of a building will increase yields in cool marginal climates.

## Transplantation

- Dig holes 2–3 feet apart, 8–12 inches deep with 3–6 foot row spacing (narrower for staked plants).

## Steps:

- Pinch off all except top two or three leaves at the stem.
- Plant in hole up to those leaves (burying most of the stem).
- If soil is shallow, plant horizontally with tip bent gently

## Fertilization:

- Till in a layer of compost in fall or early spring (2 inches). Use 2:1 soil/compost to fill holes when transplanting.
- Mix two ounces AGGRAND 4-3-3 with one gallon water, and soak the bottom of the hole before transplanting; right after transplanting, water plants with same tea.
- For highest yields, use two ounces AGGRAND 4-3-3, two ounces AGGRAND 0-12-0 and one ounce of AGGRAND 0-0-8 gallon at planting.
- Sprinkle with AGGRAND fertilizer tea at first bloom, full bloom and during fruit set as cooler nights set in.

## Disease:

- Blossom end rot (black rot on the bottom of the fruit): Till in one quart AGGRAND 0-12-0 per 1,000 to 2,000 square feet before next growing season.
- Radial cracking (cracks radiating from stem caused by uneven moisture): Use mulch and keep soil moist by watering with 1–2 gallons of water 2–3 times/week.

## Proven

## Varieties:

**Early:** Northern Exposure, Early Girl, Cascade

**Medium to late:** Better Boy, Fantastic, Beef Steak

**Cherry:** Sweet 100      **Paste:** Roma

# Banding in the Row: A Proven Technique To Jump-Start Your Garden

When you're reading through label directions on AGGRAND products, you find that there is more than one way to apply AGGRAND fertilizer to any given crop. Soil, as well as foliar (leaf) and banded applications are usually specified.

A fall fertilizer application prior to tillage promotes the breakdown of crop residues and helps provide nutrients and organic matter for spring-planted crops. In spring, banding or "banding in the row" is used on some row crops. The best way to band fertilizer is to dig a trench slightly to one side and beneath where the seed will be planted (one to two inches below and two to four inches to the side of the seeds). The fertilizer, mixed with water, is then dribbled into the trench. The trench is covered, and a furrow is formed next to it for the seed.

For more information about specific garden-fertilizer applications, consult the AGGRAND *Gardening Guide* (G-1292).





# Success With AGGRAND

**AMSOIL Dealer Leon Margolis from Long Island, New York knows AGGRAND Natural Fertilizers can be a successful supplement to any AMSOIL Business.**



Leon Margolis has always been interested in agriculture, particularly soil and fertilizers. So naturally, he added AGGRAND natural fertilizers to his AMSOIL business and he hasn't looked back.

"I took a course for master gardeners at Cornell University," said Margolis. "When I started

my AMSOIL business, I learned about AGGRAND products and began weaving sales of AGGRAND natural fertilizers into my AMSOIL motor oil sales."

Leon tried many different markets for his AGGRAND products, but he had the most success with garden centers. Why?

"Garden centers sell products primarily to homeowners," said Margolis, "but they also own nurseries and greenhouses. They need fertilizers as much as their customers do. Some even grow their own plants instead of buying them."

Leon says it takes time and persistence, but AGGRAND can definitely pay off in virtually any AMSOIL business.

"I think gardening is one of the most prominent hobbies," said Margolis, "and organic gardening is the future because it addresses environmental issues. I use a slogan: Grow the healthy way. Don't grow the sick way with herbicides and pesticides because they are dangerous to your health."

"My success has come from spending a lot of time with garden centers. I take samples of AGGRAND Natural Fertilizer 4-3-3 to garden centers because it's our all-purpose fertilizer. I talk with them. I leave an information kit including some of the excellent AGGRAND brochures, a price sheet and an



AGGRAND News for that specific season. I even give them copies of the product labels.

"More and more people are becoming educated in organic fertilizers. Customers are looking for better ways to take care of their gardens so their vegetables aren't affected by chemicals.

"AGGRAND is a great supplement to my AMSOIL Business. It is profitable for the Dealer, but I believe you have to advertise. As the population grows more aware of AGGRAND products and the need for organic fertilizers, people will see AGGRAND products on the shelf and they will recognize them.

"I find a lot of garden center owners also run other businesses like landscaping. Both businesses use vehicles, so I sell them AGGRAND Natural Fertilizers for their plants and AMSOIL motor oil for their vehicles!"