

# AGGRAND Natural Organic 4-3-3 Fertilizer on Cantaloupe

Los Banos, California 2003

Test Crop: California cantaloupe, variety: "Durango"

**Treatments:** AGGRAND 4-3-3  
 AGGRAND 4-3-3 added to standard program  
 Standard program  
 Full-scale organic treatment (AGGRAND 4-3-3 plus AGGRAND 0-12-0 plus 0-0-1 kelp)

**Applications:** Three foliar treatments at first bloom, runnering and first fruit set.

**Rates:** AGGRAND 4-3-3 at 3gal./acre, 6 gal./acre, and 3 gal./acre for the AGGRAND and AGGRAND plus standard treatments.

**Full scale organic treatment:**  
 1st application: 3 gal./acre AGGRAND 4-3-3 plus  
 5 gal./acre AGGRAND 0-12-0 plus 5 gal./acre  
 0-0-1 kelp  
 2nd application: 6 gal./acre AGGRAND 4-3-3 plus  
 5 gal./acre AGGRAND 0-12-0 plus 5 gal./acre  
 0-0-1 kelp  
 3rd application: 3 gal./acre AGGRAND 4-3-3 plus  
 5 gal./acre AGGRAND 0-0-1 kelp

**Research Conclusions:**  
 "The full scale AGGRAND organic and standard plus AGGRAND treatments improved yields, fruit weights and diameters and BRIX compared to the untreated fruit."

Dr. Phillip Keathley

## Key Results

Parameter	Increase over control	
	Standard plus AGGRAND 4-3-3	AGGRAND Full Scale Treatment
Yield weight	7% (1.4 tons)	21% (4.1 tons)
Fruit Number	1%	3%
Fruit Diameter	7%	10%
Fruit Weight	6%	12%
BRIX (fruit sugar solids)	9%	11%
Earlier Harvest	13%	11%

