

AGGRAND[®]

Natural Organic Products

Lawn • Garden • Agriculture

CUCUMBERS

For cucurbits AGGRAND fertilizer is most effective when applied at planting or transplanting, 3-4" in height, runnering, 1st bloom, and several weeks before final harvest. If it is being used in conjunction with a standard fertilizer program, apply after emergence and at runnering to increase yield, and drought, heat, and cold tolerance of the crop. Otherwise apply AGGRAND at all of the developmental stages mentioned above.

Foliar applications:

- 1.) Apply 1-3 gals. per acre mixed in 30-50 gals. of water as a fine mist with enough solution to cover leaves (increase spray volume as crop develops to ensure thorough coverage). Apply first application when plants are 3-5" in height.
- 2.) Repeat application when plants begin to run. Increase the application rate if leaves are chlorotic.
- 3.) Depending on other inputs used plants may respond to another AGGRAND 4-3-3 application at first bloom.
- 4.) To extend the season for fresh market cucumbers apply AGGRAND 0-0-8 Natural Kelp and Sulfate of Potash late in the season up to 3 weeks before final harvest. Mix 2-4 qts. of AGGRAND 0-0-8 in 30-50 gals. of water. Apply as a fine mist with enough solution to cover leaves.

Rates vary according to soil fertility and other inputs used. Lower dilution rates are more effective than higher dilution rates. Two or three lighter applications may be more effective than one heavy application. If other constraints only allow one trip over the field, then do not exceed a 4% a dilution rate (4 gals. of AGGRAND to 100 gals. of water).

The addition of a biodegradable surfactant increases uptake by increasing adhesion to the leaf surface. Apply AGGRAND in early morning or late evening. Do not apply before or after rainfall or irrigation. On standard field sprayers use turbo flood jet nozzles when applying AGGRAND to reduce clogging.

To reduce susceptibility to attack of insect and disease causing organisms apply 1 gal. of AGGRAND 4-3-3/acre when signs of infestation begin to become apparent. AGGRAND added to the spray tank reduces the pesticide needed to obtain effective control by 1/3 to 1/2. Some growers are finding that AGGRAND applications alone eliminate the need for pesticide applications when they are applied at the same times as pesticides.

Soil Applications:

Mix 3 gals. of AGGRAND 4-3-3 in 20-30 gals. of water. Apply solution to one acre (apply spring and fall if soil is hard and low in organic matter).