

SUGAR BEETS

General Information

CYTOMET

CYTOMET is not a fertilizer nor a natural plant growth regulator, but a natural PLANT AMENDMENT. It supports the natural plant growth regulators found in the plant. CYTOMET is a new, environmentally friendly linear and branched natural polysaccharide polymer. CYTOMET is readily biodegradable and nontoxic to humans, plants, soil, water, and air.

APPLICATION

CYTOMET is a wettable powder formulation of a proprietary blend of active ingredients, which must be held in constant suspension in the sprayer to prevent clogging.

This product is to be applied, as a postemergent spray to healthy growing plant leaves at a rate of no less than 1 1/2 lbs. (24 ounces) of active ingredient per acre per year. A good non-ionic or silicone based surfactant should be used to insure good leaf coverage.

Application should take place when soil moisture is above 60% of field capacity and air temperatures are around 72 degrees F. on sunny days with no rain for 10 hours.

METHOD

CYTOMET must be held in constant suspension with agitation both prior and during application.

GROUND:

For ground sprayers use 20-25 gallons of water per acre with surfactant.

AIR:

For air application use no less than 7 gallons of water per acre with surfactant.
(Preferred)

CENTER PIVOT:

Remove the filter and operate the pivot at 100% or apply about 1/10 of an inch of water during application.

TIMING

Application may be made all at once or in split application timing periods depending on the crop species.

COMPATIBILITY:

CYTOMET has shown compatibility with most agricultural fungicides, micronutrients and spray adjuvants. If compatibility is unknown a jar test for physical compatibility should be conducted before field mixtures are made.

ADDITIONAL:

Preliminary tests have indicated that the use of CYTOMET has shown positive results in other horticulture crops and garden vegetables.

Limitations, Restrictions, and Exceptions

SUGAR BEETS:

Apply CYTOMET by air or pivot at 1 1/2 pounds (24 ounces) of active ingredients 40 days prior to harvest.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field_rates 0](#)

[field_rates 1](#)

[field_rates 2](#)

[field_rates 3](#)

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Timings

Preemergence (Crop)

Preharvest