



Anthesis

Cucurbit Maxus

More Cells More Weight More Wins!

What is “Anthesis”?

Anthesis is a combination of two plant hormones that were selected, based on extensive research, to increase the cell division duration and rate in a pumpkin or tomato to result in a larger fruit at harvest.

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How do I use it?

One time application misted onto the fruit 48 hours after pollination

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What is the cost?

This is a two part system with both components costing a total of \$8.00

All you need to do is add about 1oz. (30mL) of distilled water.

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Who created this?

“Mad Scientist Matt D.”
Matt DeBacco

Where do I get it? Get in touch with Matt (e-mail: DeBacco@cox.net) for the order form

Warnings:

*No guarantees are expressed or implied

*Precise directions must be followed or negative results could include, (but are not limited to), plants producing mostly female flowers, seedless fruits, premature ripening and/or fruit shape deformities.

Apply at own risk

General Information:

While the volumes of concentrate may look small, each vial is precisely measured with a calibrated micropipette to ensure accuracy. The goal is to target cellular signaling to increase the cell division duration and frequency. This occurs at the parts per million (ppm) level with very small tolerances to achieve the desired result. ***Please follow the directions!***

The first part, “**Cucurbit**” (the vial with the blue cap and can be applied alone) is designed to release ethylene upon dilution with distilled water to increase the length of time cells are receptive to division. Once diluted, it loses its effectiveness overnight, so each morning, make a new batch. This is intentional to prevent over expression of the hormone.

The second part, “**Maxus**” (which should be mixed with “**Cucurbit**” and is in a light-block amber colored vial) is a cytokinin that increases the amount of cells that divide during the physiologically limiting time period. This must be stored in a freezer (shelf life about 5 months) and away from light until needed. (At refrigeration temperatures, this product is only good for 3 weeks.) This is a high-grade material stored in a light-block vial and has been mixed in a liquid for easy handling and application.

“**Cucurbit**” + “**Maxus**” = *Anthesis* and should be applied directly to the fruit via a mist in the morning 48-hours after pollination. A one-time application is all that is needed for the life of the pumpkin.

Product Care and Cost:

“**Cucurbit**” should be stored at refrigerator temperature and mixed only just before application. It is only good for the day it is mixed. New mixes should be made every morning they are needed. The cost is \$3.00.

“**Maxus**” should be stored in the freezer where it is good for 5 months. If it is stored at refrigerator temperatures, the shelf life is only 3 weeks. This should also be mixed the day of application, and the cost is \$5.00.

Total cost for both parts is just \$8.00, which is enough for one day’s application to multiple fruits. I also have a reusable fine mist bottle and measuring tube to ensure proper volumes available for \$5.00

Directions for Use:

- All below items should be mixed with distilled water (not tap water), so the final volume is 1oz. (or 30mL) and applied via a mist directly to the pumpkin 48 hours after pollination.

*Note: Add the contents in the vials first and then bring the final volume to 1oz. or 30mL to achieve the proper final dilution rate.

*If applying **only** “Cucurbit” (small blue vial):

- Add the small blue vial of “Cucurbit” to a container marked in ounces or mL. Then use distilled water to rinse the vial into the container to ensure all product has been dispensed. Bring the total volume up to 1oz. (or 30mL). Shake; then transfer to a small mist bottle and apply directly to your pumpkin or tomato 48-hours after pollination.

**If applying both “Cucurbit” + “Maxus” (vial with blue cap + amber colored vial):

- *“Maxus” should be kept frozen until the pollination is made you want to make the application to. Then move “Maxus” from the freezer to the refrigerator to allow it to defrost for two days prior to application.*
- Add the small blue vial of “Cucurbit” and then add the larger amber colored vial of “Maxus” to a container marked in ounces or mL. (Then use distilled water to rinse the vials into the container to ensure all products have been dispensed.) Bring the total volume up to 1oz. (or 30mL). Shake; then transfer to a small mist bottle and apply directly to your pumpkin or tomato 48-hours after pollination.

If you have any remaining mixed solution, discard it and use a fresh mix for the next day you need to make an application. The products, once diluted, only have a short duration of effectiveness that is intentional to prevent over expression in the cells.

This is a one-time application, and it must be done 48-hours after pollination to amplify the naturally occurring cell signaling. I suggest you cover your pumpkin with an umbrella to allow the application even in the event it is a rainy day.