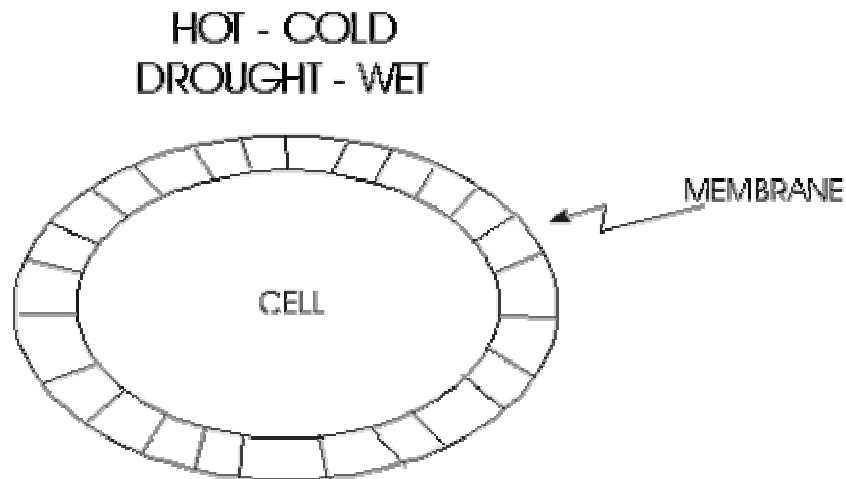




## STOLLER ENTERPRISES, INC.

...World leader in crop nutrition...

### STRESS RESISTANCE



The cell is the plant factory. Every day, the plants make new factories. Think of it as the inside of an egg.

The membrane is the cover that filters the things that go into the cell and come out of the cell. Think of it as a layer of butter.

If the temperature gets hot, the membrane (butter) gets melted and lets the inside "stuff" get out of the cell. Calcium and polyamines make the butter more rigid.

When the temperature is cool and the butter (with calcium and polyamines) is too rigid, IAA will make the butter thinner, so that "stuff" can get in and out of the cell.

When the butter gets dry, it will crack and let stuff get out of the cell. The cell will collapse. Calcium and Magnesium will keep the butter from cracking ... when the plant is under drought.

Ideal solution:

Have plenty of Calcium, Magnesium, and polyamines for hot temperatures and drought. Have plenty of IAA for cool temperatures and wet conditions.

How do you create a constant source of IAA in a plant?