More and Better Crops,
with Stoller's® BALANCER™

STOLLER® brand Products

Balancer™

Control the effect of excessive nitrates and increase sugar movement.

Stoller Products optimize plant genetic expression by bolstering natural plant tolerance to adverse weather and other stresses.
Check this specimen label for basic information and benefits from using Stoller's BALANCER. STOLLER® brand products will help increase your marketable yield, and profit.

BALANCER™
Guaranteed Analysis
0-0-0

Boron (B)	9.0%
Molybdenum (Mo)	0.005%

Derived from boric acid and molybdic oxide.

Stoller's Balancer
Balancer is a convenient, effective alternative to soluble boron with the added benefit of molybdenum to promote conversion of nitrate nitrogen into more metabolically functional forms.

When crops enter their reproductive stage, carbohydrates (sugars) tend to move toward the reproductive sites (seeds). The roots receive less food. They start to reduce growth and begin to die. This results in early death and reduced seed filling time.

THE HIGHEST YEILDS ALWAYS OCCUR WHEN STALKS OR STEMS ARE STILL GREEN AT HARVEST TIME.

It is important to discharge sugars from the leaves just as the reproductive period begins. This will also enable food to move into the roots before they start to deteriorate. Root growth will then continue during the reproductive period. It is this EARLY discharge of sugars that inhibits "early dying". If plant leaves discharge a lot of sugar earlier than normal, more sucrose will be available for larger seed, pods, and kernel size.

Balancer is a liquid product that is designed to:

- Maintain hormone balance in a crop that uses high levels of nitrogen.
- Maximize the production of symbiotic nitrogen fixing bacteria in legumes.
- Increase fruit, seed and storage tissue uniformity…..uniform sizing.
- Move carbohydrates out of the leaves to the roots, storage tissue, seeds or fruit.
- Reduce excessive vegetative growth.
- Increase disease resistance
- Prepare crops for harvest.

Balancer promotes nitrogen balance in two ways:

1. Boron enhances nitrogen utilization by improving sugar transport and metabolism, auxin metabolism and seed and fruit development.
2. Molybdenum is essential for the initial conversion of nitrate nitrogen into nitrogen forms that contribute to higher yields rather than rank growth.

Studies have indicated the quantity of molybdenum in the seed can affect yield. A seed molybdenum content of 0.05 mg/kg DW yielded 1,500 kg/Ha whereas when seeds had 20 mg/kg yields were 2,300.

STOLLER®

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STOLLER® **Balancer**™

Directions for use:

Balancer is recommended for seasonal use on the following crops:

Crop	Rate	
Alfalfa	1.5-3.5 L/ac	(apply about 20 days before cutting, on each cutting)
Clover	1.5-2.5 L/ac	
Corn	0.75-1.5 L/ac	(apply 10-14 days before tasseling)
Lentils	0.75 -1.5 L/ac	(apply before any pods appear)
Canola	0.75-1.5 L/ac	(apply before any pods appear)
Soybeans	0.75-1.5 L/ac	(apply before any pods appear)
Sugar Beets	1.5-3.5 L/ac	(apply 30-45 days before plant senescence begins)
Peas	0.75-1.5 L/ac	(apply before any pods appear)
Wheat	0.75-1.5 L/ac	(apply at early flag leaf emergence)
Potatoes	0.75-1.5 L/ac	(begin 2 weeks before flowering, apply every 14 days)

Caution:
When using Balancer in your crop program, additional boron may not be needed.

Warning:
This product is to be used on soils which respond to molybdenum.
Crops high in molybdenum are toxic to grazing animals (ruminants).