

Boron Deficiency Symptoms

Boron plays an important role in the following:

- Important for cell division and development
- Vital for the transport of sugars through cell membranes
- Involved with plant's utilization of nitrogen and phosphate
- Involved in the synthesis of protein and nucleic acids
- Required for germination of pollen grains, flowering and reproduction, and seed information



Factors which may lead to Boron deficiencies in the soil:

- Cold, wet weather
- low organic matter, well leached soils, sandy
- Dry and drought conditions
- High levels of nitrogen and calcium, natural or applied
- High soil pH

Boron deficiency symptoms:

- Forages and canola may have a reddish/bronze discoloration or yellow mottling
- Poor fertilization and poor seed and/or fruit set (seed may abort itself under deficient scenarios)
- Boron is immobile in plants, so it will affect growing points and younger tissues the most
- Terminal buds may die and the internodes shorten resulting in stunted or rosette appearance
- Leaves and stems can thicken, leaves curl and become brittle



Boron Deficiency on Canola



Boron Deficiency on Peanut



Boron Deficiency on Sugarcane

CONTACT INFORMATION



Tiger-Sul
Corporate Headquarters
2 Corporate Drive, Suite 545
Shelton, CT 06484, USA
203-682-9200 (phone)
203-227-8351 (fax)

TIGER-SUL Products (Canada) Co.
P.O. Box 126
275137 Range Road 263
Irricana, AB TOM 1B0, Canada
877-299-3399
403-935-4197 (direct)

TIGER-SUL Products LLC.
25 Byrne Drive
Atmore, AL 36502, USA
800-239-3647
251-202-3850 (direct)
251-368-4964 (fax)
Mailing Address:
P.O. Box 5; Atmore, AL 36504, USA

tigersul.com
info@tigersul.com