

June 15, 2011

Nutrient Deficient Symptoms - Corn & Beans

There is nothing worse when you're walking your fields and see stunted or discolored plants due to a nutrient deficiency. The key is to take a proactive approach to this. There are a few things to consider when deficiencies are present.

1. Look at your grid sample results to see if there is an adequate supply of nutrients in the soil to supply the crop.
2. Take a tissue sample to see if there is a nutrient limiting the plant.
3. Check roots because if they are unable to access sufficient nutrients deficiencies can show up.
 - This can be due to poor growing conditions, excessively wet or dry soils, cold weather, or soil compaction.
 - Root injury due to mechanical, insect, disease, or herbicide injury.

If you can visually see a nutrient deficiency in a corn or soybeans plant chances are you are too late. It is something to remember for future management.

Nitrogen Deficiency



Corn Nutrient Deficiencies:



Phosphorus Deficiency

Potassium Deficiency



Sulfur Deficiency

Soybean Nutrient Deficiencies:



Potassium Deficiency



Manganese Deficiency



Iron Deficiency

AGRONOMY TOPIC OF THE WEEK