



TRANZIT-K is a proprietary formulation of highly available potassium sequestered with a proprietary carbon synergist. It is designed to be used as a foliar supplement on intensively managed fine turf grasses such as golf courses, athletic playing fields, or any area where the desired objective is healthy, durable, aesthetically pleasing turf.

Consider where these grasses are predominately grown, and a little knowledge of how these environments affect potassium availability from soil applied potassium supplements and you will certainly see the need for a product such as **TRANZIT-K**.

WHY IS POTASSIUM SO IMPORTANT?

As one of the major nutrients, potassium has many roles in the plant.

- Necessary for the formation of starches and sugars.
- Essential for the synthesis of proteins.
- Regulates internal water relationships.
- Activates many essential enzymes.
- Essential in cell division.

In spite of its obvious importance to plants, there are many conditions in the soil that make potassium availability problematic.

- Leaching (rainfall and irrigation).
- Clipping removal
- Soil Compaction
- High nitrogen usage.
- Excess of calcium, Magnesium, Iron, Sodium, and Manganese.

Under most conditions the potassium content of plants is 1.0% dry weight.

Agricultural crops that are well fertilized generally do not have great difficulty in maintaining this 1.0 potassium level, but researchers tell us that this is not nearly high enough for managed turf grasses. Following are potassium levels recommended for fine turf grasses.

- ❖ Cool season turf types - 2.5 – 3.0%
- ❖ Warm season turf types - 3.0 – 4.0%

All factors considered, you are not going to get close to these numbers without frequent foliar applications. The carbon synergist in **Tranzit-K** assures rapid uptake, and distribution throughout the turf.