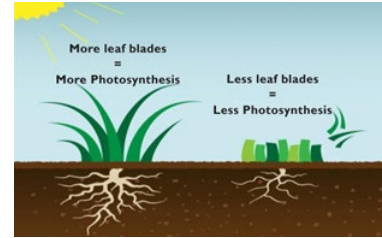


## Mowing Low Limits Sunlight Absorption

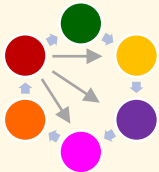
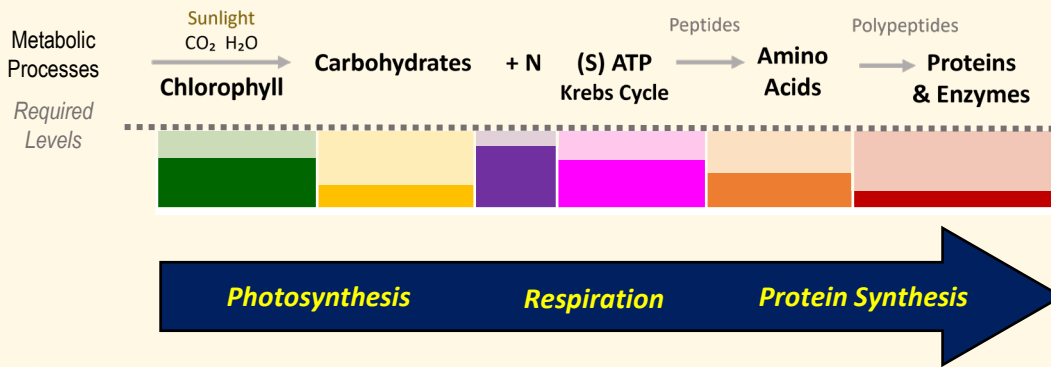
Plant health and stress tolerance levels are directly related to **Sunlight**. Mowing heights severely limit the amount of absorbed sunlight, which impacts how many **critical biochemical materials** can be made for the **Photosynthesis, Respiration, and Protein Synthesis** process steps.



## Importance Of Nitrogen

Turf managers control growth with **Nitrogen**, but the true potential health and defensive strength of the plant comes from all metabolic processes working together. N is a crucial component, but without the proper balance of biochemical materials (hormones, metabolites and nutrients) required to assimilate **N** into stress fighting **Proteins and Enzymes**, excess growth, poor texture and depletion of root reserves can occur.

**The challenge becomes how to increase photosynthetic plant materials without increasing mowing heights.**



## True Plant Health Is Cyclical Not Linear

Metabolic Processes are not linear but are instead cyclical. Thus, the **Proteins and Enzymes** produced are used to create the next set of cells to repeat the same ongoing cycles. Any reduction in one process area will impact the future outputs in all other cellular processes.

## FLORATINE SOLUTION- Products To Balance Metabolic Processes

When turf managers start using Floratine to correct metabolic imbalances, they quickly experience:

1. **Superior Color**
2. **Healthy Vigor (controlled growth)**
3. **Ideal Texture (ball speeds)**
4. **Deep, Fibrous and Healthy Rooting**
5. **Excellent Tolerance to Stress (environmental/traffic/management intensity)**

## Make Your Life Easier By Giving the Plant What It Needs



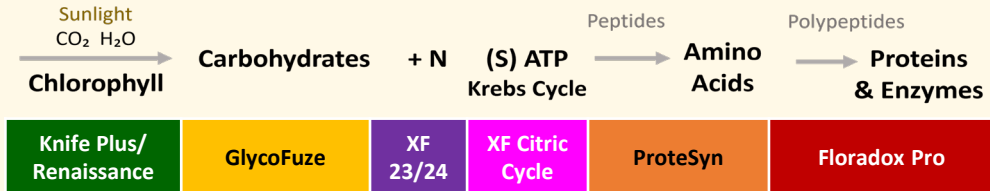
**Uniquely Balanced Photosynthetic Processes Materials**  
**Phytohormones-** Different types and ratios that trigger and drive process steps  
**Metabolites-** All non-nutrient materials needed to maintain major biochemical reactions  
**Essential Nutrient Compounds-** Elements needed for cellular biochemical reactions

# TRUE PLANT HEALTH™ - Solving Photosynthetic Challenges



## Products That Naturally Raise Photosynthetic Levels

Because each Floratine product below is designed for a different biochemical process, they each have their own unique patented types of **Phytohormones, Nutrients, and Metabolites**. This way they can collectively raise all photosynthetic reactions needed for true plant health, without the need to increase mowing heights.



**Knife Plus or Renaissance** - Phytohormone ratio trigger the plant to continuously produce chloroplast organelles resulting in more **chlorophyll** to capture more sunlight. Food-grade essential nutrient compounds for chlorophyll molecules provided. **Metabolites** needed to complete process provided.

**Primary Phytohormones:** Cyto, Aux, GA

**Floradox Pro** - Phytohormone ratio triggers plant to continuously produce plant-made **protein and enzymes**. High concentration of supplemental building blocks, polypeptides and energy sources to generate defensive and recuperative proteins. Process specific nutrients and **metabolites**.

**Primary Phytohormones:** Cyto, Aux, GA

**GlycoFuze** - Phytohormone ratio triggers plant to continuously produce plant-made **carbohydrates**. High concentration of 8 plant-made sugars provided for plant energy consumption. Process specific nutrients and **metabolites**.

**Primary Phytohormones:** Cyto, Aux, GA

**ProteSyn** - Phytohormone ratio triggers plant to continuously produce plant-made **amino acids**. High concentration of vitamins, peptides, and 23 long and short chain amino acids to provide building blocks for proteins. Process specific nutrients and **metabolites**.

**Primary Phytohormones:** Cyto, Aux, GA

**23/24-0-0 +Mo** - Crafted with ammoniacal, nitrate and Urea nitrogen sources with molybdenum to drive **nitrogen utilization**. X-Factor technologies for fastest foliar uptake, world's only plant absorbed non-contact UV blocker, salicylic acid for increased rubisco and shock tolerances, abiotic stress fighters and **metabolites**.

**Secondary Phytohormones:** SA

**Citric Cycle** - Crafted with proprietary carbon, sulfur, phosphorus, phosphite, and citric acid to increase **Krebs Cycle** conversion of nitrogen and sulfur to amino acids, allowing the plant to use less carbohydrates and conserve energy. X-Factor technologies for fastest foliar uptake, world's only plant absorbed non-contact UV blocker, salicylic acid for increased rubisco and shock tolerances, abiotic stress fighters, and **metabolites**.

**Secondary Phytohormones:** SA

**Rooting**

Primary Phytohormone, Nutrients, and Metabolites

**Cyto, Aux, GA**

**ASTRON** ROOT DRIVER

**Heat Stress**

**Cyto, Aux, GA**

**PERK UP** ENERGY

**Density**

**Cyto, Aux, GA**

**PER MAX** TURF HEALTH

**GE TURF**  
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