



The

Truth is Out

There



AND



Why Genetic Fingerprinting?

A lot more varieties to sort out

Genetic Finger Printing is the new tool in our tool box to help our industry in many ways starting with sorting through the immeasurable number of Kentucky Bluegrass varieties. Twenty years ago there may have been 15 to 20 varieties in the NTEP, now there is that many in one "type or grouping" of Kentucky Bluegrass. There is more genetic variation in Kentucky Bluegrass than ever before but at the same time there are more varieties like each other than ever before. Genetic Finger Printing can be a tool to sort through the numerous varieties we have to select from to insure genetic diversity in our blends.

Applied Research

The standard today with Kentucky Bluegrass is to blend different variety types with different variety strengths. Do we know how one variety does as compared to another variety in the blend over the course of time? Genetic Finger Printing would be the tool to take turf samples to determine which variety is expressing itself in the blend. This information would enable us to do a better job of selecting varieties for future blends.

Improve our industry to increase the value of sod

It's no secret. Products that are consistent and continue to offer value stand the test of time. Genetic Finger Printing can take and keep our industry at the next level by consistently providing high value products.

Quality Control

In addition to the benefits Certified Sod Quality brings, Genetic Finger Printing can be an additional tool to verify that the variety in the bag is true to type. Our industry can test for germination, weed seed and other crop seed, however; without genetic finger printing we have no tool for genetic verification of variety. This quality control could be used at many levels.

- Seed Farmer to Seed Company: Potential tool for Certification Program to insure the right variety is harvested and packaged
- Seed Company to Seed Company including golf, sod farm or whatever level the customer desires in quality.
- Sod Farm to Customer: To insure that the product is what was specified.

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