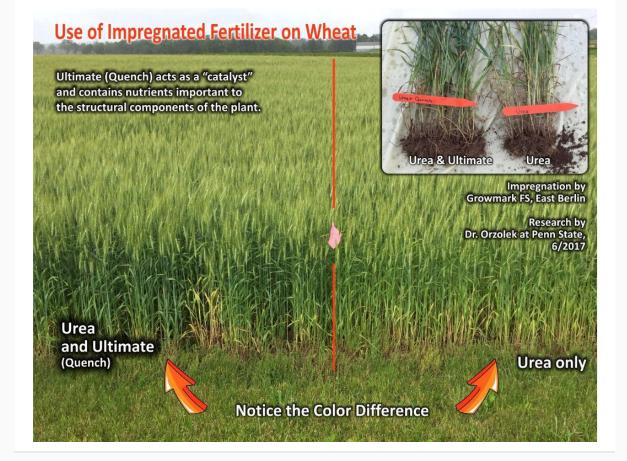| | |
|---|---|
| **From:** | Denny Wildman |
| **Sent:** | Monday, June 26, 2017 2:56 PM |
| **To:** | Denny Wildman |
| **Subject:** | ROOTS, SHOOTS & FRUIT: Ultimate Impregnated to Wheat |

No: 1    June, 2017

# Roots, Shoots, and Fruit

*Agronomic Tips from Denny Wildman*

## Ultimate (formerly Quench) impregnated to Urea proves beneficial on wheat.

Fertilizer impregnated by Growmark FS, East Berlin          Research by Dr. Orzolek at Penn State – June 2017



Use of Impregnated Fertilizer on Wheat

Ultimate (Quench) acts as a "catalyst" and contains nutrients important to the structural components of the plant.

Urea & Ultimate     Urea

Impregnation by Growmark FS, East Berlin

Research by Dr. Orzolek at Penn State, 6/2017

Urea and Ultimate (Quench)     Urea only

Notice the Color Difference

**Hello all,**

Welcome to **Roots, Shoots, and Fruit** – the first of many to follow.

This impregnated application of **Ultimate** (formerly Quench) to Urea fertilizer shows a difference in color and root structure.

Shown above on wheat, the same results apply on other crops utilizing nitrogen --- and has immediate value for corn, as now is the time for side dress and/or top dressing .

When considering what steps to take, root viability must always be considered. **ROOTS** are a foundation of all actions involving crop production. As can be seen in the photos taken at Penn State root activity was most certainly impacted by the impregnation of Ultimate (Quench) to Urea.

Color is what the grower sees first, and the plant color represents viability. Always consider that the plant quality/color is a factor of THE ROOTS.

There is no Silver Bullet, but **ULTIMATE** is a very valid tool for your tool box.

**ULTIMATE (Quench) IS A TOOL FROM YOUR TOOL BOX THAT ENHANCES NITROGEN UTILIZATION BY THE CROP .**

Ultimate contains elements that act as catalyst - impacting the functionality of nutrients that build the structural building components of the crop.  Ultimate is low rate use at 1 ounce per 20 pounds of nitrogen, and may be applied with nitrogen solution or impregnated onto fertilizer.

Give me a call if you have questions.



**Denny Wildman**

**330.507.1838**

Denny@AdvancedAgEast.com