

The Effects of **Transit Soil®** & **Zicron® Soil** on Silage Corn Yield & Relative Feed Value

Randomized Replicated Trial Bryan G. Hopkins (BYU)

RESEARCH SUMMARY

In 2010 and 2011 randomized replicated complete block design trials were conducted by Dr. Bryan G. Hopkins of Brigham Young University. The trials tested **Transit Soil®** and **Zicron® Soil** for increases in yields and biomass.

TREATMENT PROGRAM

Grower Standard

VS

Treated

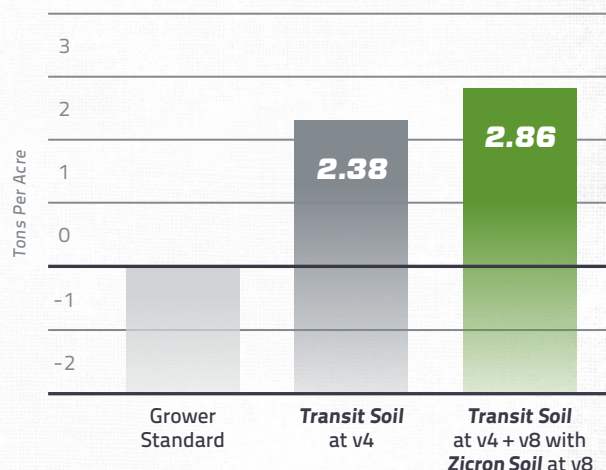
- » 8 oz/acre of **Transit Soil** applied at v4
- » 8 oz/acre of **Transit Soil** applied at v4 + v8 with 1.5 qt/acre of **Zicron Soil** applied at v8

RESULTS

Transit Soil and **Zicron Soil** significantly outperformed the Grower Standard.

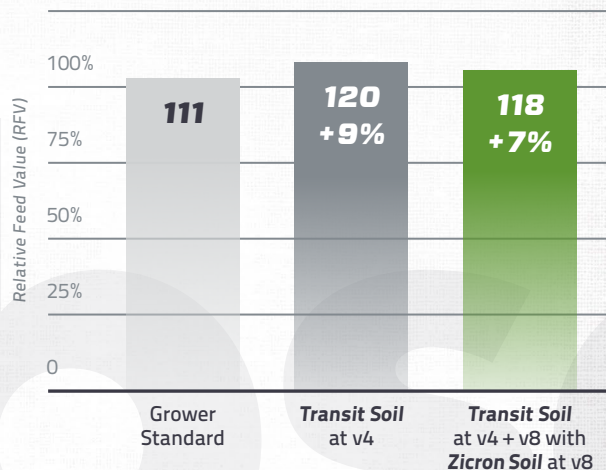
- » **Transit Soil** significantly increased silage corn yields by **2.38 tons per acre**.
- » Adding **Zicron Soil** to **Transit Soil** further increased yields to **2.86 tons per acre** above the grower standard.
- » **Transit Soil** alone increased **Relative Feed Value (RFV)** by **9%**.

SILAGE CORN AVERAGE YIELD INCREASE Burley, Idaho



Yield difference for each year was statistically significant for both treatments over control ($p=0.10$). Replicated research conducted at Brigham Young University, Burley, ID, 2010-2011.

SILAGE CORN RELATIVE FEED VALUE (RFV) Burley, Idaho



RFV increased 6-9% over grower standard. Replicated research conducted at Brigham Young University, Burley, Idaho, 2011.

