

A stylized graphic of a plant with two green leaves pointing upwards and two brown roots pointing downwards, positioned behind the word 'COMPELL'.

**COMPELL**™

The FORCE  
of nature.

**Pelletized for use in Precision Agriculture**

# Compost for Modern Agriculture

## Balance Your Soil's Diet

- Water Holding
- Buffer pH
- Organic Matter
- Microbiology
- Cation Exchange



# Compell being applied at planting

40 lbs./acre

Directly into the seed zone



# No-Till Applications



# Compell Effect on Soil Microbiology using PLFA Testing 40 lbs./acre



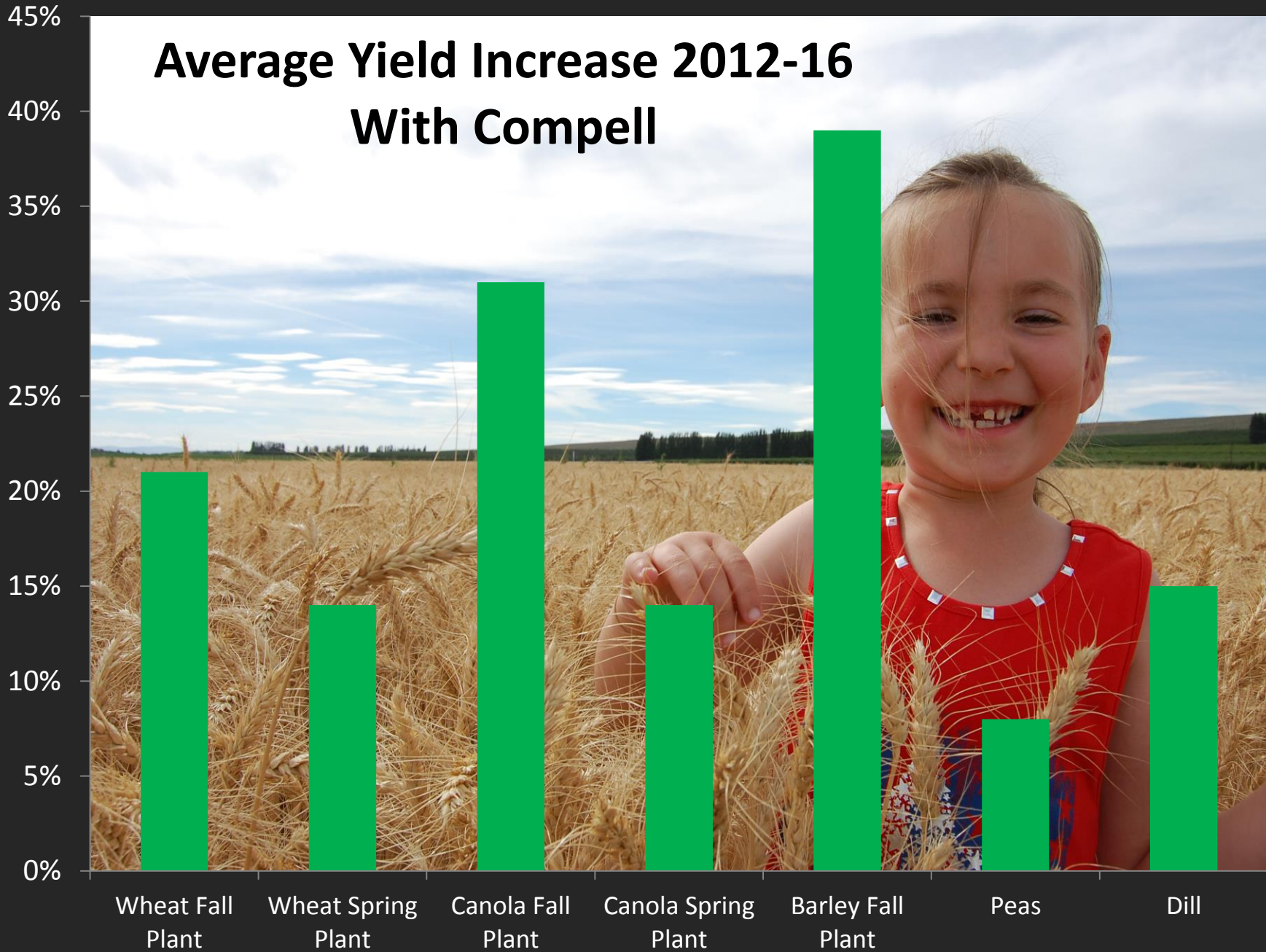
# Montana Trials



# Pomeroy Trials



# Average Yield Increase 2012-16 With Compell





# Soil Health = Plant Health

Compost has shown to suppress:

- Fusarium
- Rhizoctonia
- Verticillium
- Pythium
- Phytophthora

# Evidence of Disease Suppression

**Compell Amended**

**No Compell**



Fusarium infection, side by side fields

# Pythium Suppression on Peas



The background of the slide is a photograph of a combine harvester in a field. The harvester is yellow and black, and it is moving through a field of crops. The sky is blue with some clouds. The Compell logo is overlaid on the top left of the image.

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Choosing Soil Health?



Choose Your Tools—

**Compell \$8-16/acre applied —1.05% of the seed**

**zone**

**or**

**Bulk compost \$15-75/acre for material,**

**haul & spread another \$50+/acre —0.14% of the seed zone**

Based on 40|80lbs/acre of Compell and 3 ton/acre bulk compost. Seed zone defined as 1/2" diameter around seed placement.



# Compell vs. Bulk Compost Orchard & Vineyard

|                     | Application Rate | Cost/acre material | Cost/acre with haul, spread, tillage * |
|---------------------|------------------|--------------------|--|
| <b>Compell</b>      | 300bs/acre       | \$ 60              | \$ 60-70                               |
| <b>Bulk Compost</b> | 3 ton/acre +     | \$ 75.00           | \$ 130.75                              |

\* Haul assumed 25 miles for bulk, tilling bulk compost 4",

Compell banded by air spreader with less fill stopst

# TRADITION meets PRECISION



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ROYAL  

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organics

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