

# LIGNITION<sup>®</sup>

**READY. SET. GROW.**

## MAXIMIZING **FREE** CROP INPUTS

by supporting **photosynthesis** on all YOUR acres!

Every acre of your land gives YOU access to...

**FREE SUNLIGHT** - *that drives photosynthesis!*

More Energy to drive photosynthesis- is captured by your crops!

**FREE CO<sub>2</sub>/CARBON DIOXIDE** - *photosynthesis uses this!*

Carbon stored in plant dry matter and in ALL roots & soils!

**FREE H<sub>2</sub>O/WATER** - *that soils can hold!*

Carbon adds to soil organic matter-to hold more water!

**FREE NITROGEN** - *legumes capture this key element!*

Nitrogen supports plant growth-and increases grain protein.

**FREE NUTRIENTS** - *acquired from every soil!*

Carbon leaking from ALL plant roots feeds soil microbes!



**A circular economy technology**

**MORE PHOTOSYNTHESIS**

**MORE “LEAKAGE” FROM ROOTS**

**MORE FOOD FOR SOIL MICROBES!**

The more free crop inputs you can capture, the bigger your yields and the lower your cost per unit of yield is for **bigger profits per acre!**

INPUTS

APPROXIMATE TONNES PER ACRE

FREE Sunlight (1,000 watts/sq meter)

2

FREE CO<sub>2</sub>/Carbon Dioxide

12

FREE H<sub>2</sub>O/Water

16,000

FREE Nitrogen

30,000

FREE Nutrients

X (macros + micros)

\*These values are calculated to the top of the atmosphere - over every acre: to 10 miles up!

## “POWER FULL FIELDS MAKE FOR EXTRA YIELDS”

**ALL** these activities are **enhanced** with the use of our proprietary products:

