

Split N using OptRx Technology

What is it:

Active light System

Detects Stress on plants

Detects Health and Plant Vigor



Why

- Yield Increase
- Less Impact on environment
- Denitrification
- Volatilization
- N availability varies on Corn Varieties
- ROI Return on Investment

-Takes 1lb N per Acre per 1 bushel

-200bushel=200lbs

-Takes 1% O.M. produce 30lbs N

2% O.M. = 120lbs

Factors:

- Manure
- Last Years Crop
- Cover Crops
- Soil Variation
- Weather



How it works

Device has 2 sensors per unit

1st Determines amount of vegetation

-red edge light wave scanning to the growing parts of plant

-responds to health and stress of plant

2nd Reflectance of visual light

-Crop vigor
=VI index (Vegetative Index)

-using single algorithm method



Application

Putting OptRx to use

- Chart in crop history
- Minimum
- Maximum
- Manure Credits
- N Credits previous Crop

Reference Strip
programmed based
on Crop Vigor(Color)



