



UpTerra™  
TECHNOLOGY BY NATURE

Feeding the world  
more efficiently & effectively

T H A N E V E R B E F O R E



## Corn Production

- Yield increased **+23.3%**



## Sesame Production

- No fertilizer applied
- "Best sesame we've ever seen."  
- Seed Manufacturer from Sesaco, Brazil



## Cotton Production

### Study 1:

- Increased boll number per plant **+31.3%**
- Optimized average internode length (**11.7% reduction**)
- Increased root length by **+12.3%**

### Study 2:

- Increased lint yield by **+30%**
- Increased fiber quality

### Study 3:

- Increased yields by **+10-16%**



## Soybean Production

### Study 1:

- Yield increased 15 bu/ac (**+36.8%**)
- Higher chlorophyll index (**+33%**)
- Faster decomposition of triticale stubble

### Study 2:

- The average number of nodules per plant increased from 29.3 per plant to 39.9 per plant (**+35.9%**): More nodules = more nitrogen = more growth



## Peanut Production

- Reduced kernel damage by **77%**
- Increased kernel value by **+5%**
- Irrigation reduced **4.7%**
- Pod counts increased



## Indoor Production

- Grams of flower/per plant increased an average of **+20%** (12.7 g)
- Grams of biomass/per plant increased an average of **+23%** (32 g)
- Potency increased **+5.0%** overall on average
- Terpenes increased **+16.1%** overall on average



## Sorghum Production

- Increased yield by **+31%** to 105 (vs 80) bu/ac while reducing fertilizer by **50%**



## Poultry Production

- Increased livability by **+6%**
- Improved Feed Conversion Ratio by **+7.9%**
- Decreased Prime Cost by **7%**
- Better gut health and immune responses
- Reduction in mice infestations