

## Using less Nitrogen in a Program with Compost Tea

In the southern Texas delta region near Edinburgh, Pacific Gro is showing good progress with compost tea.

**PACIFIC GRO**  
Seafood for the Soil™



### Corn

Growth stage: Pre-tassel

The producer here used 8 gallons of Pacific Gro Sea Phos hydrolysate and 20 gallons of compost tea throughout the growing season, spoon-fed three times. There are only 60 units of total nitrogen on this corn. Despite warm temperatures and lack of precipitation, the corn is very healthy and not stressed. There are no leaf diseases. Pacific Gro Sea Phos provides N in amino acid form, which is plant-available — and it saves the plant energy that would be spent to metabolize other forms of N.



### Watermelons

Growth stage: Fruit bearing

This photo shows the producer holding up the vine to see the inner node spacings, which are at the right length - the distance from your pinky finger to your thumb. He used 45 lbs of synthetic liquid nitrogen, and Pacific Gro Sea Phos hydrolysate with his liquid compost tea. This improves nitrogen efficiency because it's an amino acid form of nitrogen. It's fungi dominant so it increases the plant's ability to stimulate fungal activity in the soil and solubilize more nutrients, ultimately keeping the plant healthier. It also stimulates the cytokinins.