

Ground Report

Newsletter - Nov. 2022

PACIFIC GRO

Seafood for the Soil®

by



Tidal Grow®
AgriScience

New Dealers Covering New Ground

During the 2022 season, we added 11 new consultant-dealers, and started working with many more large farms in many states. We've achieved great results in a variety of crops and fertility programs.

We are committed to helping farms improve their profitability while improving soil health and crop performance. Producers realize long-term benefits when they use Pacific Gro together with other biological inputs. They usually reduce other inputs so that this approach costs less than their old program. As the soil recovers and plants develop resilience, pest and disease pressure decreases.

Progressive consultants and producers have been demonstrating the practices that help us all succeed with this new crop fertility paradigm. This transition has real momentum and will continue to gain ground.

These recent results highlight the range of crops and programs we're involved in:

- In central Washington, Pacific Gro is a core input on organic vegetables, applied every week or two through the center pivot. There is a remarkable crop response from improved nutrient uptake: bigger darker leaves, bigger produce, and less insect pressure.
- At Precision Planting we were part of the program on multiple plots with Nutrient Management Specialists. These plots had the best plant health—with no leaf disease and complete aphid control. QLF's plots with Pacific Gro also performed excellently there.
- In southern Idaho, a large dryland wheat and safflower producer added Pacific Gro, cut his input budget by 30% and achieved higher average yields.
- In Kansas, we're working with Elevate AG and Green Cover Seed and improving soil health during cover crop rotations. Adding microbes, chitin and plant-available calcium and amino acid N achieves great results in low-input systems.
- In California, we are part of a new vineyard program that's using a biological approach to balance nutrition and reduce disease pressure.
- In Texas and New Mexico, we are being used on melon crops on multiple farms. They are growing better quality melons with higher brix and shortening the days to harvest. This is due to plant-available calcium, chitin and microbes.
- In pasture and alfalfa we are seeing that cattle gravitate to grazing where Pacific Gro is applied, on multiple livestock operations.

New Owner Adds Opportunities

In October, Pacific Gro merged with Tidal Vision, a manufacturer of Chitosan based in Bellingham, Washington. We are now the core of their agriculture division, called Tidal Grow AgriScience.

Tidal Vision upcycles crab shell from Alaska into chitin, and then into chitosan, and purifies it for a number of applications. This natural green product replaces many synthetic chemicals. It's a flocculent for wastewater treatment, and a flame retardant for textiles.

In agriculture, chitin and chitosan provide many benefits for soil and plant health. Chitin is the second most abundant polymer on earth, after cellulose. It's a structural component of crustacean and insect exoskeletons as well as fungi.

During 2023 we will introduce Chitosan products and collaborate with partners on applications that provide cost-saving benefits for growers.

Through process improvements, we have increased the soluble fraction of Calcium. So we will guarantee calcium on our new labels in 2023.

Crop Input Financing

You can now finance your purchases of Pacific Gro for the next season., with First Mid Bank.

- All Pacific Gro inputs, at the farm delivered price
- Prime rate + 0.5%, plus a 0.5% application fee
- Repayable at any time until Dec. 15, 2022, with no pre-payment penalty,
- Simple application with minimal paperwork up to \$150,000. Greater amounts are available with additional documentation.

Available now: Producers should get a quote from their dealer and apply directly with First Mid Bank. Some details and the application forms are available at our website, and also at www.firstmid.com/pacificgro/