



Agricultural Solutions

PreBiotech™

**Manufactured by/for:
Agricultural Solutions, LLC
P.O. Box Box 1003
Durant, FL 33530**

PreBiotech is comprised of 100% crab and/or lobster shell with no other chemicals or ingredients added. The shell is obtained from crab and lobster that are harvested by local fishermen and delivered fresh to commercial regional shellfish processors, where the meat is handpicked from the cooked and chilled shell. The discarded shell is collected and brought to a facility to be heat pasteurized, dried, crushed into a coarse meal, further micronized to create smaller particles and screened multiple times. This unique micronization process consists of repeated pulverizing and screening of the shell under low temperature to reduce the average diameter of the solid particles. The finished product contains a minimum of 4% nitrogen, 4% phosphorus, 16% calcium, and 25% chitin. The exact calcium, chitin and nutrient content (N-P-K) will vary due to differences between crab and lobster species, the location of the fishery, and age of the shell. Crab and lobster routinely shed their shell in a process called molting. Thus, seasonal variation, through its influence on the molting cycle, will slightly influence the nutritional content of the shell.

A pictorial diagram of the entire manufacturing process is presented below.



The entire process is focused on the integrity of the product – no chemicals, additives, or preservatives are introduced into the process. The final product is 100% pure, dried crab and/or lobster shell. PreBiotech is free from GMO's, sewer sludge, and irradiation.