



INCREASE PROFITS & REDUCE COSTS WITH THE POWER OF PROBIOTICS



KEETON
INDUSTRIES
HATCHING MORE THAN JUST GOOD IDEAS

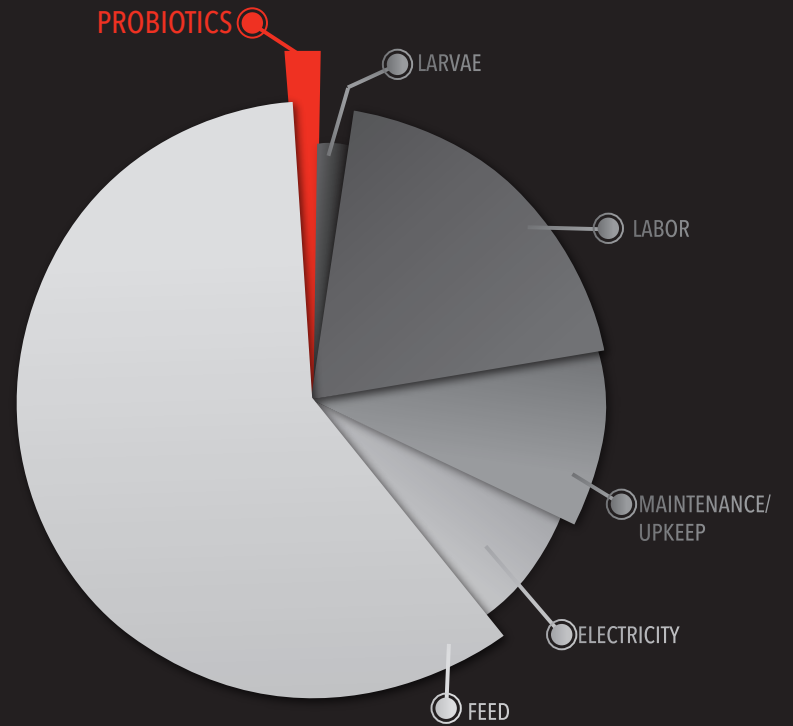
INCREASE SURVIVAL AND GROWTH

Farmers have experienced survival of up to 100% with increased growth rates between 10% and 35%.

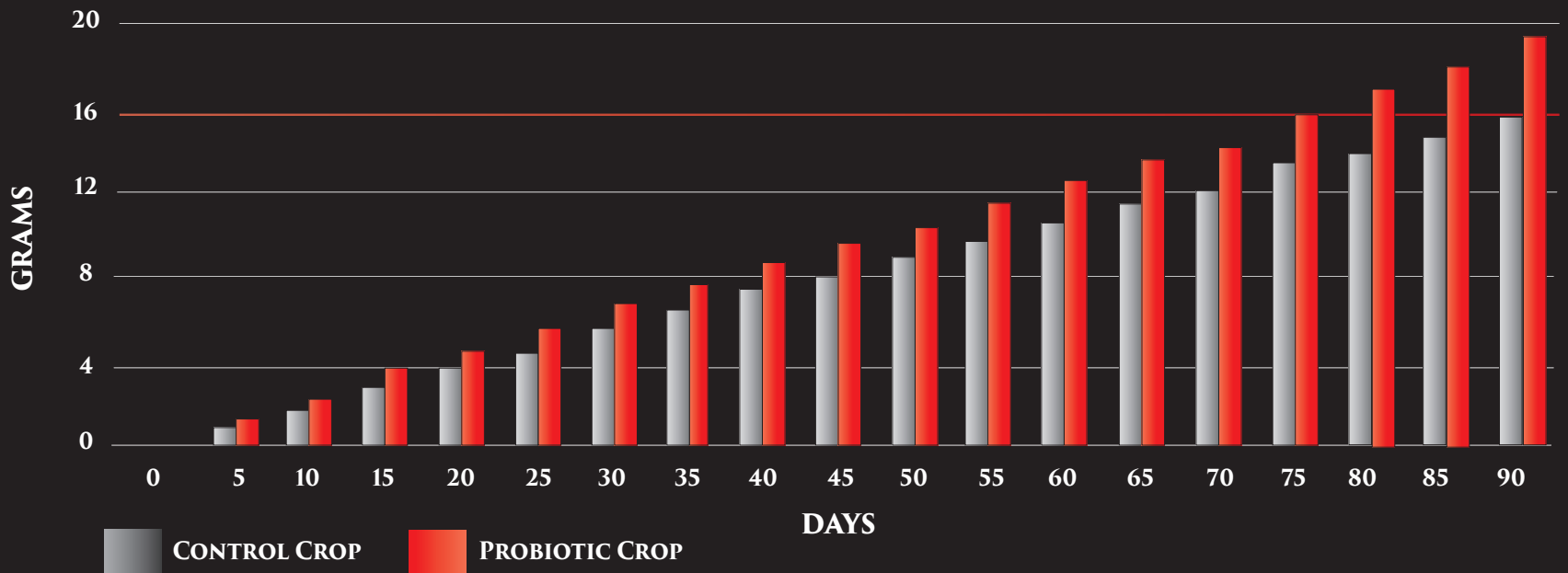
Probiotics are a fraction of total production costs. Using probiotics will reduce the cost of labor, feed and maintenance, while increasing overall growth and survival of the animals, which increases profits.

FACT:

Probiotics account for a small fraction of total production costs yet increase yield by 30% on average.



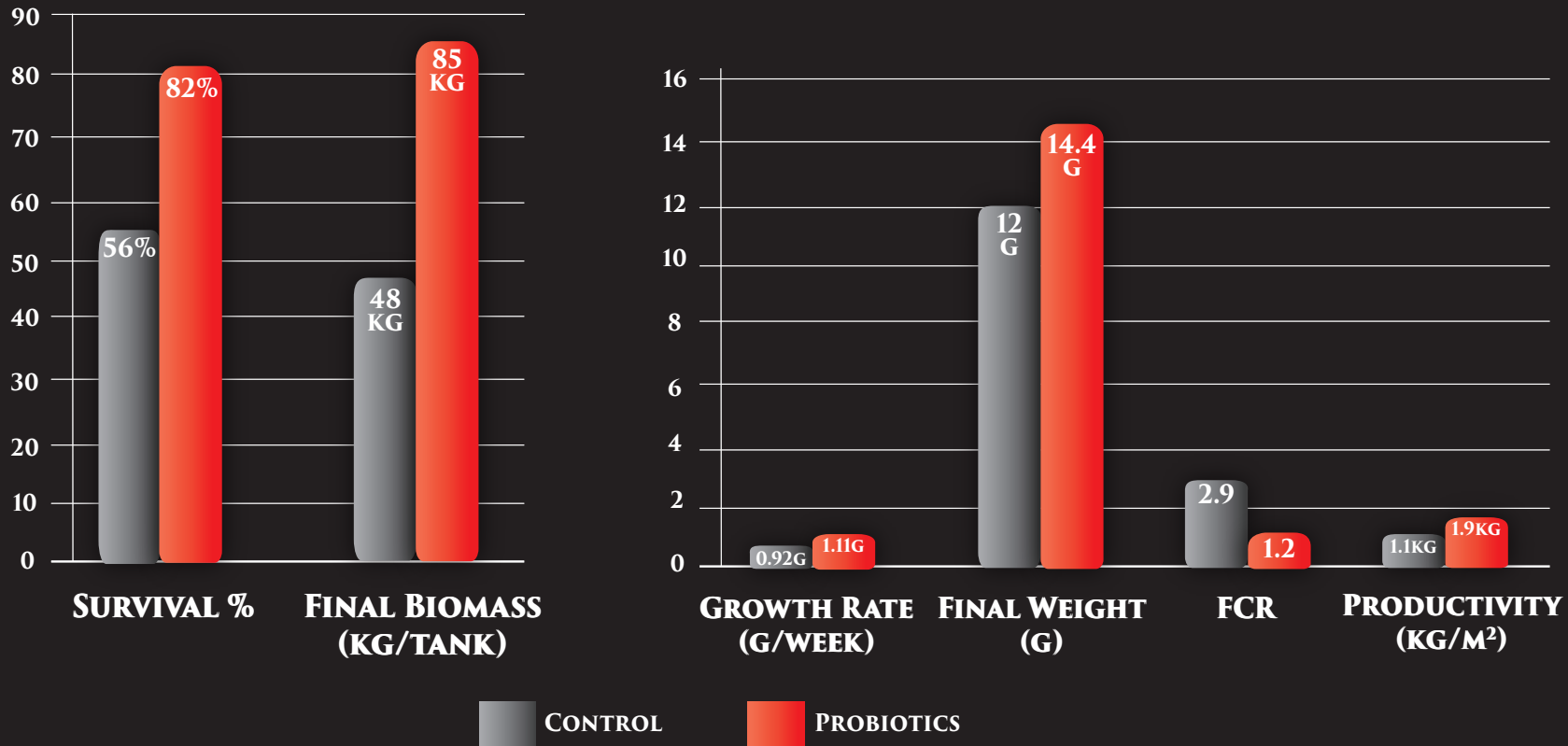
POWER OF PROBIOTICS



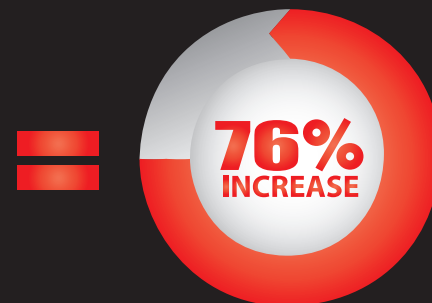
INCREASE YIELD AND PROFIT

Probiotics dramatically improve final harvest. Improved feed conversion means less food to produce more fish. Uneaten food is consumed by beneficial bacteria that are then eaten by fish. Your feedings become more efficient and more feed is converted to flesh, saving you money. Improved FCR means more profit.

FACT:
Probiotics reduce off flavor.



	GROSS INCOME PER/M ²	GROSS INCOME FARM TOTAL
PROBIOTICS	\$7.10	\$1,420,738.56
CONTROL	\$4.04	\$800,550.40



INCREASE HEALTH, IMMUNITY, AND WATER QUALITY

Probiotics consume organic waste and uneaten food before they begin to decay, preventing accumulation of harmful ammonia, nitrite, and nitrate that are difficult to remove, can be toxic, and can cause health problems.

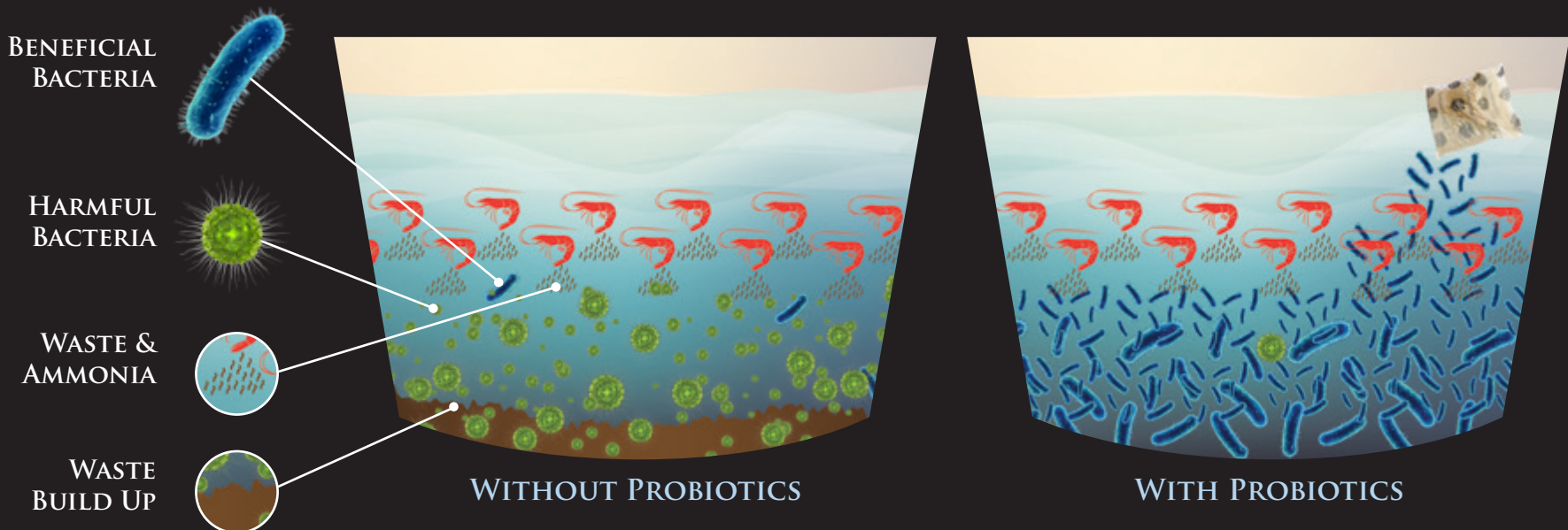
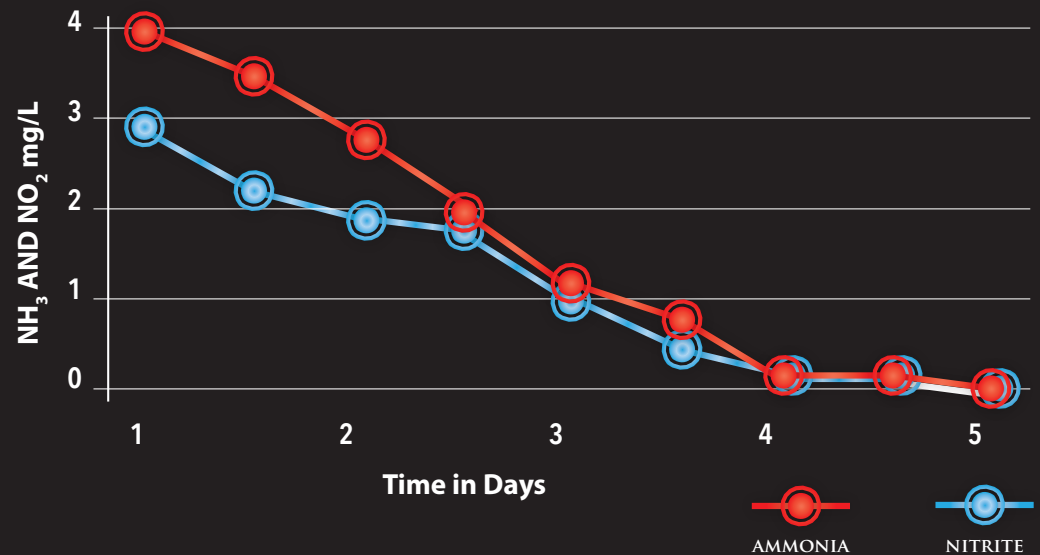
When probiotics are consumed by animals they stimulate immune response, produce inhibitory compounds toward pathogens, and compete directly with pathogens for nutrients and habitat.

Improved water quality reduces the need for water exchanges, increasing biosecurity.

FACT:

To be a good Fish or Shrimp Farmer, you have to be a good Bacteria Farmer.

AMMONIA AND NITRITE REDUCTION IN TILAPIA PONDS



BENEFICIAL BACTERIA VS. HARMFUL BACTERIA

Aquaculture ponds are constantly exposed to bacteria during growout. Using probiotics to manage your bacterial community with beneficial bacteria reduces exposure to opportunistic pathogens.

Gause's law of competitive exclusion states: Two species competing for the same resource cannot coexist at constant population values, if other ecological factors remain constant. One of the two competitors will always have an advantage over the other.

Probiotics outcompete pathogens for resources. Use probiotics to dominate your bacterial community and outcompete harmful organisms.

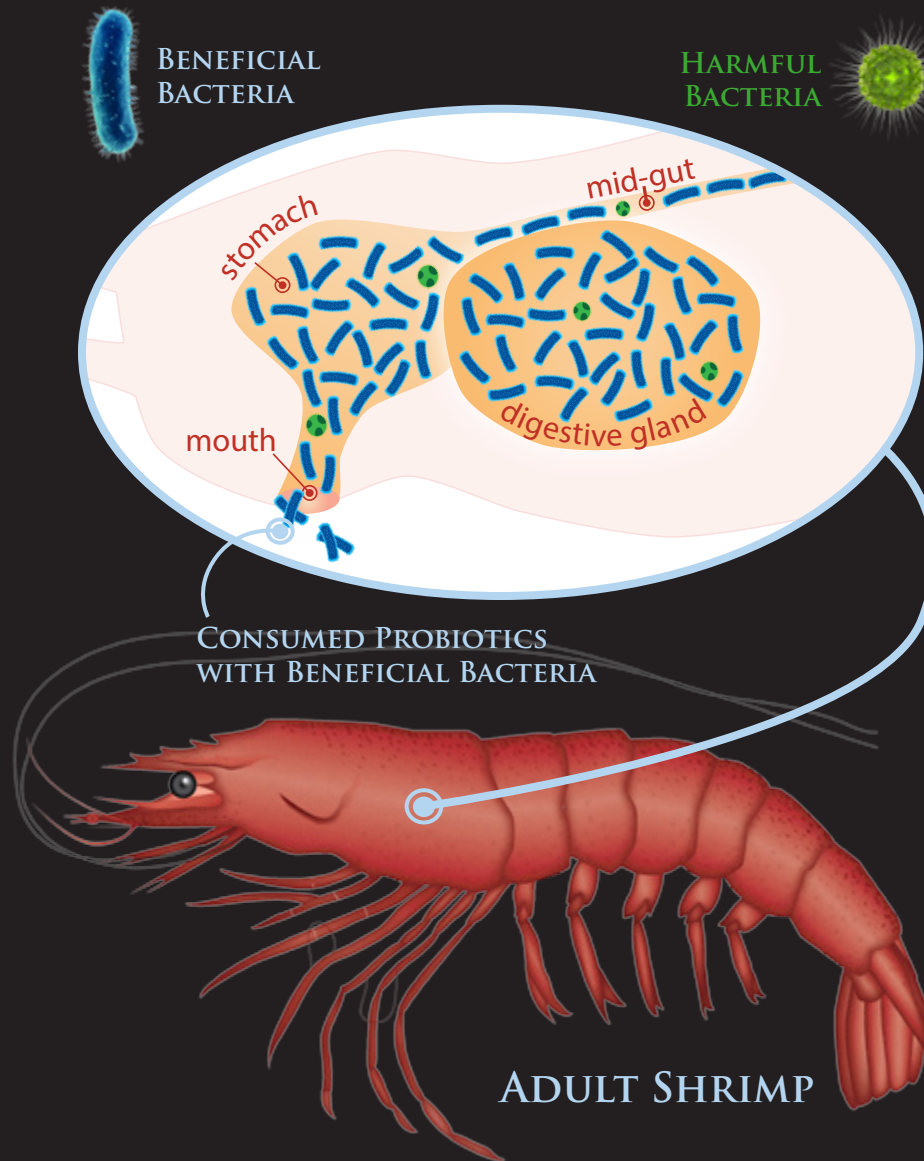
PROACTIVE VS. REACTIVE

Proactive, consistent application is less expensive than reactive treatment. Consistent application provides the most benefit at the lowest cost while addressing all facets of health. Reactive treatment requires more product to address the latest crisis.

FACT:

Using probiotics preventatively and consistently throughout the entire lifecycle ensures the best results at the least expense. Emergency, reactive treatment costs the same without all the benefits of consistent use.

COMPETITIVE EXCLUSION



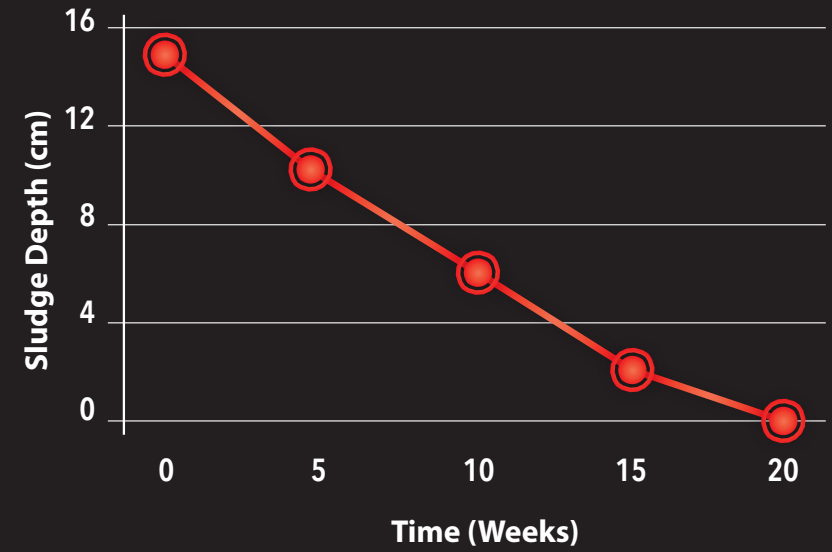
REDUCE SLUDGE AND ORGANIC DEBRIS

Probiotics consume sludge and organic debris converting them to bacterial biomass which becomes an additional protein rich food source, improving FCR. That means less sludge, better water quality, and bigger profits.

FACT:

Used as directed probiotics reduce sludge allowing ponds to be restocked immediately saving time and money between cycles.

SHRIMP POND SLUDGE REDUCTION



BEFORE PROBIOTICS



AFTER PROBIOTICS

ORGANIC WASTE

is reduced, which improves pond bottoms, reduces labor costs, and decreases pollution.

SHRIMP SHIELD™

SHRIMP PROBIOTICS

Developed specifically for use with shrimp and prawns. Designed to boost shrimp health, improve immunity, out compete pathogens including Vibrios and devour organic waste and sludge.



APPLICATION PROCEDURE:

Initial Dosage: Evenly distribute ShrimpShield™ over water surface. 1 Kg (4 bags) per Hectare every 5 days, for 10 days. Maintenance Dosage: 0.5 Kg (2 bags) per Hectare once every 5 days throughout the remaining growth cycle.

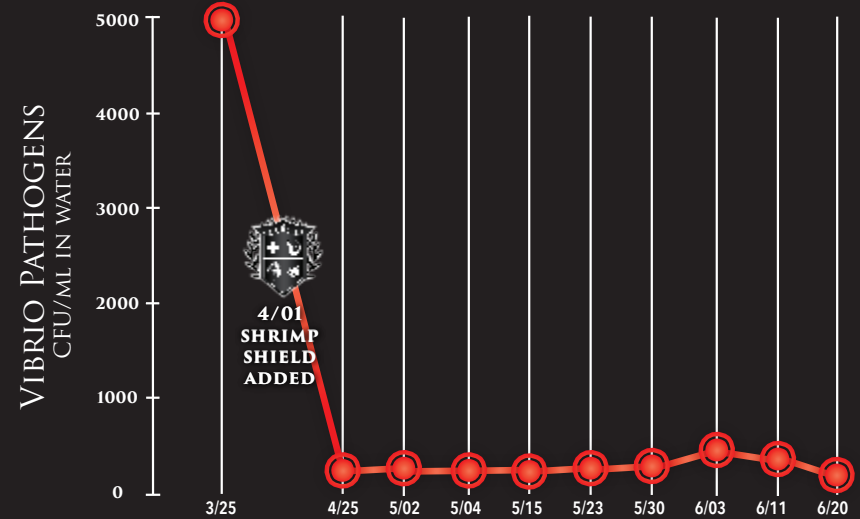
30 DAY TREATMENT CYCLE:

Day 1: 1 Kg (4 bags)	Day 15: 0.5 Kg (2 bags)
Day 5: 1 Kg (4 bags)	Day 20: 0.5 Kg (2 bags)
Day 10: 1 Kg (4 bags)	Day 25: 0.5 Kg (2 bags)
	Day 30: 0.5 Kg (2 bags)

HATCHERY, NURSERY & RACEWAY:

Apply 1 - 2 grams per ton of water every day throughout the growth cycle.

PATHOGENIC VIBRIO LEVELS
0.8 HA SHRIMP POND IN ECUADOR



PHYSICAL SPECIFICATIONS:

ShrimpShield™ is shipped in an 11 Kilo Bucket and stacked 96 buckets to a pallet. Each bucket is filled with 44, 250gram water soluble bags.

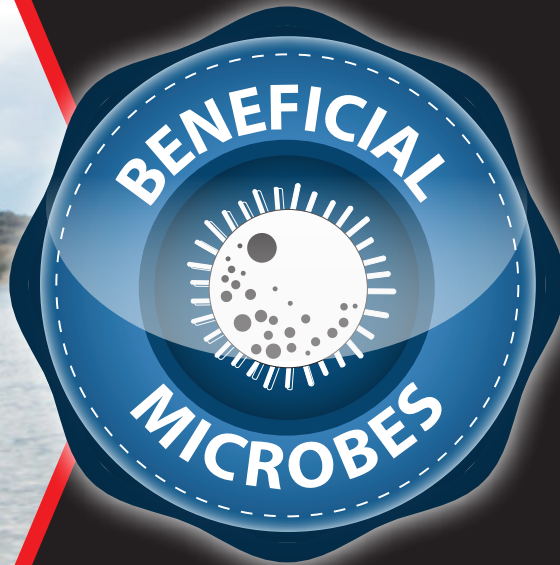
PRODUCT SPECIFICATIONS:

Bacterial Count	2.0 billion cfu/gm
Appearance.....	Tan, Granular
Odor	Yeast
pH.....	Neutral
Effective pH Range	5.8 to 10.5
Shelf Life.....	2 years
Effective Temp. Range.....	10° to 38°C (50° to 100°F)

Probiotics are the simplest, most cost effective way to improve your production and profits. With one easy to use product you can increase survival, increase growth, improve water quality, improve FCR, and increase yield. Around the world farmers are finding satisfaction and peace of mind growing big, healthy, animals fast and naturally.

Contact Keeton Industries today for more observed and reported advantages and benefits of Probiotics submitted by farmers around the world.

Experience the benefits of Probiotics for yourself. Try it in your operation today.



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1520 Aquatic Drive, Wellington, CO. 80549
keetonaqua.com 800.493.4831 970.568.7754

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