

## A POWERFUL TOOL FOR MANAGING FLOCK HEALTH AND PERFORMANCE

Prospero™ is an everyday natural water additive that stimulates appetite, enhances growth, strengthens immunity and reduces the effects of oxidative stress and viral challenges.



### HELPS OVERCOME STRESS RELATED TO:

- Ration Changes
- Heat Stress
- Necrotic Enteritis Outbreaks
- Disease Pressure
- Poor Appetite
- Common Bacterial Pathogens

### What's Inside:

#### RALCO® TECHNOLOGY

##### Patented Microfused Essential Oils®

Naturally promotes gut health and helps reduce pathogen load through broad spectrum antimicrobial activity. Outstanding antioxidant capacity results in less oxidative stress and more energy for production.

##### Actifibe® Prebiotic

Feeds beneficial bacteria in the gut to promote competitive exclusion and boost immune function allowing the bird to use energy for meat deposition, egg laying and reproduction.

### BENEFITS OF PROSPERO™

- **An economical and proven alternative** to conventional AGP programs.
- **Stimulates both water and feed consumption**, helping birds reach day of age weights faster.
- **Beneficial as an adjunct** to coccidiosis vaccination programs when used from day 1 through the life of the flock.
- **Synergized phenolic, terpene and aldehyde** modes of action combine to destroy bacterial cell walls, thus reducing pathogen loads for common bacterial pathogens of concern such as Clostridium perfringens, E. coli and others, without the risk of antimicrobial resistance.

# THE DIFFERENCE

Powered by **Ralco**® technologies, **ProsperEO**™ is a synergistically balanced blend of oreganum (oregano), thyme white and cinnamaldehyde essential oils with a proprietary prebiotic fiber.

POWERED BY



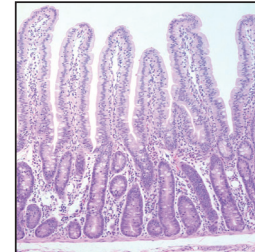
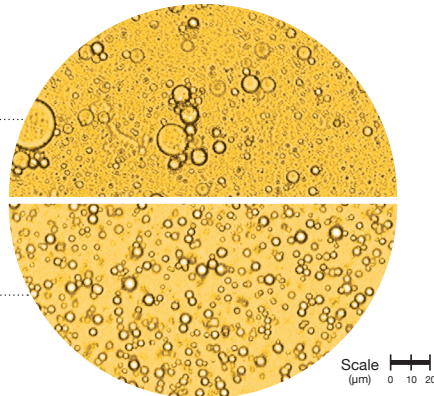
**ProsperEO**™ maintains its integrity due to microencapsulation of active ingredients within the oil droplets via our proprietary and patent pending microfusion process. **Microfused**® Essential Oils have smaller, more uniform droplets that stay stable over time and temperature. Protected droplets get where they are needed to facilitate and maintain intimate contact.

## Competitor Oil:

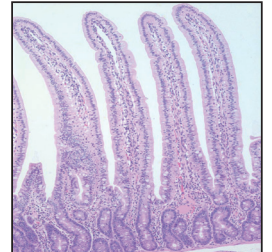
Larger oil droplets in competitive oil products coalesce and become unstable

## Microfused® Essential Oils:

20 times greater surface area; 100 drops per 1 drop of competitor



Control



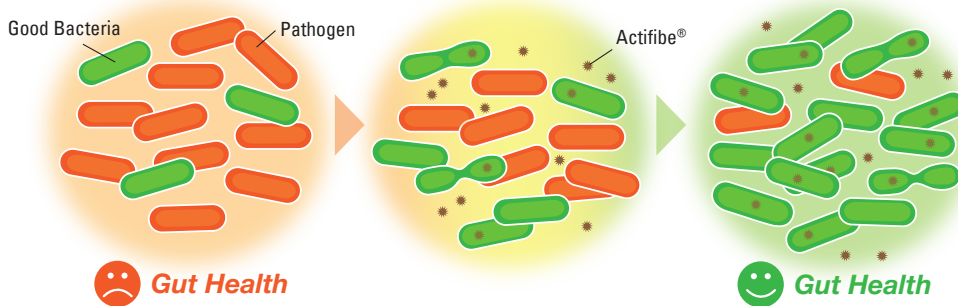
Microfused® Essential Oils

These micrographs demonstrate the increased strength of the villi, which directly contributes to greater nutrient absorption.

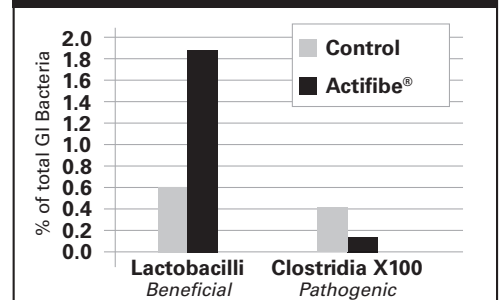
POWERED BY



Beneficial bacteria multiply when they feed on **Actifibe**® crowding out pathogens for improved health and performance.



## Actifibe® Preferentially Promotes Beneficial Bacteria



Research conducted by Purdue University



## DIRECTIONS FOR USE:

Use at a low level (1-3 oz.) continually to maintain gut health. During times of stress or disease challenge use at a higher level (3-5 oz.) on an “as needed” basis. Always read and follow label directions.

## FOR POULTRY:

Mix at the following rate with 1 gallon of water to make stock solution:

Broilers ..... 1-5 oz.  
Layers ..... 1-5 oz.  
Turkeys ..... 1-5 oz.

Meter 1 oz. of stock solution per gallon of drinking water (1:128).

## A POWERFUL TOOL FOR MANAGING FLOCK HEALTH AND PERFORMANCE

**Prospero™** is an everyday natural feed additive that stimulates appetite, enhances growth, strengthens immunity and reduces the effects of oxidative stress and viral challenges.



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### WHAT'S INSIDE:

#### STRONG ANIMALS® TECHNOLOGY

##### Microfused® Essential Oils

**PATENT-  
PENDING**

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# THE DIFFERENCE

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POWERED BY

PATENT PENDING



**STRONG ANIMALS®**  
TECHNOLOGY

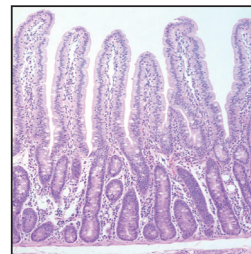
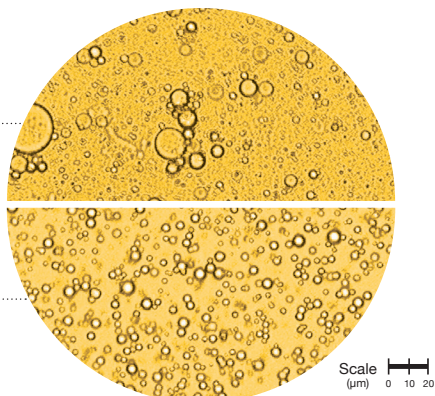
*Microfused® Essential Oils*

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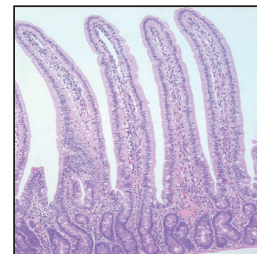
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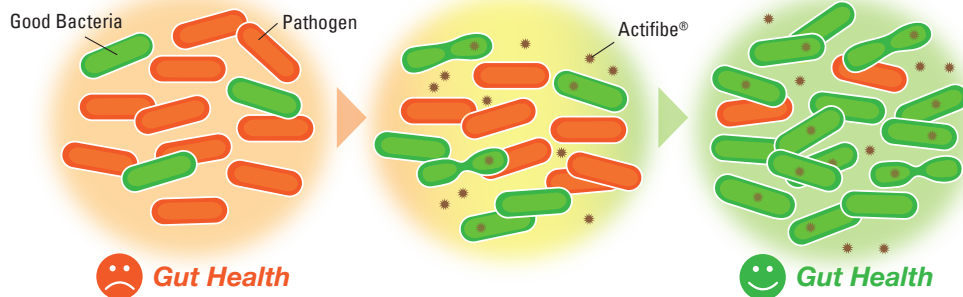
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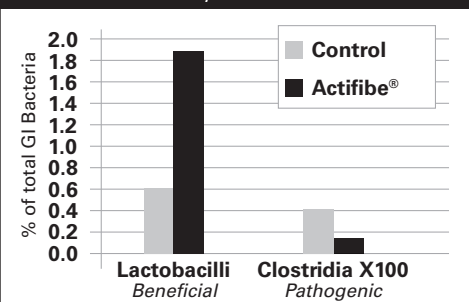
**STRONG ANIMALS®**  
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*Actifibe® Prebiotic*

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## Actifibe® Preferentially Promotes Beneficial Bacteria



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**NO VFD  
REQUIRED**

## DIRECTIONS FOR USE

Mix at the following rates per ton of feed:

Broilers: 0.6–1.0 lb.

Layers: 0.3–1.0 lb.

Turkeys: 0.3–1.0 lb.



A BRAND  
OF RALCO