

# PRODUCT LINE



# VodaAgroGen

ADVANCED MICROBIAL INTELLIGENCE

## Antibiotic Based Fuel Ethanol Fermentation

### **AgGenV** Virginiamycin (GRAS) By VodaAgroGen

Virginiamycin formulation designed to control contaminating bacteria by interfering with protein synthesis at the ribosomal level.

### **AgGenP** Penicillin G (GRAS) By VodaAgroGen

Single component antimicrobial designed to address problematic bacteria by inhibiting cell wall synthesis.

### **AgGenE** Erythromycin (GRAS) By VodaAgroGen

Single component antimicrobial containing Erythromycin. Erythromycin is effective against a broad spectrum of gram-positive bacteria that is not well controlled by Virginiamycin or Penicillin.

### **AgGenBlends** (GRAS) By VodaAgroGen

#### Customizable Formulations

- AgGen 70-30 (70% Virginiamycin/30% Penicillin)
- AgGen 50-50 (50% Virginiamycin /50% Penicillin)
- AgGen 30-70 (30% Virginiamycin/70% Penicillin)

Combination of antibiotics to inhibit a broad range of both gram-negative and gram-positive fermentation.

### **AgGenZX** By VodaAgroGen

Powerful macrolide fermentation antibiotic effective against both gram-positive and gram-negative bacteria via bacterial protein synthesis inhibition.

**Precision Microbial Control.  
Maximum Yield.**

## Front-End and Other Antimicrobials Hops Acid Formulations

### **AgGenAlpha** By VodaAgroGen

30% Alpha-Acid based, Hops Acid formulation designed for biofuel propagation/fermentation processes.

## Chlorine Dioxide

### **AgGenSSC** 15% Sodium Chlorite By VodaAgroGen

Antimicrobial solution designed for application at start of fermentation, utilizing the fermentation process to create low levels of chlorine dioxide for antimicrobial control.

## Technical Services

### VodaAgroGen employs both onsite and laboratory DNA analyses:

- Next Generation Sequencing (NGS) 16S/DNA bacteria combined with QPCR analyses specific to biofuel production
- DNA Analyses will provide specific bacteria type and quantity to propagation, fermentation and all front end processes

## Industry Exclusive Packaging



### Exclusive Dual Barrier Safety Packaging

- **Product Safety Packaging – Industry First to protect personnel**
- **Water soluble sachet enclosed in protective foil**

**Note:** Antibiotic Packaging: 0.5 lb or 1 lb. water soluble packaging in 25kg fiber drums.

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**Maximum Yield.**

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