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A Winning Portfolio

PARTNERSHIPS, ACQUISITIONS & TECHNOLOGY

Organic Growth

IMPACT^Z
Herbicide

OXIMUS[®]
FUNGICIDE

PREMION[™]

IMPACT[®]
HERBICIDE **CORE[®]**

Sinate[®]
HERBICIDE

Acquisitions

Abba[®]
ULTRA[®]

PARAZONE[®]
SSA Herbicide

EQUUS[®]
720 SST Fungicide

Assure[®] II

SCEPTER[®]
70 DG herbicide

Classic[™]
HERBICIDE

FirstRate[®]
HERBICIDE

Hornet[®]
Herbicide

Python[®]
Herbicide

Biologicals

Biotor[®] LABS

bi-pa

ENVANCE[™]
TECHNOLOGIES
An American Vanguard Company

TYRATECH[®]
An American Vanguard Company

Greenplants[®]
LEADING FORWARD
An American Vanguard Company

iNvigorate[®]
0-0-0.5

B Sure[®]
0.5-0-0.5

Licensing Technology

IMPACT[®]
Herbicide

ACROPOLIS[™]
Fungicide

NAVIGATOR[®] NY
Insecticide

Force[®] 10G HL

Precision Application

SIMPAS[®]

SmartBox[®]

LOCK'NLOAD[®]

Recent Acquisitions

- Smartweed. Velvetleaf. Lambsquarters. Nutsedge. Morningglory.



- Cotton, sugarcane, and transplanted tomatoes for control of certain broadleaf weeds, sedge, and grass weeds delivering effective control of many troublesome weed species, including many of those missed by glyphosate.





Quizalofop-P-ethyl

New Uses added to our label.

- **Pome fruit - apple, pear, and others**
- **Stone fruit - peach, cherry, grape, plum**
- **Oil seeds - field pennycress, *Brassica carinata* and other oil seed crop group expansions**
 - **Sunflower (20A)**
 - **Cottonseed (20C)**
- Grass control, especially Quackgrass (*Agropyron repens*)
- Registration of these crops is delayed NY State

Active IR-4 Projects

- FLUMETSULAM/CLOVER/PR#13062
 - Started in 2021 – EPA submission in 2023
- QUIZALOFOP/HEMP/PR# 13017
 - Started in 2021 – EPA submission in 2023
- TRIFLOXYSULFURON/STRAWBERRY/PR# 12500
 - Pending Submission
- “ME TOO” on other projects/products.
 - ABAMECTIN, BIFENTHRIN, PARAQUAT



ECOZIN[®]
PLUS 1.2% ME

BOTANICAL INSECTICIDE, REPELLANT,
INSECT GROWTH REGULATOR AND NEMATICIDE

- Formulation of Azadirachtin
- IS 00388 Nematode control in Strawberry

 **Abba**
ULTRA[®]
Miticide/Insecticide

 **Assure**[®] II
HERBICIDE

 **Stifle**[™] WP
MITICIDE

- For Hemp Product Performance Studies

ECOZIN[®]
PLUS 1.2% ME
BOTANICAL INSECTICIDE, REPELLANT,
INSECT GROWTH REGULATOR AND NEMATICIDE

 **Abba**
ULTRA[®]
Miticide/Insecticide

- CA Lettuce growers in need of Western Flower Thrips control product(s)?

***Trichoderma atroviride* strain SC1**

- Biological fungicide, Registered in the U.S. EPA.
- Will be distributed by AMVAC
- Shown to protect against a broad spectrum of fungal canker pathogens that may infect plants during pruning.
- Label is pending in California for use on Almonds

VintecTM
Fungicide

Vintec is a trademark of





What is SmartBlock®

- Unique biopesticide solution, post-harvest treatment for controlling sprouting in potatoes
- Acts by destroying the rapidly-growing meristematic sprout tissue
- Registered in the US and Canada. Suitable for use for both fresh-pack and processing potatoes (for chips, French fries etc.)
- 3-decen-2-one is an α, β unsaturated aliphatic ketone. Approved as a direct food additive worldwide under CODEX
 - Occurs naturally in yoghurt, ham, mushrooms & spices

**Line of Zevo® Technology, will this extend to Specialty/row crops?
Consumer products, Naturally-inspired ingredients
make Zevo sprays the proven bug-killers they are.**



Biofertilizers

iNvigorate[®]

- Creates a highly productive microbial system in the soil. Promotes availability and absorption of nitrogen, phosphorous and other critical minerals to increase the level of bioavailable nutrients to the crop root system.

B Sure[®]

- Provides a source of time-released nitrogen that is highly bioavailable, and complements applied nitrogen, to enhance crop tolerance to environmental and physiological stresses.

UpLift[™]

- A fertility solution that increases crop productivity and supports soil health, contains organic, biologically extracted micronized chitin, amino acids, and other crucial plant nutrients



Smart Integrated Multi-product Prescriptive Application System

PRESCRIPTIVELY APPLY MULTIPLE PRODUCTS IN ONE PASS

One system for insecticides, fungicides, nematicides, bio-fertilizers and micronutrients

Dry and/or liquid products applied simultaneously (apply up to three products in-furrow in one pass)

Closed System Packaging: No Measuring or Mixing

Application Accuracy (+/- 1%) at VERY LOW rates

Return unused product and only pay for what is applied

Broadly licensed to allow application of products from many manufacturers





THANK YOU

