



#### Investor Presentation

September, 2022



### **Safe Harbor**

The Company, from time to time, may discuss forward-looking information. Except for the historical information contained in this release, all forward-looking statements are estimates by the Company's management and are subject to various risks and uncertainties that may cause results to differ from management's current expectations. Such factors include weather conditions, changes in regulatory policy and other risks as detailed from time-to-time in the Company's SEC reports and filings. All forward-looking statements, if any, in this release represent the Company's judgment as of the date of this release.



## **AVD Strategic Overview**

#### **Strong Core Business**

- Favorable Global Ag Sector Tailwinds
- New Product Innovation
- Expansion of Global Market Access
- Crop Diversification
- Enhanced Penetration in International Regions
- Comprehensive Domestic Manufacturing Capabilities

#### **Green Solutions Initiative**

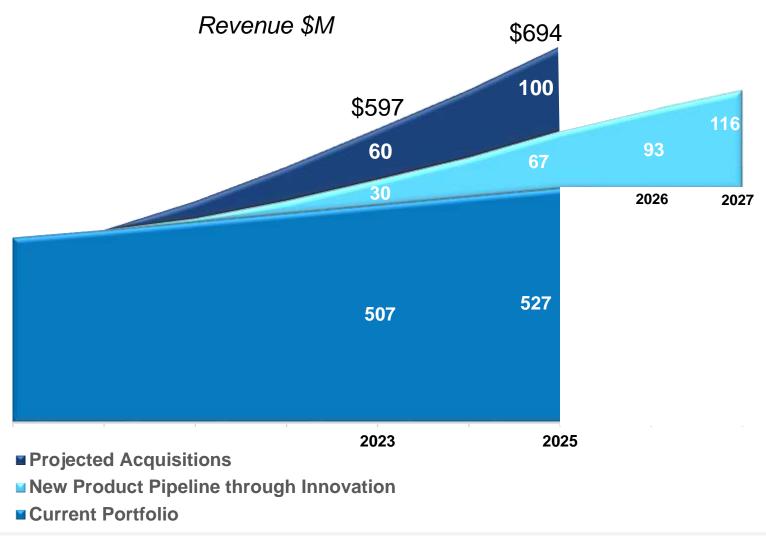
- Existing Portfolio of 120 Products
- Successful International Growth
- Active Product Development of Envance Technologies

#### **Precision Application Technologies**

- Commercialization of SIMPAS Prescription Application System
- Expansion of SIMPAS Applied Solutions Portfolio (Product Toolbox)
- Developing Multiple Applications for Ultimus Documentation Software



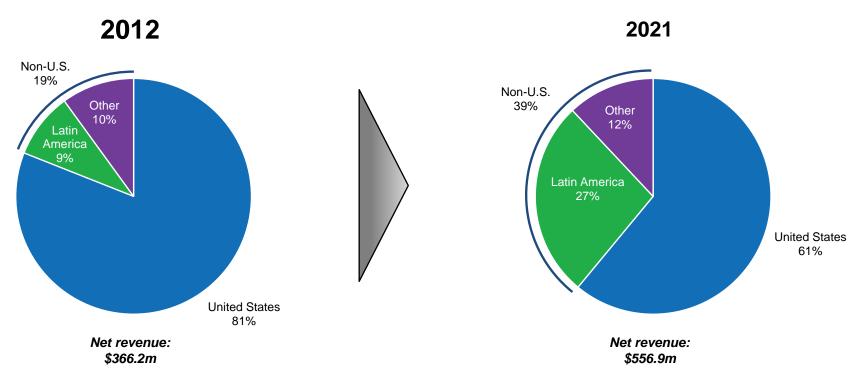
# Core New Product Pipeline Acquisitions





## More diverse geographic footprint enabling greater market access

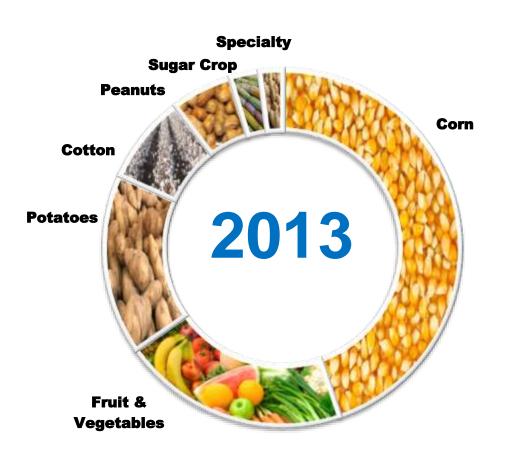
American Vanguard Geographic Positioning Over Time

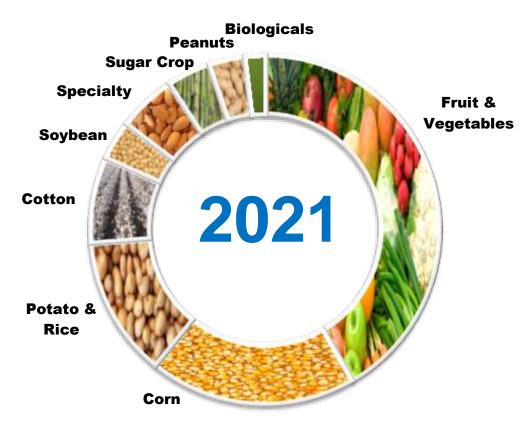


- Historical AVD footprint too levered to the US agricultural market and thus more exposed to specific regional trends
- Management sought to expand the geographic profile of AVD in order to:
  - Provide access to key regions in the context of the agricultural economy (e.g. Latin America)
  - · Mitigate against regulation in the US and increasingly unpredictable weather
  - Facilitate cross-selling of existing AVD products into new territories
- Recent acquisitions have provided a platform for further international expansion



## American Vanguard Crop Diversification (Creates Opportunities & Reduces Risks)







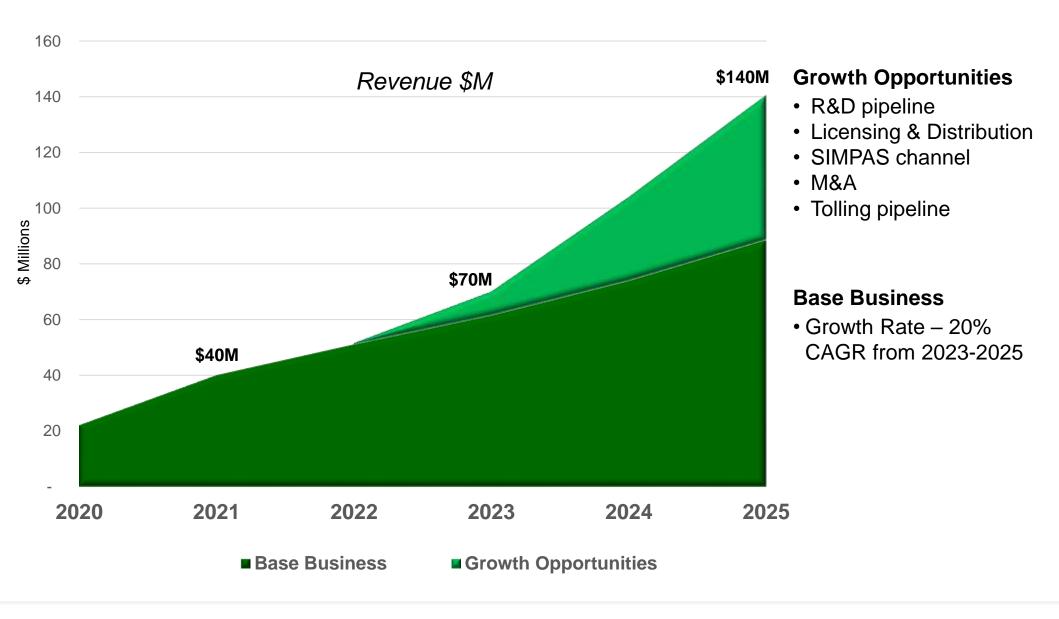
### Where Solutions are Made

AMVAC OWNED & OPERATED MANUFACTURING FACILITIES





## **Green Solutions Growth Plan**





## **Green Solutions AVD Markets 120+ Products**

#### **Biofertilizers (11)**

- Microbials to enhance nutrient uptake
- Nitrogen fixing bacteria
- Mobilizers of specific nutrients

#### **Biostimulants (28)**

- Seaweed extracts
- Microbials that aid in nutrient assimilation
- Organic acids, e.g. humic and fulvic acids

#### **Biopesticides (32)**

- Biochemical or Microbial
- Plant Extracts
- **PGR**
- Pheromones
- Bacteria

#### **Specialty Nutrition (35)**

- Essential minerals
- Trace elements

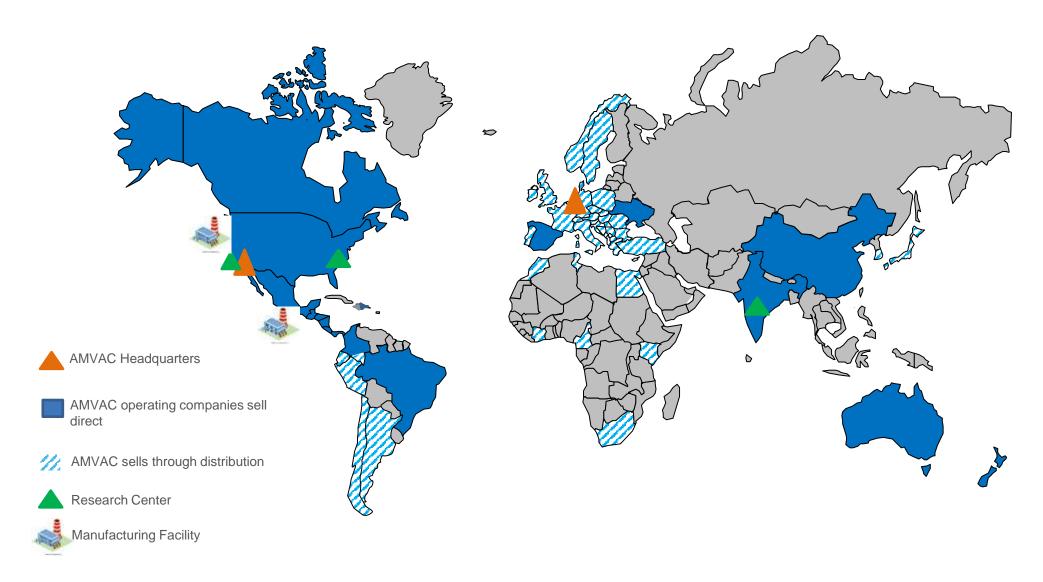
#### **Other (14)**

- Solar Protection
- Adjuvants





## **AMVAC Green Solutions Global Footprint**



### **Current and Future Market Focus**



\$30B+ Global Market Opportunity

#### **Prior Market Focus**

## Consumer Insect Control

- > Household
- > Repellents
- > Lawn & Garden
- > Outdoor living

#### Animal Health Insect/Parasite Control

- > Pet health
- > Production animals

#### **Current Market Focus**

### Professional Insect Control

- > T&O
- > Vector Control
- > PMP

## Agricultural Insect Control

- > Crop protection
- > Horticulture
- > Specialty crops





























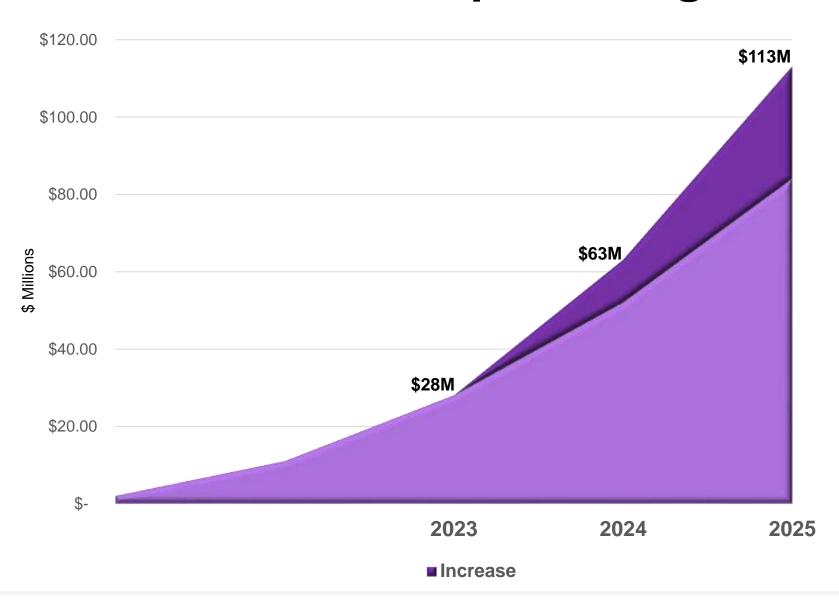








## SIMPAS: US Value Capture Target (4 Crops)





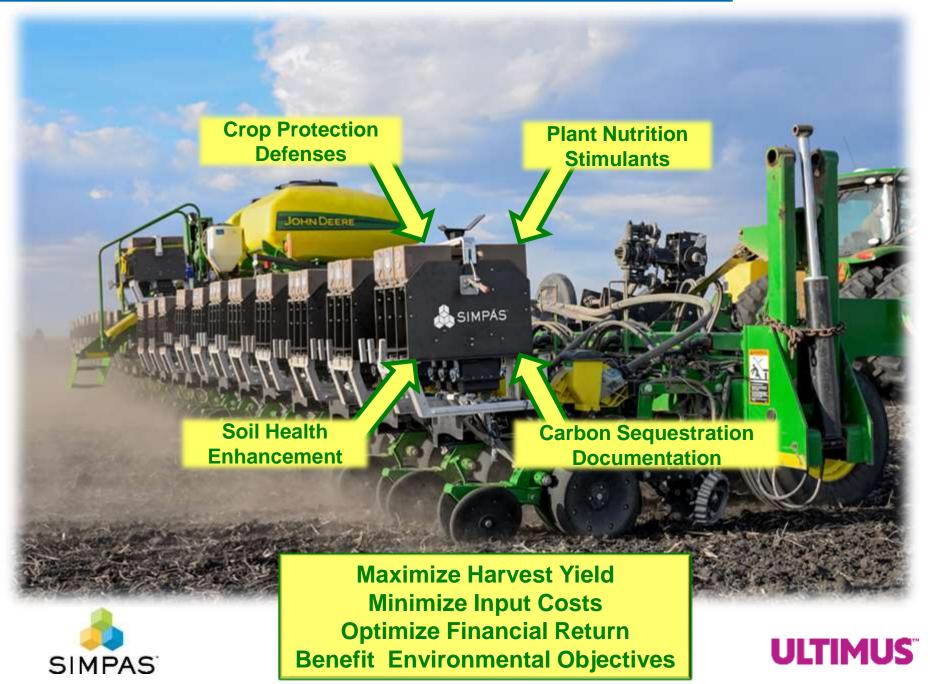
## **SIMPAS 2022**

81 New Systems in Use

Target 150-200 New Systems in Operation for 2023











## Earning Carbon Credits Just Got Easier

& Profitably Sustainable









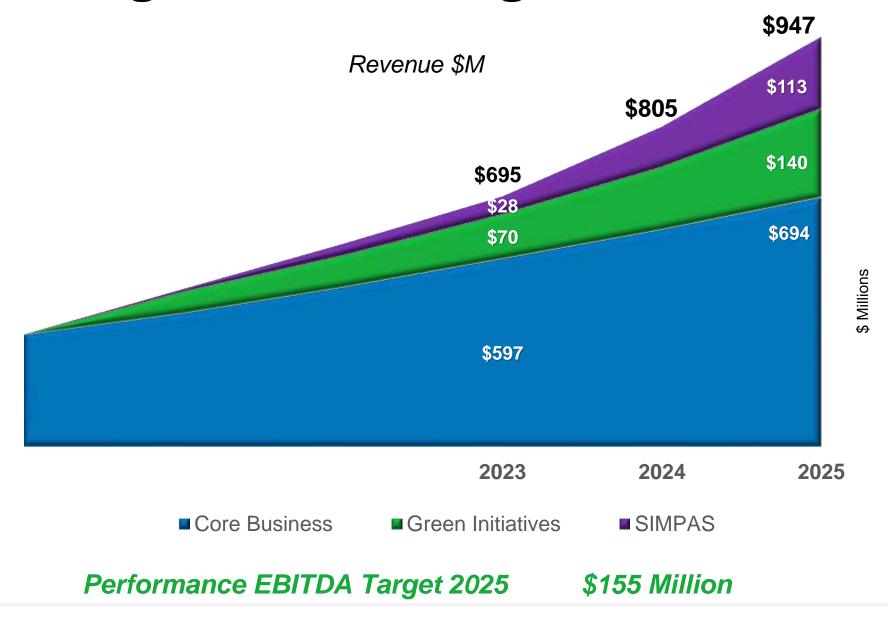
## SIMPAS-applied Solutions Portfolio Pipeline Candidate Crop View



		APPLIED SOLUTIONS	
Crop	2021	2022	2023
	Aztec <sup>®</sup> HC Counter <sup>®</sup> 20G Force <sup>®</sup> 10G HL Zinc	iNvigorate <sup>®</sup> Micronutrient Enhancer	Liquid fungicide N-fixing microbe PGR Nematicide Seed-attacking pest insecticide Force liquid INDEX® liquid
A TOPE	Zinc	iNvigorate Soybean inoculant IDC irongranular & Liquid Humic acid Pythium fungicide Micronutrient Enhancer Thimet®	Liquid fungicide N-fixing microbe Soybean cyst nematode PGR 3 <sup>rd</sup> party nematicide 2 MOA liquid fungicide
	Zinc	iNvigorate Humic Acid Thimet	Liquid fungicide N-fixing Microbe 3 <sup>rd</sup> party nematicide 2 MOA liquid fungicide
		iNvigorate Thimet	Liquid fungicide N-fixing microbe 3 <sup>rd</sup> party nematicide 2 MOA liquid fungicide



## **Strategic Growth Targets**





## **2022 Performance Target**

	1st Half
Revenue Growth8% - 11%	+19%
Gross Profit Margin 38-40%	41%
Operating Expenses OPEX as % of Sales (31-33%)	32%
Interest Expense Similar to 2021	\$1,170 vs \$1,959 (Down 40%)
Tax Rate Mid 20% Range (Expected Full Year)	30%
Debt-to-EBITDA Target <1.0X without Acquisitions <2.5X with Acquisitions	1.33X
Net Income 60 - 70% Increase	+104%
EBITDA*	+ 40%

<sup>\*</sup>Adjusted EBITDA includes earnings before interest, taxes, depreciation, amortization, non-cash stock compensation and proxy contest activities