



## ***3Q 2022 Earnings Presentation***

November, 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.

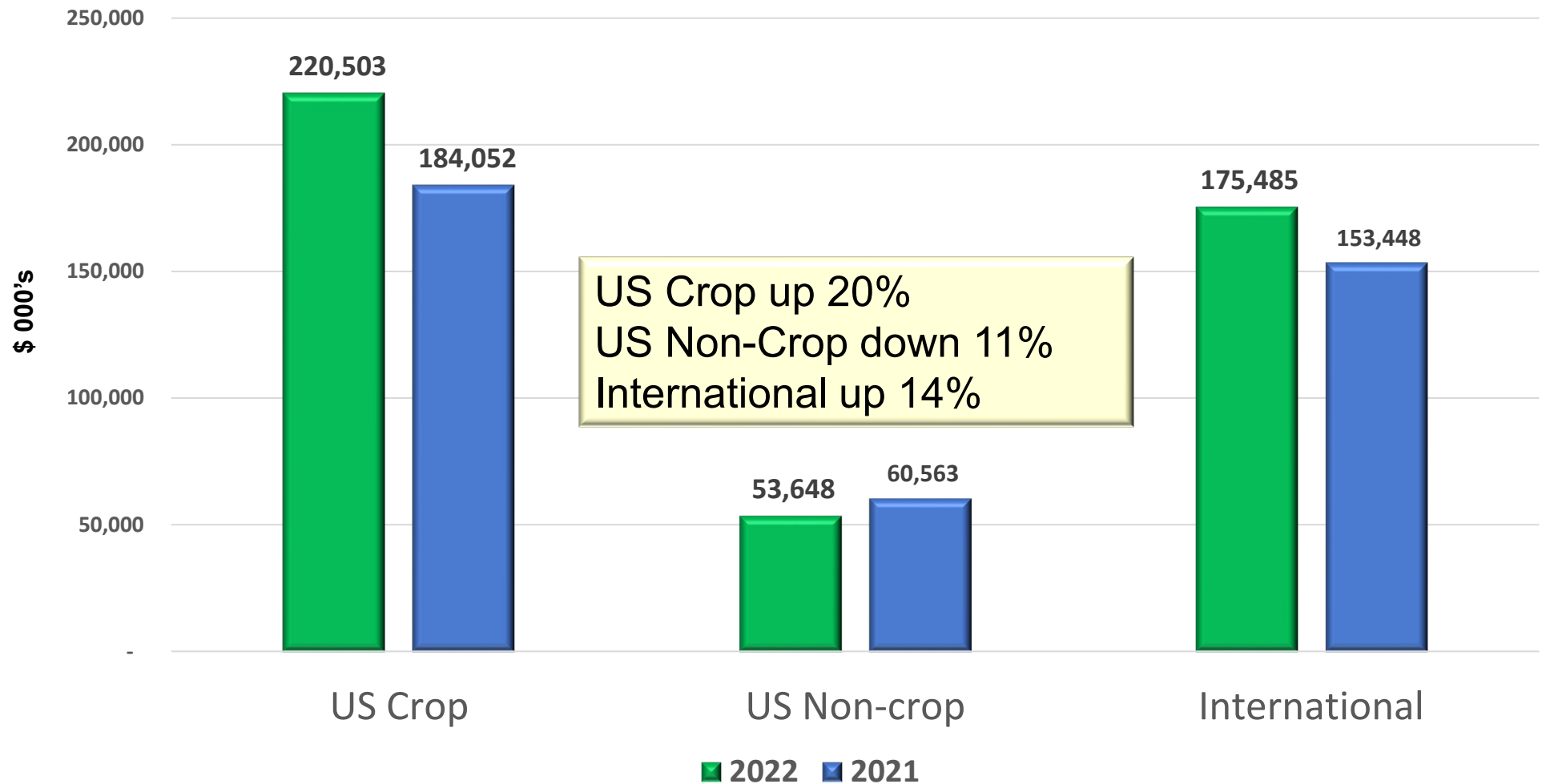
# Today's Agenda

- I. YTD Performance and Market Conditions
- II. Q42022 and FY2022 Outlook
- III. Financial Review
- IV. Multi-year Growth Targets
  - Core Business
  - Green Solutions
  - SIMPAS
  - Total Growth
- V. Questions

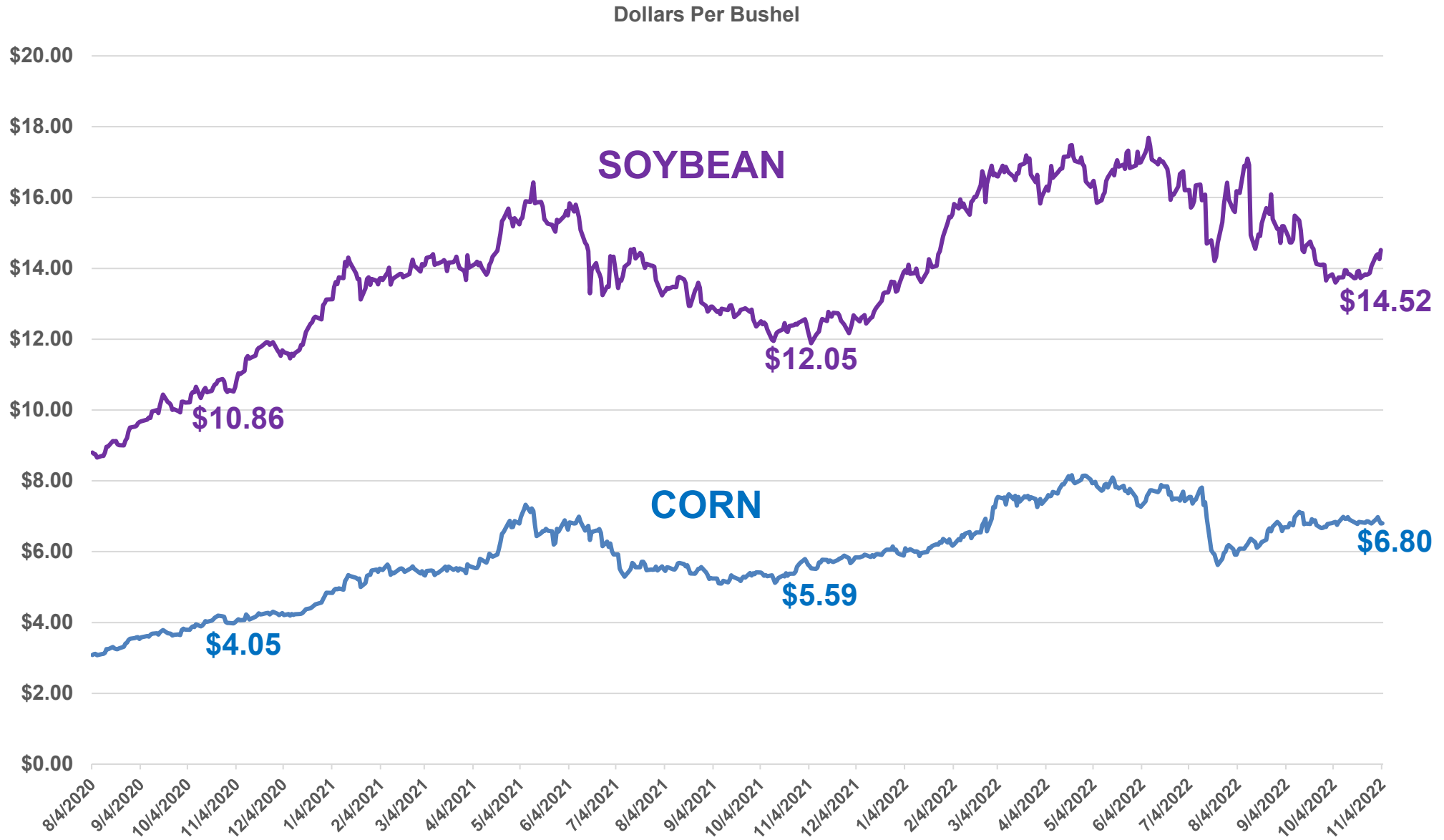
# YTD 2022 Sales (9 Month)

Overall YTD 2022 sales \$450m vs \$398m in 2021 (up 13%)  
International 39% of total in 2022 and 2021

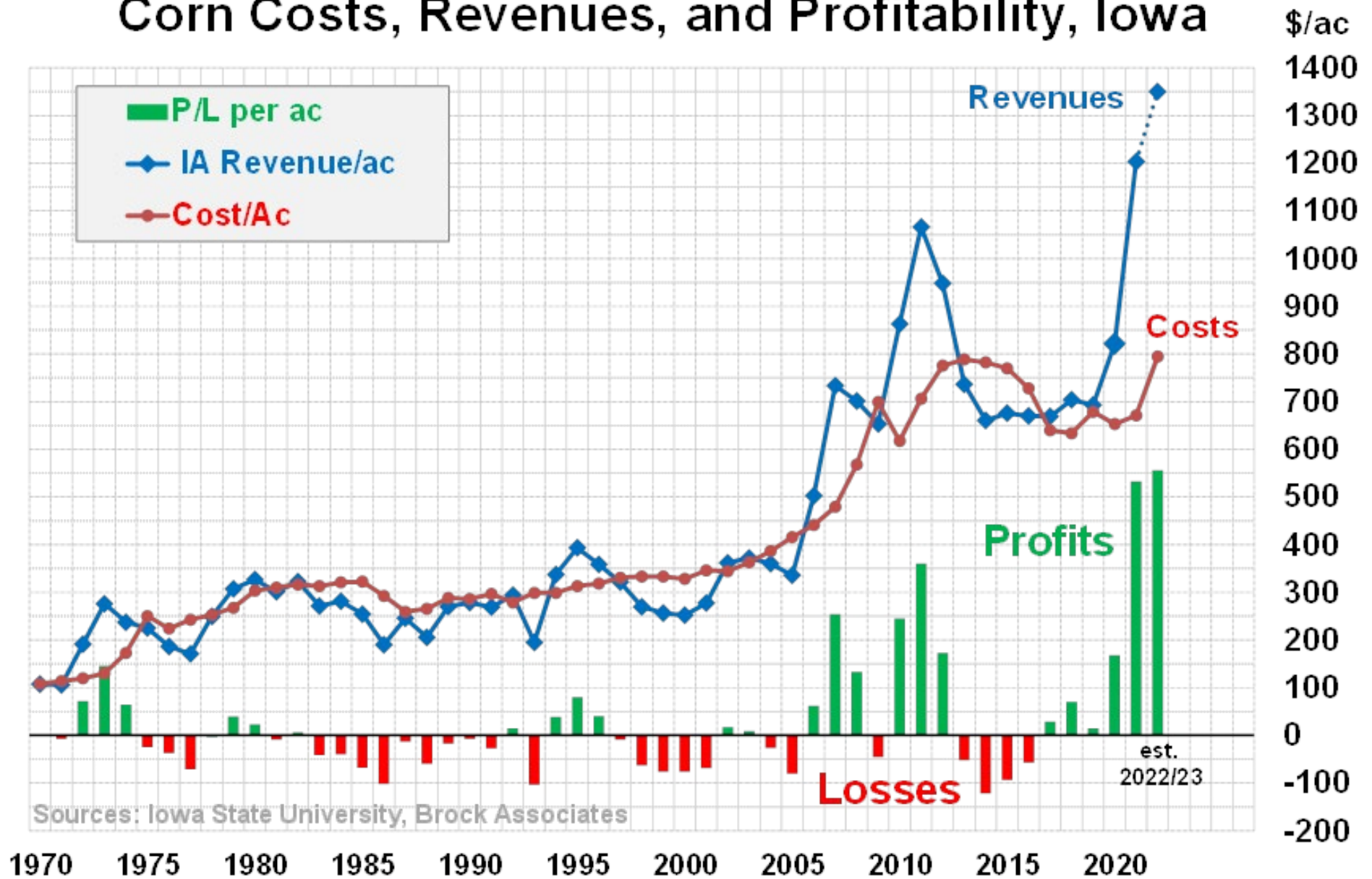
Net Sales, 9 months Ended September 30, 2022 & 2021



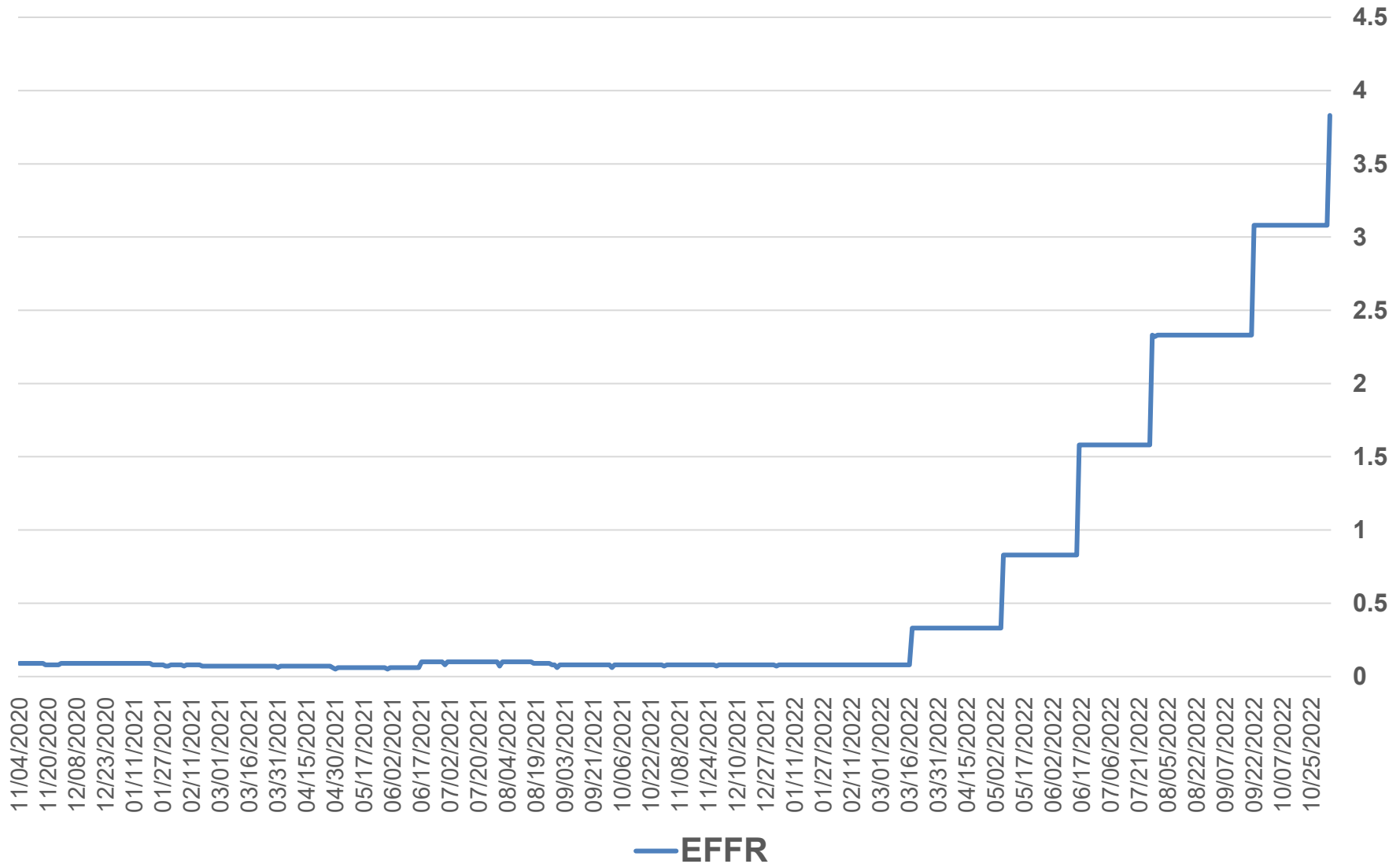
# Historical Corn & Soybean Price *(Last 3 years)*



# Corn Costs, Revenues, and Profitability, Iowa



# Effective Federal Funds Rate



# Where Solutions are Made

AMVAC OWNED & OPERATED MANUFACTURING FACILITIES

## CLACKAMUS, OR

Fermentation Plant



## MARSING, ID

Manufacturers Navigator, Oximus, Impact and AbbA Ultra



## LOS ANGELES, CA

Manufacturers K-PAM, VAPAM, Equus, Citrus Fix and Dibrom

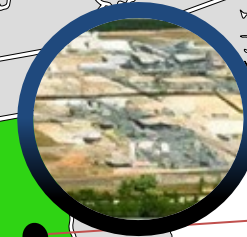


## SONORA, MX

Chitin Extraction Plant

## HANNIBAL, MO

Manufacturers Counter and Thimet



## AXIS, AL

Manufacturers Bidrin, Aztec, Folex and Mocap



# 2022 Performance Target

## 3Q 2022

|                               |                                                       |                                  |
|-------------------------------|-------------------------------------------------------|----------------------------------|
| Revenue Growth . . . . .      | 8% - 11%                                              | +13%                             |
| Gross Profit Margin . . . . . | 38-40%                                                | 41%                              |
| Operating Expenses . . . . .  | OPEX as % of Sales (31-33%)                           | 32%                              |
| Interest Expense . . . . .    | Similar to 2021                                       | \$2,256 vs \$2,921<br>(Down 23%) |
| Tax Rate . . . . .            | Mid 20% Range (Expected Full Year)                    | 30%                              |
| Debt-to-EBITDA Target . . .   | <1.0X without Acquisitions<br><2.5X with Acquisitions | 1.9X                             |
| <b>Net Income . . . . .</b>   | <b>60 - 70% Increase</b>                              | <b>+71%</b>                      |
| <b>EBITDA* . . . . .</b>      | <b>24-28% Increase</b>                                | <b>+30%</b>                      |

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

# Financial Review

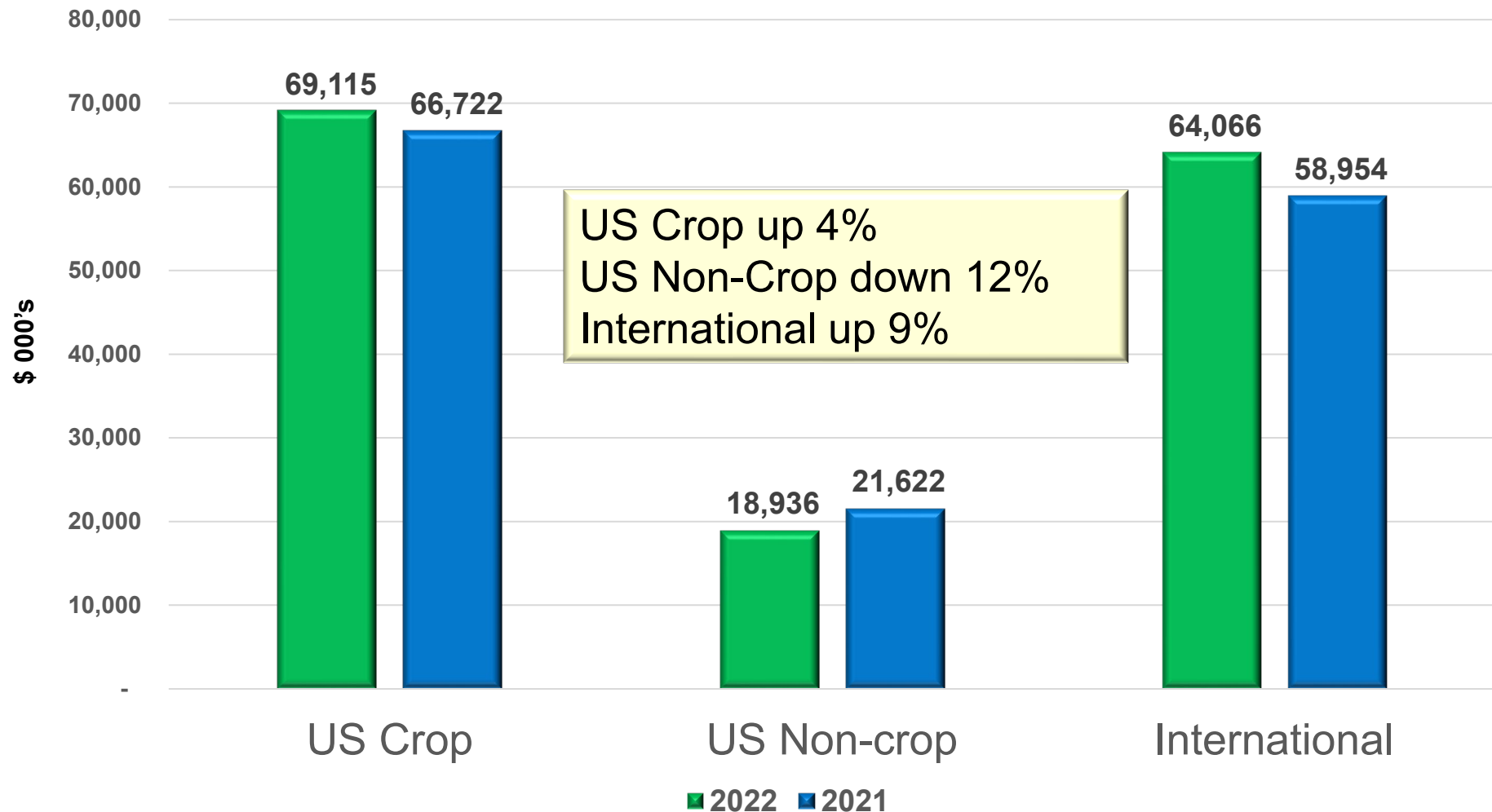


Mr. David Johnson    Chief Financial Officer

# Q3 2022 Sales

**Overall sales Q3 2022 \$152m vs \$147m in 2021 (up 3%)**  
**International 42% of total in 2022 vs 40% of total in 2021**

**Net Sales, 3 months Ended September 30, 2022 & 2021**

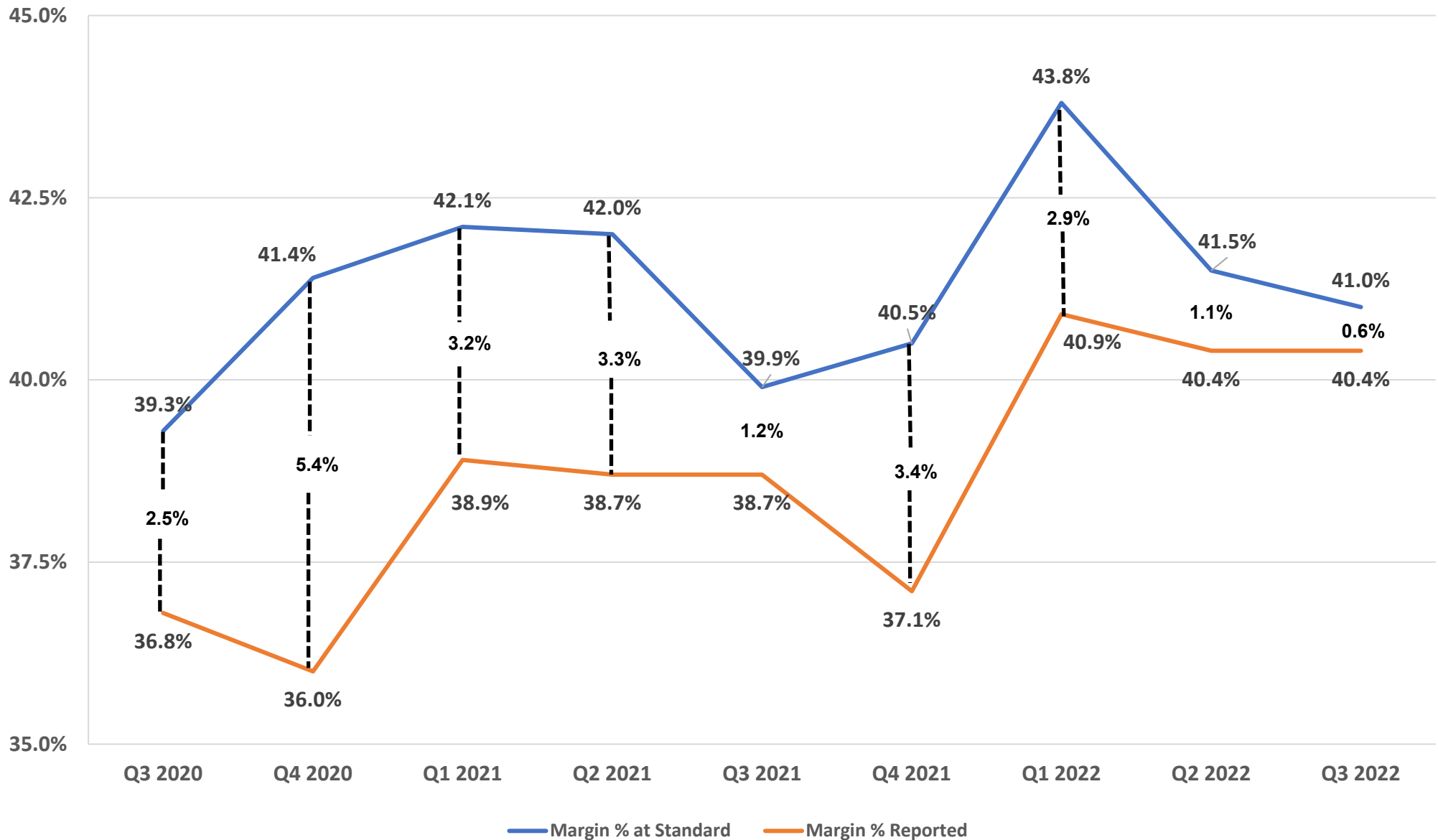


# Q3 2022 Gross Profit Performance

(\$000's)

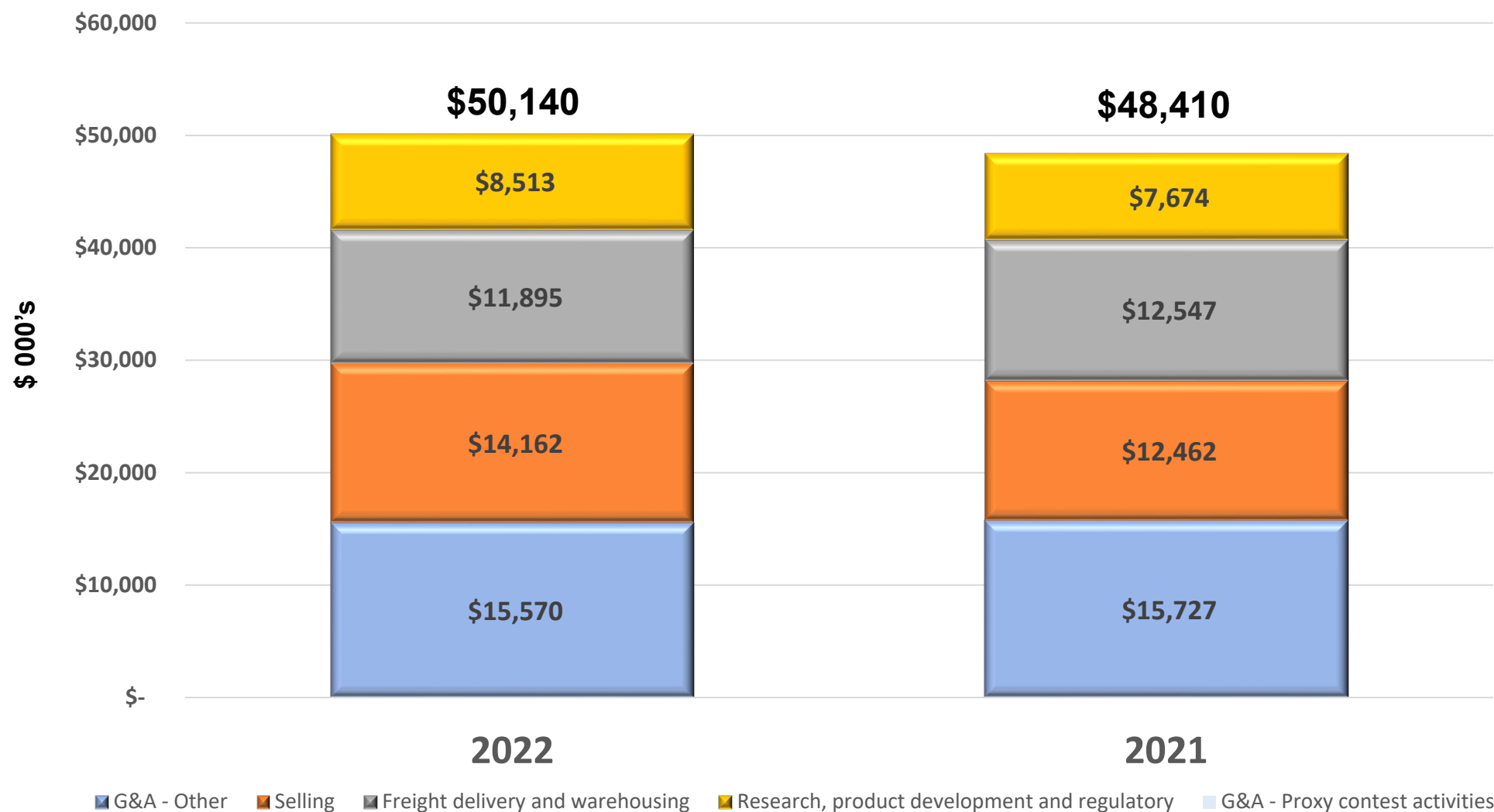
|                | 3-months Ended Sep 30, |               |            |
|----------------|------------------------|---------------|------------|
| Gross Profit   | 2022                   | 2021          | Change     |
| US Crop        | 34,502                 | 30,237        | 14%        |
| US Non-crop    | 8,811                  | 8,882         | -1%        |
| <b>US</b>      | <b>43,313</b>          | <b>39,119</b> | <b>11%</b> |
| International  | 18,071                 | 17,945        | 1%         |
| <b>Total</b>   | <b>61,384</b>          | <b>57,064</b> | <b>8%</b>  |
|                |                        |               |            |
| Gross Margin % | 2022                   | 2021          |            |
| US Crop        | 50%                    | 45%           |            |
| US Non-crop    | 47%                    | 41%           |            |
| <b>US</b>      | <b>49%</b>             | <b>44%</b>    |            |
| International  | 28%                    | 30%           |            |
| <b>Total</b>   | <b>40%</b>             | <b>39%</b>    |            |

# Standard vs. Reported Margin



# Q3 2022 Operating Expenses

Operating expenses are 33% of sales in 2022 and 2021



# Q3 2022 Statements of Operations, 3 months

\$ 000's

|                                    | 3 months Ended Sep 30, |                |                |            |
|------------------------------------|------------------------|----------------|----------------|------------|
| Statements of Operations           | 2022                   | 2021           | Change         | Change     |
| Net Sales                          | \$152,117              | \$147,298      | \$4,819        | 3%         |
| <b>Gross profit</b>                | <b>61,384</b>          | <b>57,064</b>  | <b>4,320</b>   | <b>8%</b>  |
| Operating costs                    | (50,140)               | (48,410)       | (1,730)        |            |
| Bargain purchase gain              | -                      | 292            | (292)          |            |
| <b>Operating Income</b>            | <b>11,244</b>          | <b>8,946</b>   | <b>2,298</b>   | <b>26%</b> |
| Equity investment MTM              | (454)                  | (668)          | 214            |            |
| Interest Expense                   | (1,086)                | (962)          | (124)          |            |
| <b>Income before Tax</b>           | <b>9,704</b>           | <b>7,316</b>   | <b>2,388</b>   | <b>33%</b> |
| Tax                                | (2,963)                | (1,517)        | (1,446)        |            |
| <b>Income before equity method</b> | <b>6,741</b>           | <b>5,799</b>   | <b>942</b>     | <b>16%</b> |
| Equity method investment           | -                      | (301)          | 301            |            |
| <b>Net income for AVD</b>          | <b>\$6,741</b>         | <b>\$5,498</b> | <b>\$1,243</b> | <b>23%</b> |
| Diluted shares                     | 29,805                 | 30,390         | -2%            |            |
| EPS                                | \$0.23                 | \$0.18         | 25%            |            |

# Q3 2022 Statements of Operations, 9 months

\$ 000's

|                                    | 9 months Ended Sep 30, |                 |                |            |
|------------------------------------|------------------------|-----------------|----------------|------------|
| Statements of Operations           | 2022                   | 2021            | Change         | Change     |
| Net Sales                          | \$449,636              | \$398,063       | \$51,573       | 13%        |
| <b>Gross profit</b>                | <b>182,356</b>         | <b>154,334</b>  | <b>28,022</b>  | <b>18%</b> |
| Operating costs                    | (145,550)              | (132,934)       | (12,616)       |            |
| Bargain purchase gain              | -                      | 171             | (171)          |            |
| <b>Operating Income</b>            | <b>36,806</b>          | <b>21,571</b>   | <b>15,235</b>  | <b>71%</b> |
| Equity investment MTM              | (857)                  | 103             | (960)          |            |
| Other income                       | -                      | 672             | (672)          |            |
| Interest Expense                   | (2,256)                | (2,921)         | 665            |            |
| <b>Income before Tax</b>           | <b>33,693</b>          | <b>19,425</b>   | <b>14,268</b>  | <b>73%</b> |
| Tax                                | (10,187)               | (5,324)         | (4,863)        |            |
| <b>Income before equity method</b> | <b>23,506</b>          | <b>14,101</b>   | <b>9,405</b>   | <b>67%</b> |
| Equity method investment           | -                      | (388)           | 388            |            |
| <b>Net income for AVD</b>          | <b>\$23,506</b>        | <b>\$13,713</b> | <b>\$9,793</b> | <b>71%</b> |
| Diluted shares                     | 30,128                 | 30,470          | -1%            |            |
| EPS                                | \$0.78                 | \$0.45          | 73%            |            |



# Capital Allocation Overview

## Strong Balance Sheet

### Strong Cash from Operations

\$41M TTM  
52% of adjusted EBITDA  
7% of revenues

### Target 1.0-2.5x Net Debt / Adjusted EBITDA

|                 |              |
|-----------------|--------------|
| Total Debt      | \$148        |
| Less: Cash      | 22           |
| <b>Net Debt</b> | <b>\$126</b> |

1.6x TTM Adjusted EBITDA

### Ample Liquidity

|                           |              |
|---------------------------|--------------|
| Cash                      | \$22         |
| Credit Facility Available | 121          |
| <b>Liquidity</b>          | <b>\$143</b> |

Credit facility availability is 3.5x of Bank  
Adjusted EBITDA = \$270M

**\*\*max limit is \$275M\*\***

## Capital Allocation

### Manage debt under the credit facility agreement to average 1.0-2.5x adjusted EBITDA through annual cycle

- Rolling 4 QTR average net Debt\*/Adjusted EBITDA = 1.0
- Allows implementation of strategy
- Minimize interest expense

### Pay regular/sustainable dividends

- Paying approximate 10% of net income

### Managing shares outstanding

- Returning capital to shareholder
- Re-purchased 1.5 million shares in YTD 2022

### Investing for the future

- SIMPAS/Ultimus technologies (Counter in Brazil)
- Expansion of Green Solutions (NewLeaf)
- Maintaining safe and capable factories

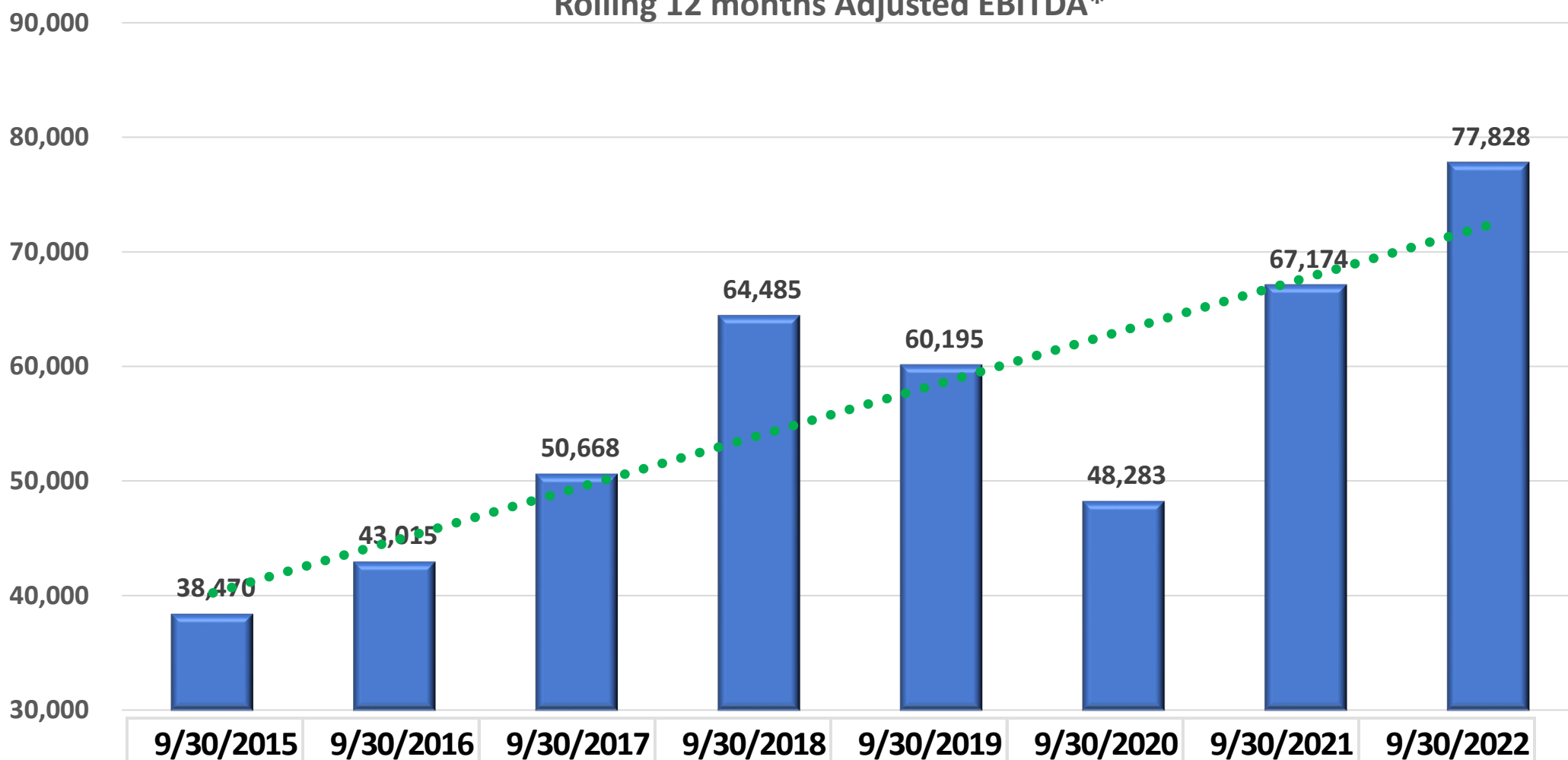
### Acquisitions

- Expand global market access
- Fill white space on our product portfolio
- Diversification of markets/products

\*net debt = debt less cash and cash equivalents

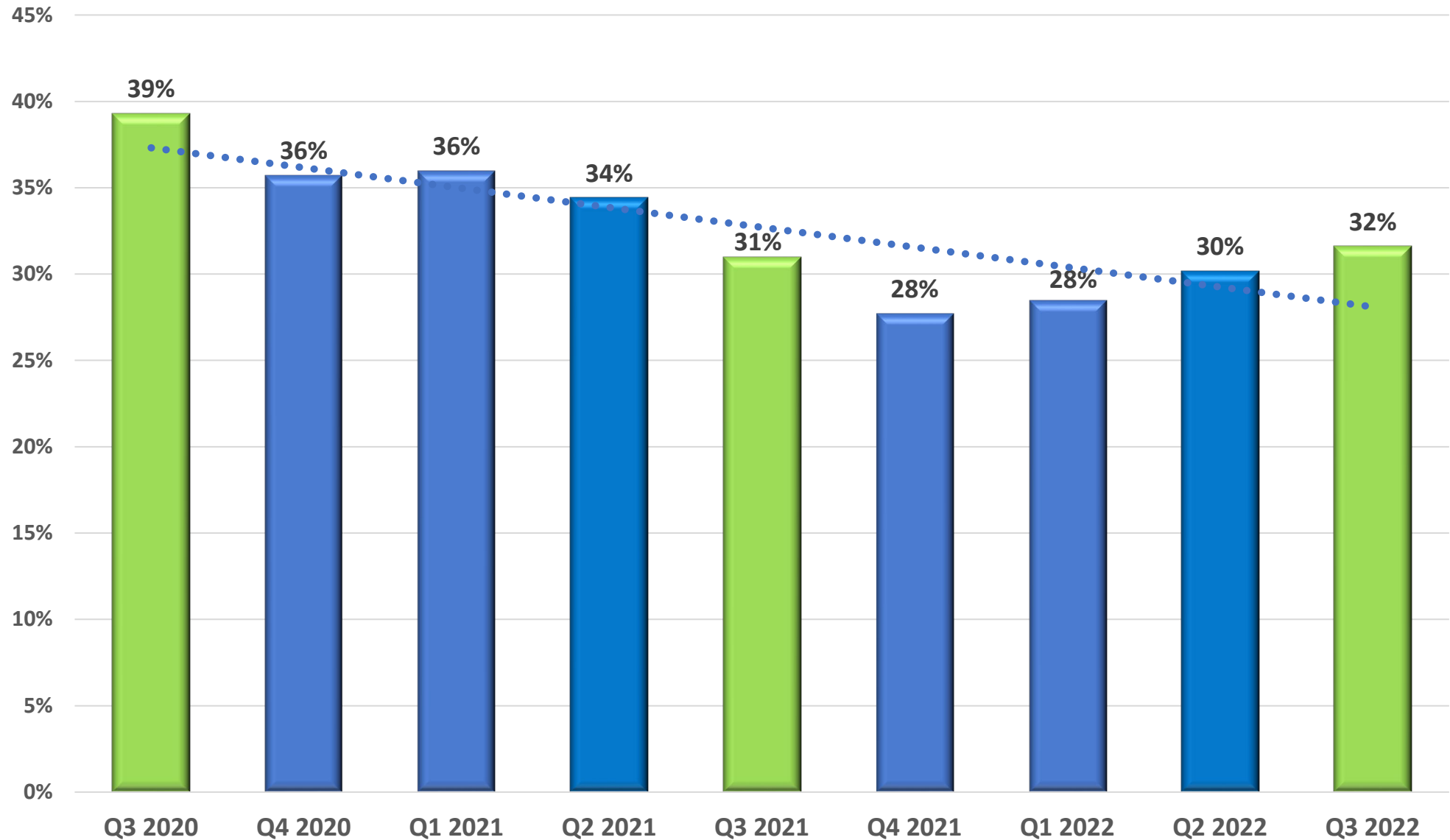
# Adjusted EBITDA History

Rolling 12 months Adjusted EBITDA\*

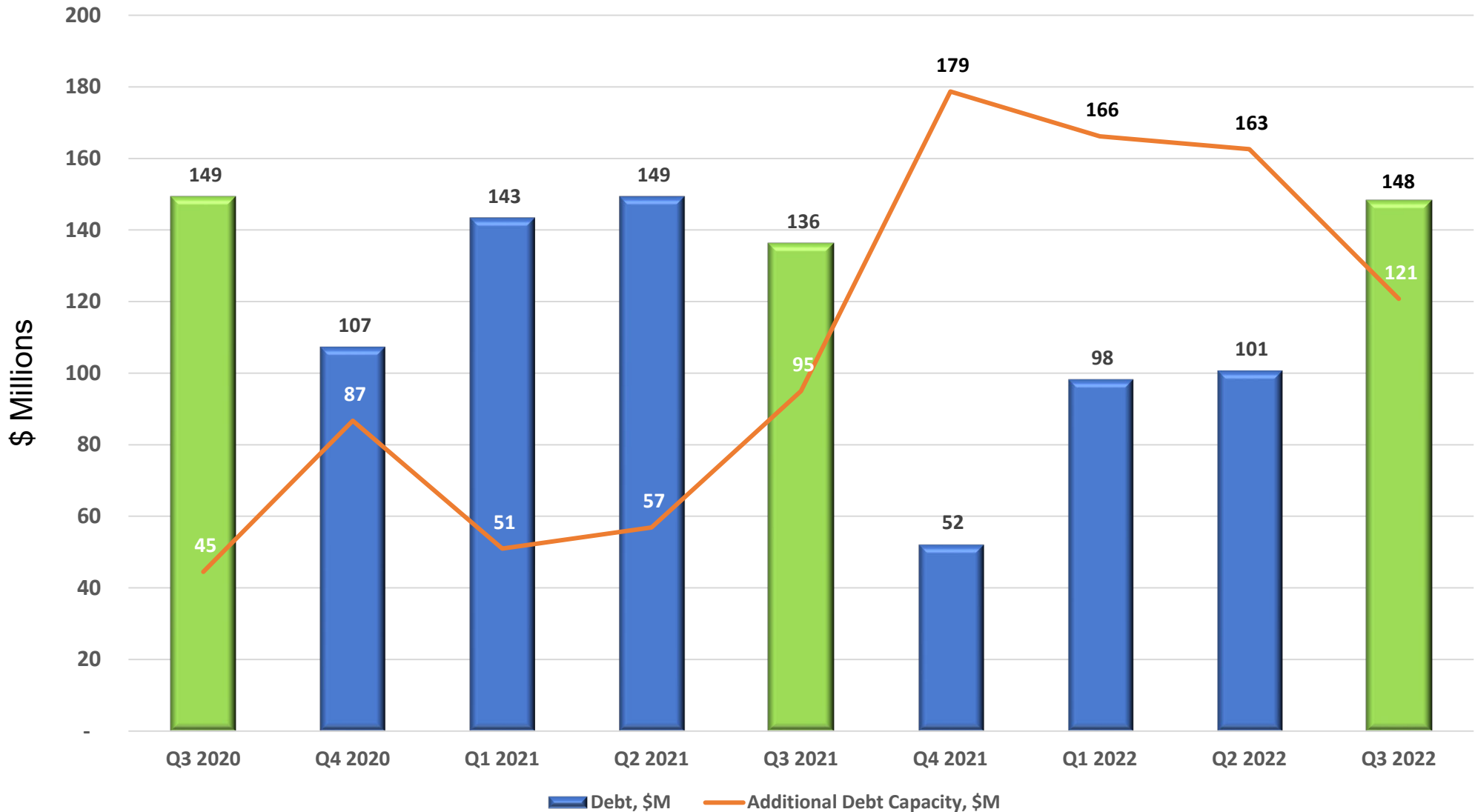


*\*Adjusted EBITDA includes earnings before interest, taxes, depreciation, amortization, non-cash stock compensation and proxy contest activities*

# Inventory as a Percentage of Sales (TTM)



# Debt & Borrowing Capacity



# Overall Financial Performance of Operations

|                           | 9-months Ended September 30 |       |         |
|---------------------------|-----------------------------|-------|---------|
|                           | 2022                        | 2021  | Change  |
| Net Sales                 | \$450                       | \$398 | 13%     |
| Gross Profit              | 182                         | 154   | 18%     |
| Net Income                | 24                          | 14    | 71%     |
| Adjusted EBITDA           | 61                          | 47    | 30%     |
| Adj EBITDA % of Net Sales | 13.6%                       | 11.8% | 180 Bps |
| EPS, diluted              | 0.78                        | 0.45  | 73%     |

- *Sales and gross margins are up.*
- *Operating Expenses flat compared to sales.*
- *Operating Income and net income both increased strongly.*
- *Finally, availability on our credit facility has improved dramatically.*

# AVD Strategic Overview

## Strong Core Business

- Favorable Global Ag Sector Tailwinds
- New Product Innovation
- Expansion of Global Market Access
- Crop Diversification
- Comprehensive Domestic Manufacturing Capabilities

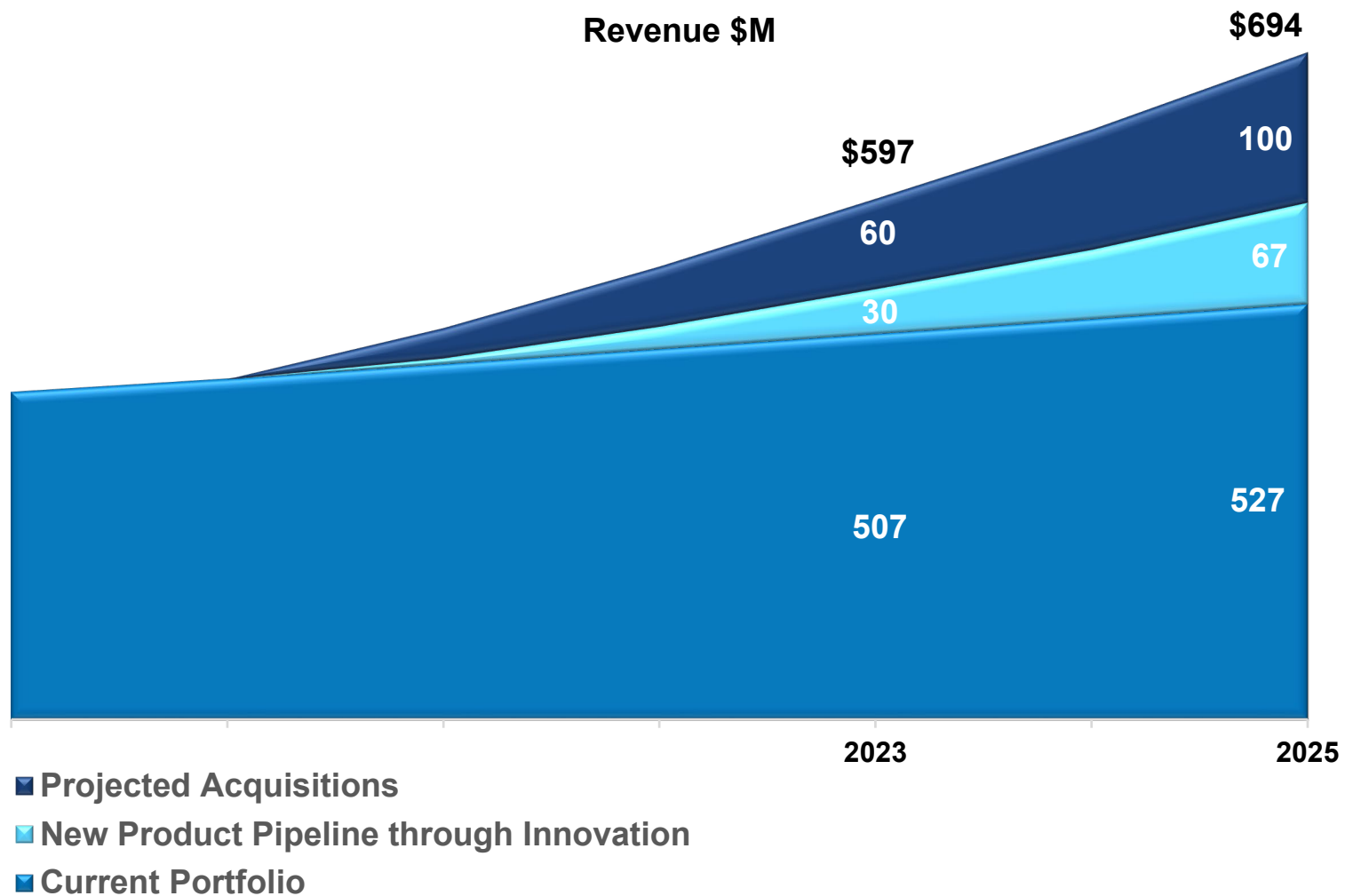
## Green Solutions Initiative

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

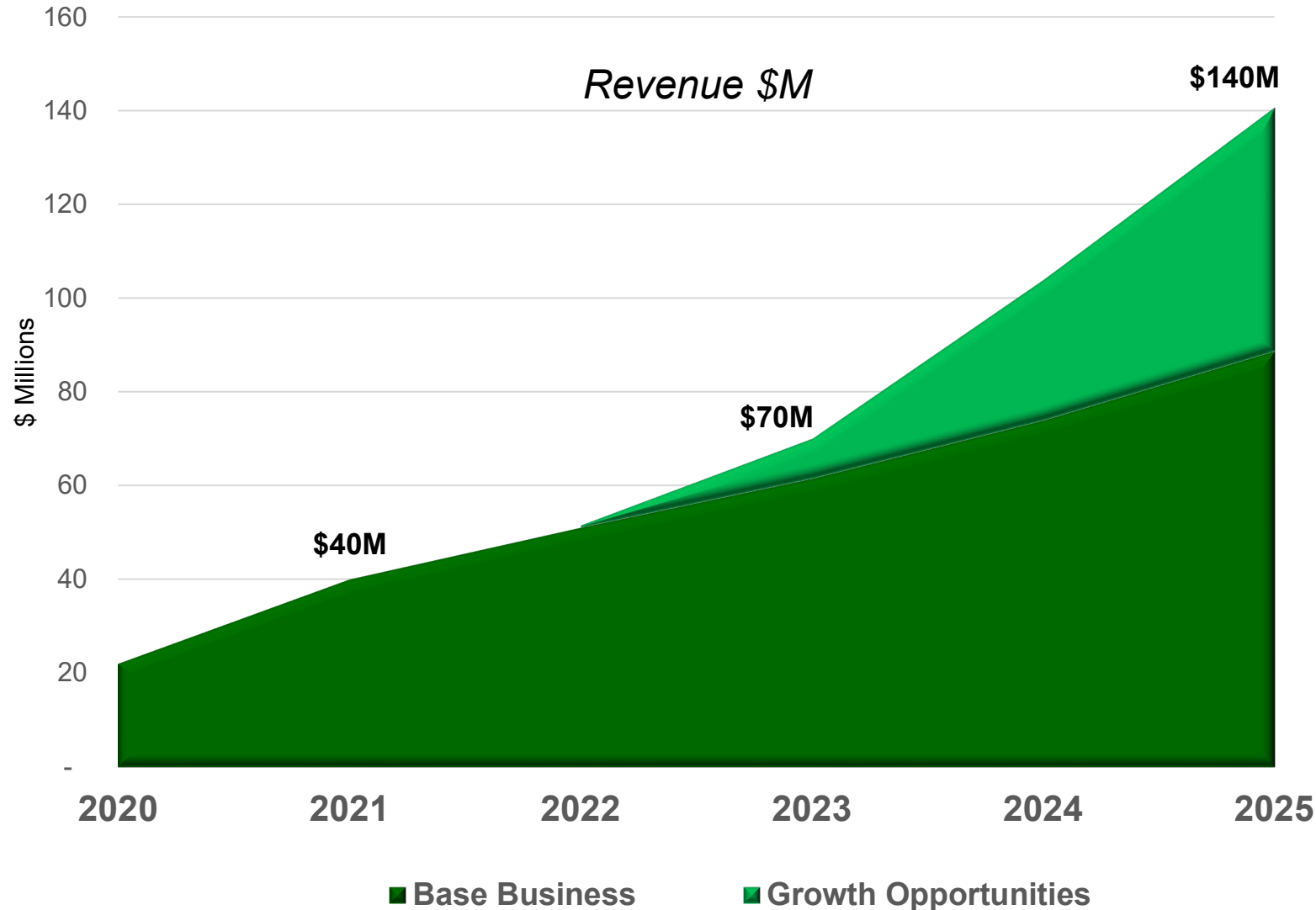
## Precision Application Technologies

- 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



# Green Solutions Growth Plan



## Growth Opportunities

- R&D pipeline
- Licensing & Distribution
- SIMPAS channel
- M&A
- Tolling pipeline

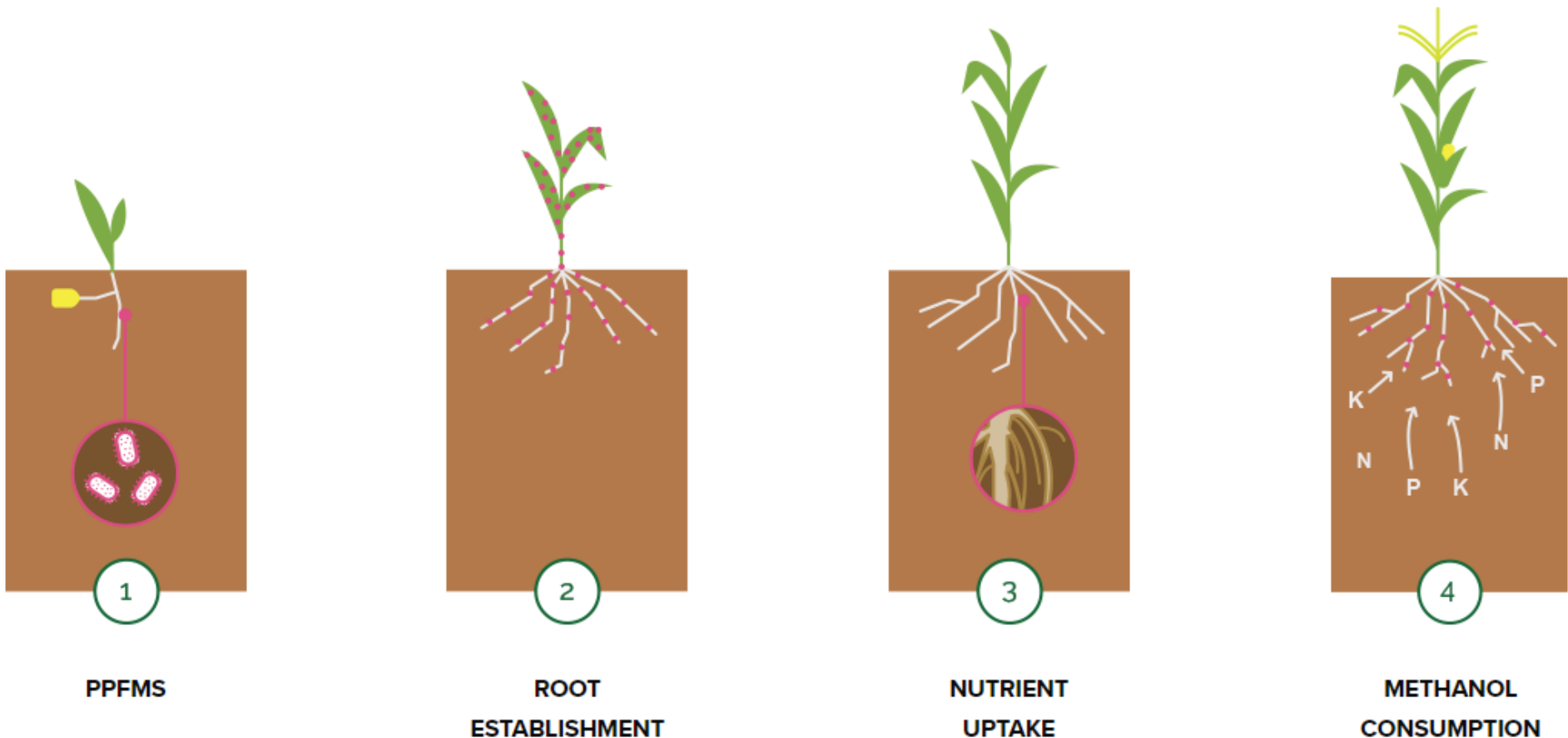
## Base Business

- Growth Rate – 20% CAGR from 2023-2025



# How Terrasym 450 Works

Terrasym microbial inoculant products contain specially selected strains of beneficial microbes called *Methylobacterium* or pink pigmented facultative methylotrophs (PPFMs). The PPFM strain found in Terrasym 450, *Methylobacterium gregans*, establishes a natural, permanent partnership with plants. This symbiotic relationship facilitates improved plant development and nutrient uptake, ultimately, making crops stronger, more stable and more tolerant of abiotic stress, from planting through harvest.





# Terrasym 450

The improved nutrient uptake benefits of Terrasym 450 for corn resulted in the following results in third party trials:

- +6.7%** Total root area
- +7.3%** Rooting depth
- +9.6%** Nodal root length
- +17.5%** Leaf tissue iron concentrations (ppm)
- +12.6%** Leaf tissue manganese concentrations (ppm)

for Corn



*2020 IN10T FarmerTrials; Root trends reported for Terrasym 450 as an in furrow treatment (V2-V4, 19 locations, 10 plants per treatment, per location), yield aggregate reported for TS450 as a seed treatment and in furrow treatment, 20 locations; 2021 AIP Trials; Root trends reported for Terrasym 450 as a planter box application (V4-V6, 13 locations, n = 10 plants per treatment per location); Nutrient data reported for Terrasym 450 as a seed treatment and in furrow treatment (V5-V6, 24 locations, 10 plants per treatment per location)*



# **SIMPAS 2022**

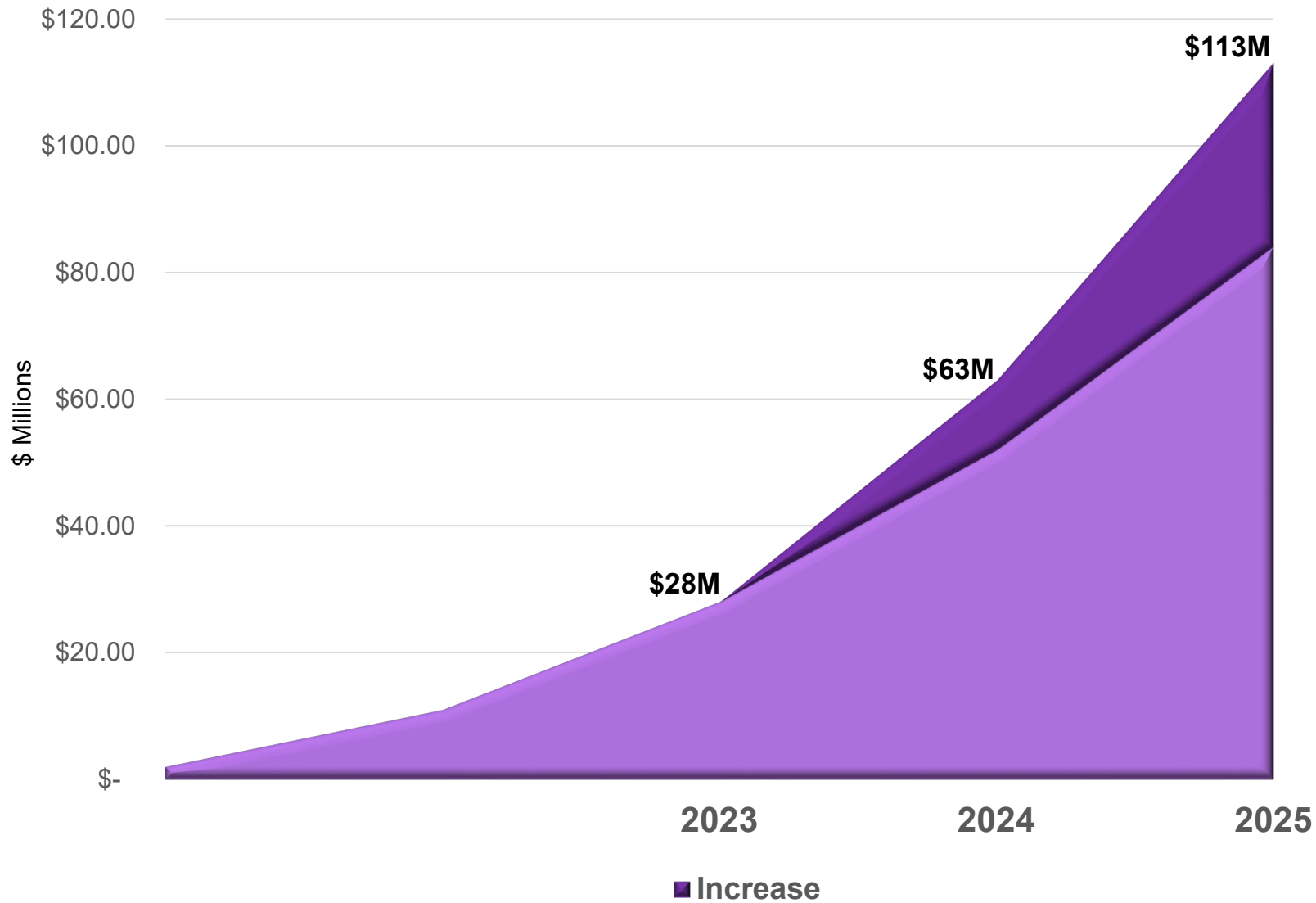
**81 New Systems in Use**

**Target 150-200 New Systems in Operation for 2023**

**On Path to Achieve 2023 and 2025 Revenue Projections**



# SIMPAS: US Value Capture Target (4 Crops)

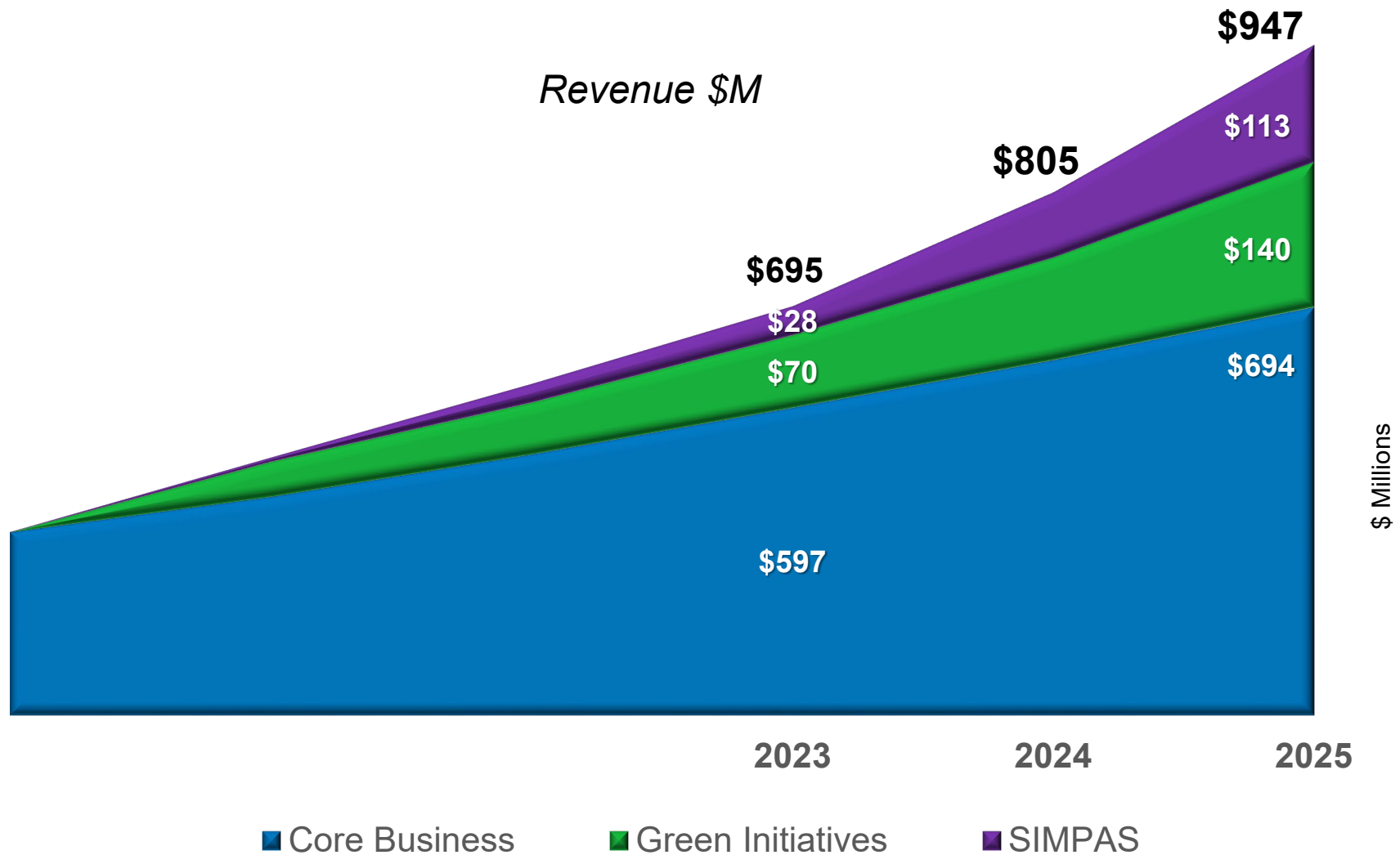






AMVAC joins with John Deere Financial and Rabo AgriFinance to offer 2.65% financing with harvest terms.

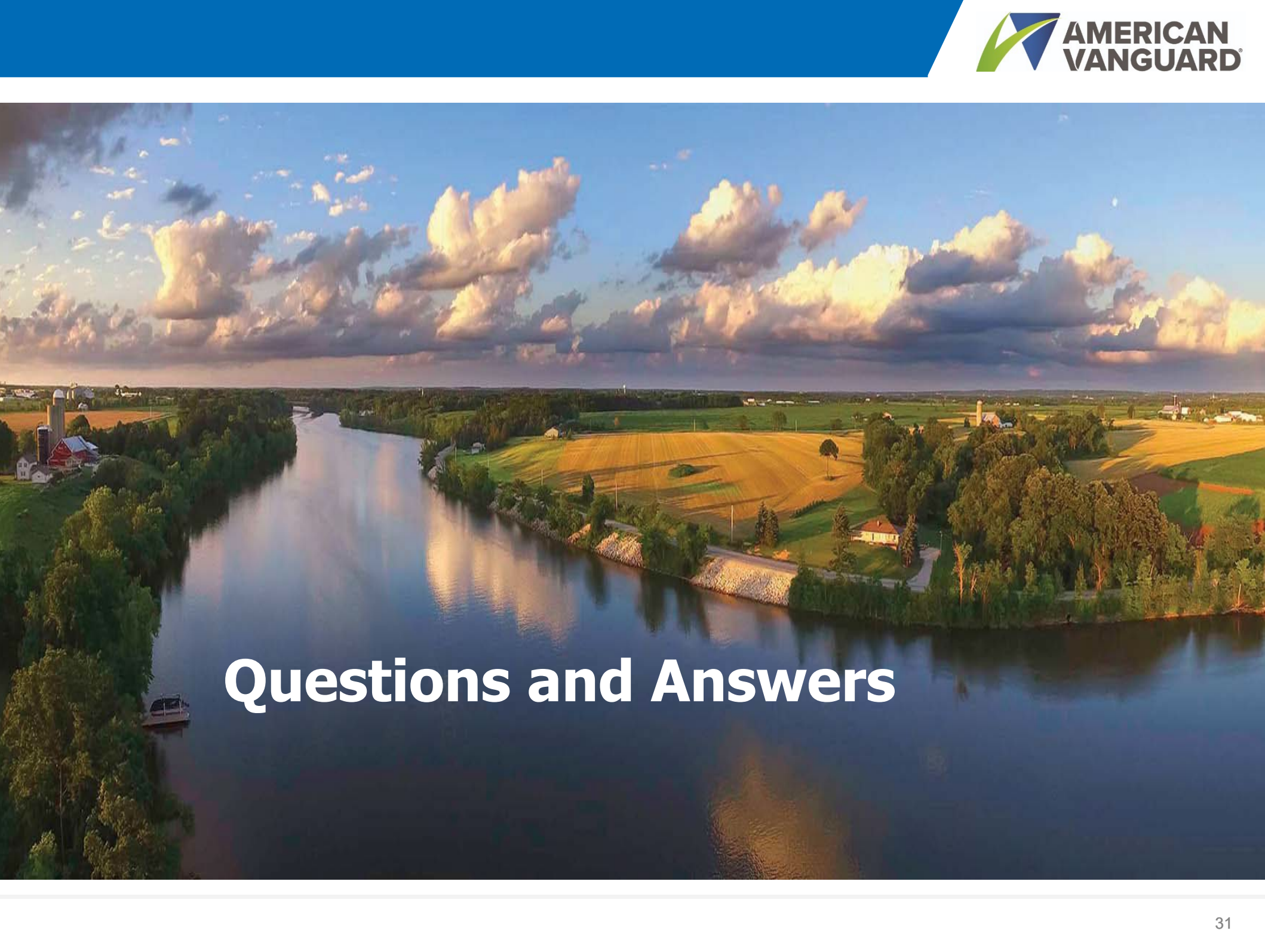
# Strategic Growth Targets



**Performance EBITDA Target 2025**

**\$155 Million**



An aerial photograph of a wide river flowing through a rural landscape at sunset. The sky is filled with large, dramatic clouds illuminated from below by the setting sun, creating a warm orange and yellow glow. The river's surface reflects the sky and the surrounding land. On the left bank, there are green trees and a small cluster of buildings, including a red barn and a white house. On the right bank, there are large, golden-brown fields, likely harvested corn, and a small white house with a red roof. A small boat is visible on the river in the lower left corner.

# Questions and Answers