

May 14, 2026




# Plant Nutrients Overview



# Forward Looking Statements

This presentation contains certain statements that may be deemed “forward-looking statements” within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended. All statements, other than statements of historical fact, that address activities, events or developments that our management intends, expects, projects, believes or anticipates will or may occur in the future are forward-looking statements. Forward-looking statements may be identified by words such as “expect,” “anticipate,” “estimate,” “outlook,” “project,” “strategy,” “intend,” “plan,” “target,” “goal,” “may,” “will,” “should” and “believe” and other variations or similar terminology and expressions. Although we believe forward-looking statements are based upon reasonable assumptions, such statements involve known and unknown risks, uncertainties and other factors, many of which are beyond our control and difficult to predict, which may cause the actual results or performance of the Company to be materially different from any future results or performance expressed or implied by such forward-looking statements. Such risks and uncertainties include, but are not limited to: general economic and financial conditions in the U.S. and globally; the potential effects of inflationary pressures, tariffs or the imposition of new tariffs, trade wars, barriers or restrictions, or threats of such actions, changes in interest rates, labor market shortages and supply chain issues; instability or volatility in financial markets or other unfavorable economic or business conditions caused by geopolitical concerns, including as a result of new or proposed legislation or regulatory, trade or other policies in or impacting the U.S., the conflict between Russia and Ukraine, the conflicts in Israel, Gaza and Iran, and related uncertainty in the surrounding region, and the possible expansion of such conflicts; the effect of any of the foregoing on our customers’ demand for our products and our suppliers’ ability to manufacture and deliver our raw materials, including implications of reduced refinery utilization in the U.S.; our ability to sell and provide our goods and services; the ability of our customers to pay for our products; any closures of our and our customers’ offices and facilities; risks associated with increased phishing, compromised business emails and other cybersecurity attacks, data privacy incidents and disruptions to our technology infrastructure; risks associated with potential use of artificial intelligence in our operations or those of third party service providers; risks associated with operating with a reduced workforce; risks associated with our indebtedness including compliance with financial and restrictive covenants, and our ability to access capital on reasonable terms, at a reasonable cost, or at all, due to economic conditions or otherwise; the impact of scheduled turnarounds and significant unplanned downtime and interruptions of production or logistics operations as a result of mechanical issues or other unanticipated events such as fires, severe weather conditions, natural disasters, pandemics, geopolitical conflicts and related events; price fluctuations, cost increases and supply of raw materials; our operations and growth projects requiring substantial capital; growth rates and cyclicity of the industries we serve including global changes in supply and demand; failure to develop and commercialize new products or technologies; loss of significant customer relationships; adverse trade and tax policies; extensive environmental, health and safety laws that apply to our operations; hazards associated with chemical manufacturing, storage and transportation; litigation associated with chemical manufacturing and our business operations generally; inability to acquire and integrate businesses, assets, products or technologies; protection of our intellectual property and proprietary information; prolonged work stoppages as a result of labor difficulties or otherwise; failure to maintain effective internal controls; our ability to declare and pay quarterly cash dividends and the amounts and timing of any future dividends; our ability to repurchase our common stock and the amount and timing of any future repurchases; disruptions in supply chain, transportation and logistics; potential for uncertainty regarding qualification for tax treatment of our spin-off; fluctuations in our stock price; and changes in laws or regulations applicable to our business. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this presentation. Such forward-looking statements are not guarantees of future performance, and actual results, developments and business decisions may differ materially from those contemplated by such forward-looking statements as a result of a number of risks, uncertainties and other factors including those noted above and those identified in our filings with the Securities and Exchange Commission (SEC), including the risk factors in Part 1, Item 1A of our Annual Report on Form 10-K for the year ended December 31, 2025, as updated in subsequent reports filed with the SEC. All subsequent written or oral forward-looking statements attributable to us or persons acting on our behalf are qualified in their entirety by this paragraph. We do not undertake to update or revise any of our forward-looking statements.

# Leading Positions Across Diverse Product Portfolio

	Nylon Solutions	Plant Nutrients	Chemical Intermediates								
<b>Position</b>	Leading North American producer – global low-cost position	Global leader – largest single-site producer of AS in the world	Leading North American positions across key product offerings								
<b>Products</b>	Caprolactam (Flake and Molten) Nylon 6 Resin Nylon 6/66 Copolymer Resin	Ammonium Sulfate fertilizer <ul style="list-style-type: none"> <li>• Granular</li> <li>• Mid-grade</li> <li>• Standard</li> </ul> Packaged Ammonium Sulfate Ammonia Sulfuric Acid Carbon Dioxide	<table border="0"> <tr> <td>Acetone</td> <td>Alpha-Methylstyrene</td> </tr> <tr> <td>Phenol</td> <td>Oximes</td> </tr> <tr> <td>Cyclohexanone</td> <td>Alkyl and Specialty Amines</td> </tr> <tr> <td>Cyclohexanol</td> <td></td> </tr> </table>	Acetone	Alpha-Methylstyrene	Phenol	Oximes	Cyclohexanone	Alkyl and Specialty Amines	Cyclohexanol	
Acetone	Alpha-Methylstyrene										
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<b>End-Use Applications</b>	Carpets Engineered Plastics Packaging  	Crop and lawn/turf fertilizer Herbicide adjuvants Industrial  	<table border="0"> <tr> <td>Paints / Coatings</td> <td>Solvents</td> </tr> <tr> <td>Adhesives</td> <td>Engineered Resins</td> </tr> <tr> <td>Electronics</td> <td>Pharmaceuticals</td> </tr> <tr> <td>Building and Construction</td> <td>Agrochemicals</td> </tr> </table> 	Paints / Coatings	Solvents	Adhesives	Engineered Resins	Electronics	Pharmaceuticals	Building and Construction	Agrochemicals
Paints / Coatings	Solvents										
Adhesives	Engineered Resins										
Electronics	Pharmaceuticals										
Building and Construction	Agrochemicals										
<b>% of Total Sales*</b>	<b>38%</b>	<b>37%</b>	<b>25%</b>								

# Fertilizers “101”

## Fertilizer is a Blend of Products Providing Key Plant Nutrients

### The Three “Primary Nutrients”:

#### Nitrogen (N)

- Essential part of amino acids, the building blocks for protein; Promotes growth, yields, and quality
- Sources: NH<sub>3</sub>, Urea, Ammonium Nitrate, Ammonium Sulfate

#### Phosphorus (P)

- Improves crop quality, protects against diseases; Critical at planting; important for cell division
- Sources: Phosphate fertilizers (DAP, MAP, SSP)

#### Potassium (K)

- Protects plants against diseases
- Sources: Potash (Potassium Chloride)

### The “Fourth Major Nutrient”:

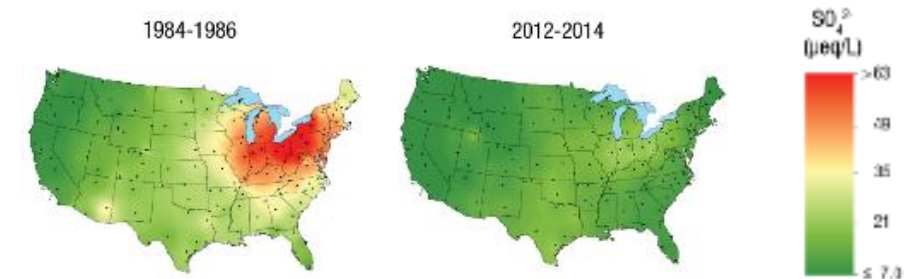
#### Sulfur (S)

- Works hand-in-hand with N as component of amino acids and proteins
- Sources: Ammonium Sulfate (S and N source), Elem Sulfur, Gypsum

### Sulfur in the U.S.

- Continue to see a rise in Ammonium Sulfate consumption and increases in overall industry interest in sulfur nutrition
- Over time have achieved strong premiums to nitrogen – clear that growers are seeing the value proposition of sulfur nutrition
- Sulfur input costs settled at multi-year highs in 2Q26

Reduced sulfur depositions due to reduction of SO<sub>2</sub> emissions have increased grower awareness of need to include sulfur in fertilizer



Source: Lehmann, Kerschner, and Gay, AWMA-EM

# Typical DRY Fertilizer Application Methods

SUSTAIN Program Supports Increased Bulk Blending in the U.S.

Progressive Markets  
Developing Markets

## Methods

## Product

## Key Use Applications

### Bulk Blending

*“Blend of multiple right sized products”*



- Typical method in highly mechanized, large scale agriculture operations markets such as the US, Brazil and EU
- Size & uniformity of fertilizer products critical for blends which prevents product segregation
- Allows for customization at farm level



### NPK

*“All in One”*



- Individual components granulated into a homogenous blend
- Does not allow for nutrient customization as in bulk blends
- Used for high value crops (vegetables, ornamentals) to minimize segregation risk; or developing regions due to farm size and fragmented value chains



### Direct Application

*“Small sized and not uniformly applied”*



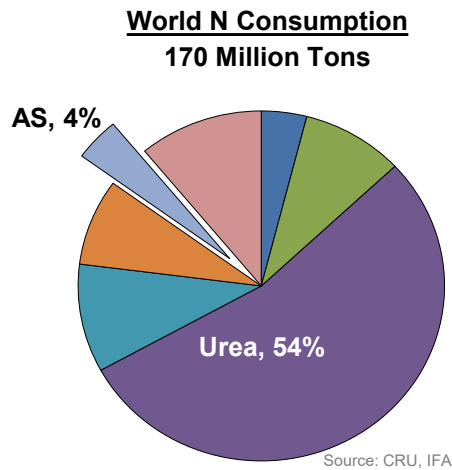
- Predominately in less mechanized and developing markets
- Low intensity applications due to smaller sized particles
- Typical application on crops such as coffee and citrus



# Fertilizer Market Dynamics

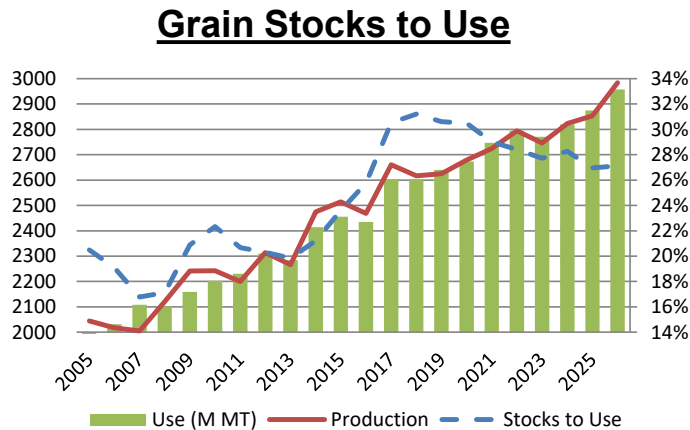
## 1 Urea is the most consumed N fertilizer

- Urea contains solely nitrogen and sets baseline for nitrogen fertilizer
- Supply and demand, energy pricing and margin producer costs impact pricing dynamics



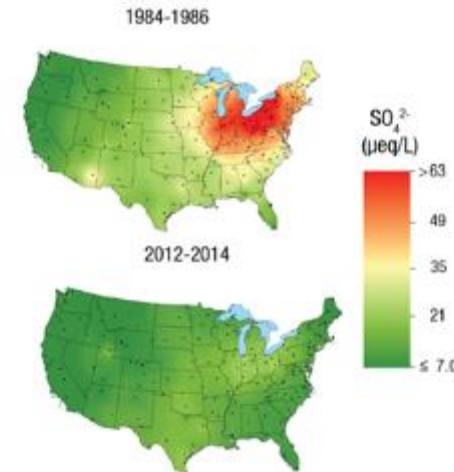
## 2 Grain is key Nitrogen consumer

- Nitrogen consumption impacted by crop prices
- Grain production impacts stock to use ratios
- Consumption growing steadily driven by population increases and continued diet diversification; Globally driving need for higher yields per acre



## 3 Ammonium Sulfate is both a Sulfur and Nitrogen Source

- Ammonium Sulfate represents less than 5% of the total Nitrogen consumed and provides both nitrogen and sulfur
- Reduced sulfur depositions due to reduction of SO<sub>2</sub> emissions have increased grower awareness of need to include sulfur in fertilizer



## 4 Ammonium Sulfate quality is paramount

- Size and uniformity are the most important customer quality needs
- AdvanSix produces three different size grades of Ammonium Sulfate: Granular, Mid-Grade, and Standard



**Granular**  
Size: ~2.5mm



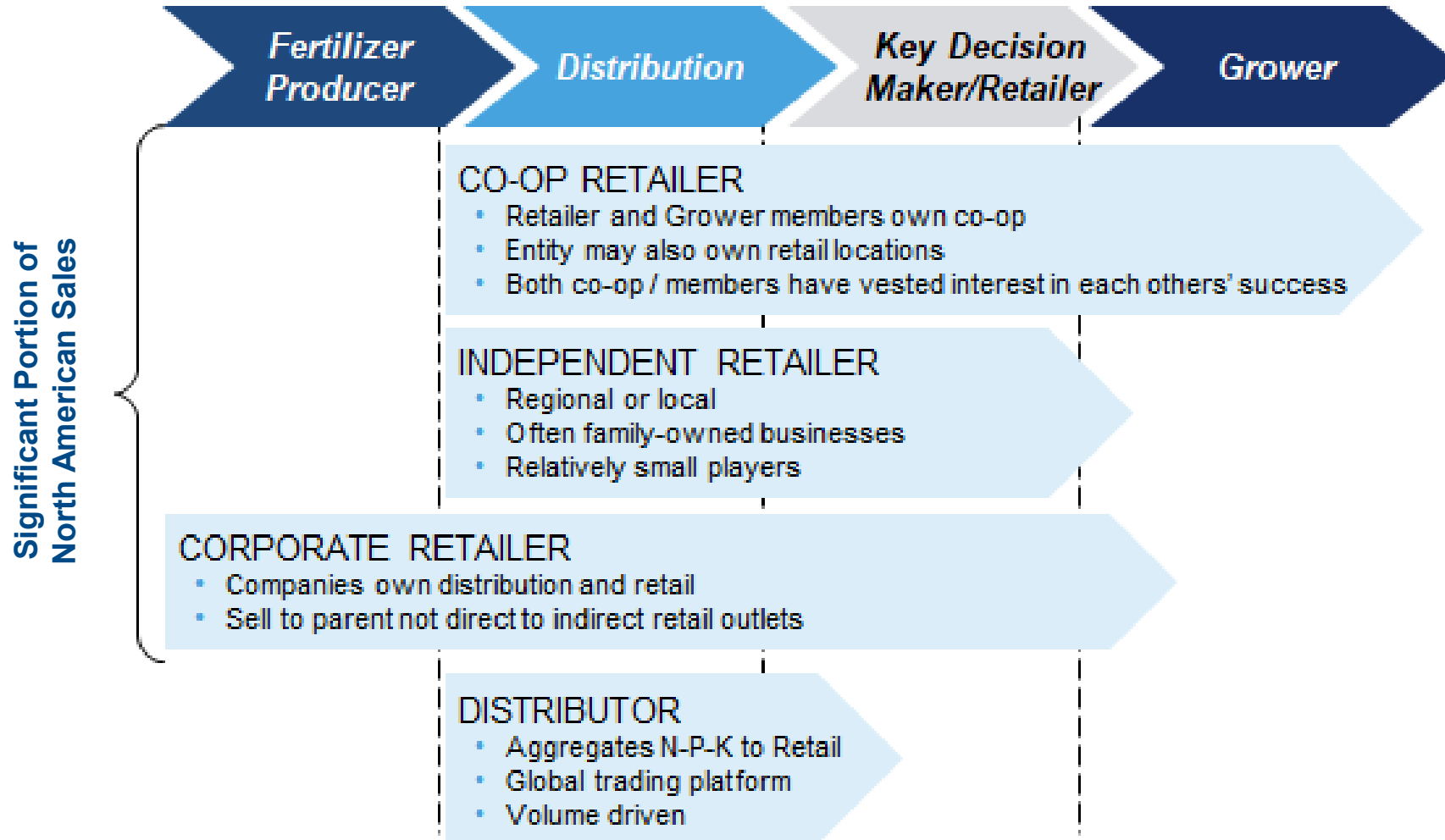
**Mid Grade**  
Size: ~1.6mm



**Standard**  
Size: <1.3mm

# Monetizing Ammonium Sulfate

Value Proposition of Quality and Increased Crop Yields Effectively Delivered to Key Customer Channels



# U.S. Ammonium Sulfate (AS) vs. Ammonia (NH<sub>3</sub>)

## Illustrative 12-Month Application Cycle



# SUSTAIN Program

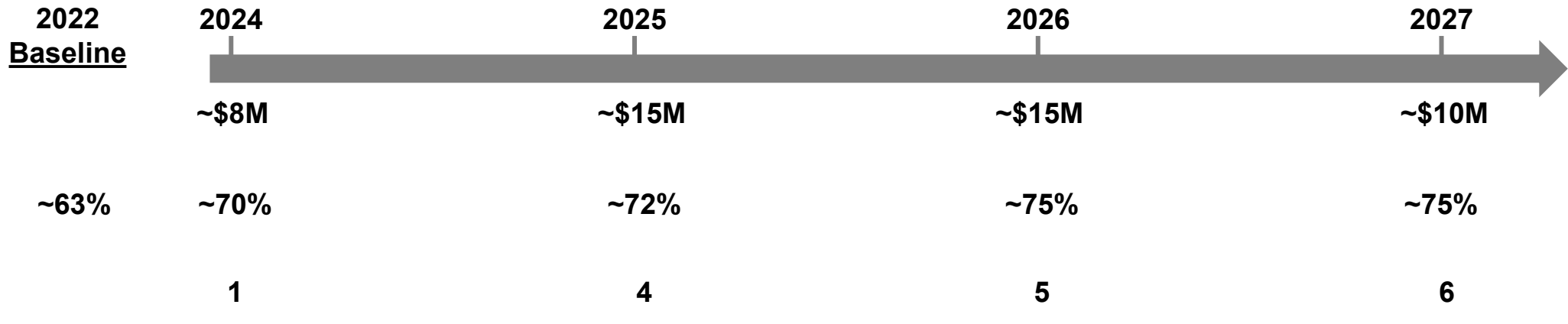
## Multi-Year Investment to Expand Granular Ammonium Sulfate Production



- Ammonium sulfate (AS) continues to be the primary go-to for sulfur nutrition, with continued strong consumption growth. North American customers require the granular form of AS and our SUSTAIN program is designed to meet that growing need
- Series of projects with multi-year investment targeting expansion of granular AS production, predominantly through increased conversion, by ~200,000 tons per year
- With AS traditionally a co-product of caprolactam production, the SUSTAIN program provides enhanced flexibility for higher granular production even with a variable caprolactam output scenario
- Further improves domestic customer logistics through improved efficiency for truck and rail loading; Project is targeting no net increase in energy consumption or emissions

### Investment and Return Profile

- Benefits expected to phase in over the investment period as individual components of each project come online
- Expected IRR 30%+ exceeding our target hurdle rate for capex growth projects
- Awarded \$12M grant from USDA to support expansion of granular ammonium sulfate



# Integrated Ammonia Platform – Diesel Exhaust Fluid (DEF) Growth Project

## Leveraging Integrated Assets to Supply Growing Regional DEF Demand

### Project / Market Overview

- Entered into a process design and licensing agreement to assess expansion of our integrated ammonia platform to supply the growing regional DEF market
- DEF is an EPA-mandated additive for reducing NOx emissions from diesel engines, with strong and growing demand driven primarily by Class 8 vehicle usage in the Mid-Atlantic and Northeast

### Strategic Advantage

- AdvanSix's geographic position uniquely enables reliable, domestic supply to meet growing demand in a market currently served by domestic production from other regions and imports
- Hopewell site already produces all required DEF inputs — carbon dioxide, ammonia, and high-purity water
- Project designed with no expected impact to AdvanSix's ammonium sulfate fertilizer production

### Timing and Returns

- Final investment decision targeted for 1H 2027
- Multi-year capital investment supporting attractive financial returns with anticipated operational start-up in 2029
- Partnering with an established technology provider and engaging an engineering services firm to complete front-end engineering and design, project scoping, and cost estimation