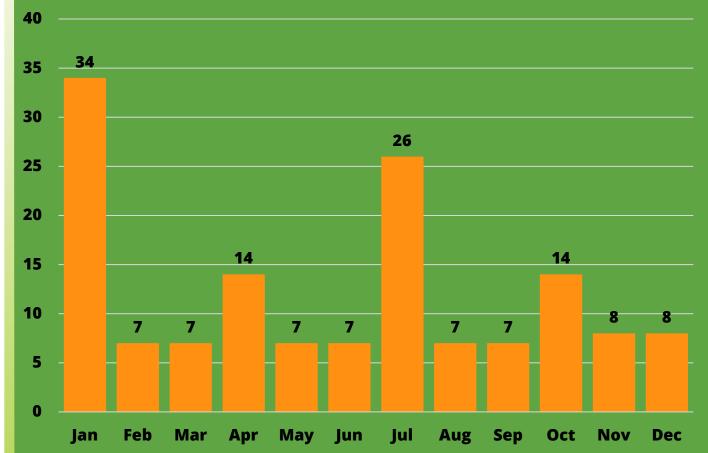


SOLVING FERTILIZER REPORTING

FERTILIZER FERTILIZER REPORTING: 50 States, 50 Sets of Rules

- Reported Materials
 - Fertilizer, Specialty Fertilizer, Soil Amendments, Liming Materials, etc.
- Required Reporters
 - No one, everyone, something in between
- Product Categories
 - UFTRS Codes, from 0 to 156
- Reporting Frequency
 - CO: Annually in January
 - FL: Monthly and Quarterly
 - GA: Quarterly
 - IA: Semiannually in January and July
- Reporting Level
 - Single, company wide entry
 - Each retail facility
- Product Rates
 - One rate to many
 - Additional groundwater protection fee based on the percentage of nitrogen present

Number of States with Reports Due Each Month



FERTILIZER ENTER: FERTILIZER REPORTING SOLUTIONS

TFI's Fertilizer Reporting Solutions is a resource created to help streamline state fertilizer tonnage reporting by laying out consistently all the necessary information in one place.





THE CURRENT CAPABILITIES

PROVIDES:

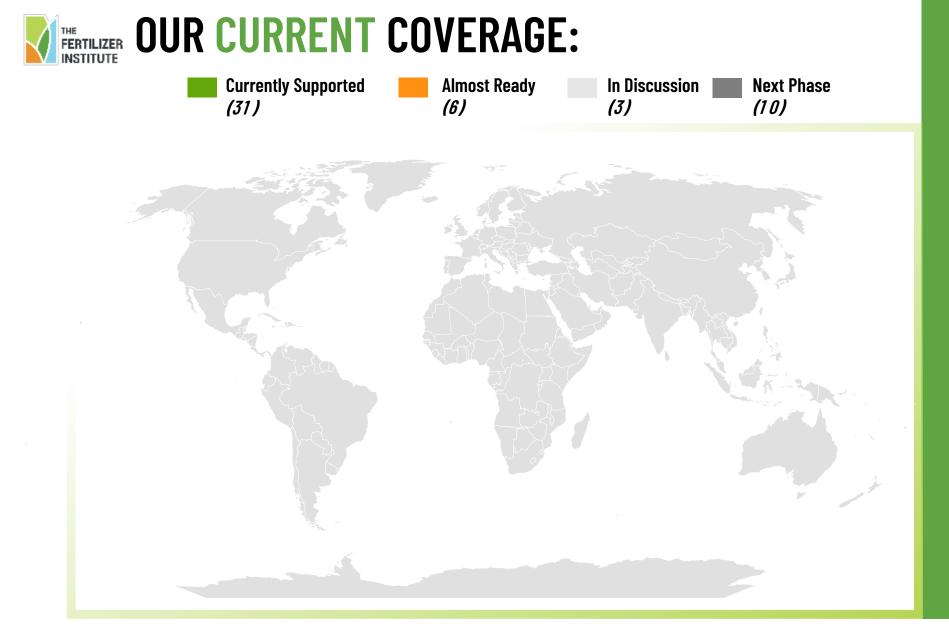
- Comprehensive <u>information</u> for how to report fertilizer tonnage for all participating states
- Reporting Guidelines Wikipedia type page providing in depth state overview
- Licensed Companies when available, a list of companies/distributors licensed in each state
- Registered Products when available, a list of products registered in each state
- Product Categories identifies the required product categories for reporting and their associated rates
- Quick Reference Guide combination for the Reporting Guidelines and Product Categories page for quick viewing and comparison across states

DOES NOT:

- Accept any data inputs
- Calculate the required tonnage fees to be paid
- Submit tonnage reports to states
- Keep track of which states a company has submitted reports

This is an informational platform only at this time!

FERTILIZER



OBJECTIVE:

Include all states in the platform, starting with the key agricultural states and then expanding to additional states.

Typically, most information on reporting is public (not always licensed companies and registered products) so can always add later.





SOLVING FERTILIZER REPORTING



Access to platform requires annual subscription

- Subscription year runs July 1-June 30
- One subscription per company, all associated employees with TFI profiles have access

Subscription rate is based on US market coverage & TFI membership

Company Description	Annual Subscription (prorated pricing available)
TFI Regular Member:	
 Products registered and/or selling products in 1-5 states 	\$500
 Products registered and/or selling products in 6-10 states 	\$1,500
 Products registered and/or selling products in 11+ states 	\$5,000
TFI Associate Member	\$12,500
Non-Member	\$15,000



Founding Partners view Fertilizer Reporting Solutions as a revolutionary tool for the industry

- Committed to keeping platform's information current and accessible
- Enables TFI to expand FRS

Becoming a Founding Partner:

- Full access and branding opportunities through June 30, 2027
 - TFI Regular Members: \$15,000, one-time commitment
 - TFI Associate Members: \$30,000, one-time commitment

Thank you to our current Founding Partners, BHP & Simplot, for your investment into Fertilizer Reporting Solutions, present and future





LONG-TERM VISION: Ideal Process

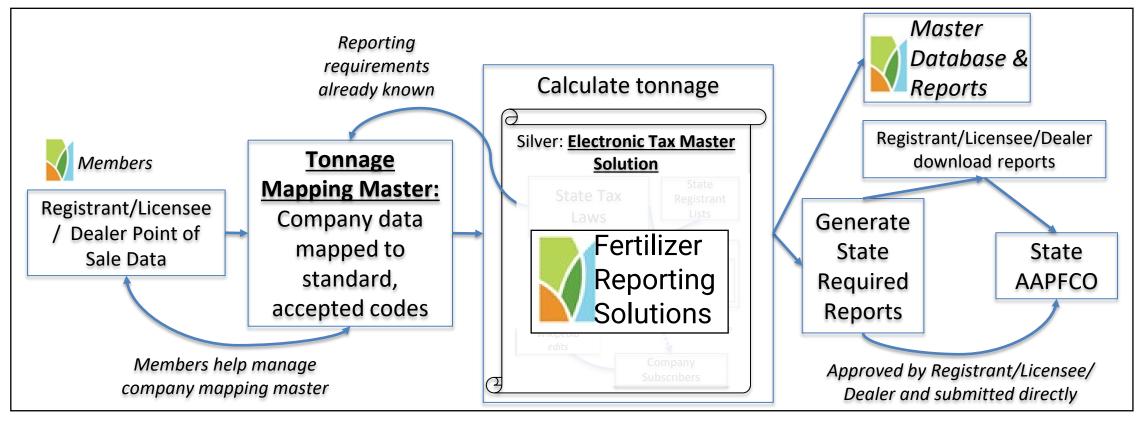
- 1. Company subscribes to the platform
- 2. Uploads point of sale data (for all states) through a secure confidential platform aligning to a data upload template
 - 1. All data fields will not be required, but could limit the ability to accurately or completely report
- 3. Data would be mapped against Registered Product database to recognize products
- 4. Registered products would be mapped against product categories with associated rates
 - 1. Any product that is not mapped would be flagged and presented to the user to assist in reconciliation

- 5. Once all sales are recognized, tonnage calculation would be calculated.
 - 1. Users would be able to review line by line data in order to validate or check for questions
- 6. Calculations and data fields would then be aggregated to match the required reporting format/categories for the appropriate state and generate a report to be utilized by the user
 - It should be noted that we will not require (but may ask) a state to change their reporting template or accepted files
- 7. User would leverage data export to complete data submission along with payment





LONG-TERM VISION:



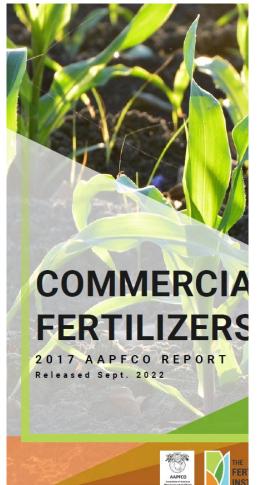
Goal: Collect point of sale and product movement data from each member to map to a master product library which is then mapped to each states unique reporting requirements.



In partnership with

datahoney

LONG-TERM VISION: Improved Industry Data



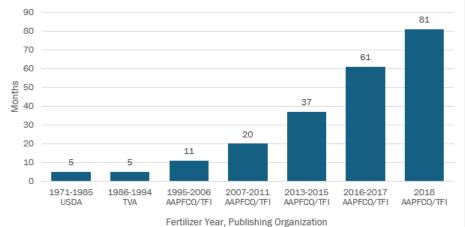
Commercial Fertilizers 2017

Contents

Page

ларі	is of Consumption Trends	
labl	es:	
l	Total Consumption of Fertilizers and Plant Nutrients in the US Years Ending June 30, 1960-2017	
	Consumption of Fertilizers in the U.S Years Ended June 30, 2016 and 2017	7
5	Consumption of Multiple-Nutrient Fertilizers Years Ended June 30, 2016 and 2017	
ļ.	Consumption of Single-Nutrient Fertilizers Years Ended June 30, 2016 and 2017	
	(Nitrogen Materials, Phosphate Materials, Potash Materials)	
;	Consumption of Single-Nutrient Nitrogen Fertilizers Years Ended June 30, 2016 and 2017	
	(Anhy Amm, Aqa Amm, N Solns, Urea, Amm Nit, Amm Sul, Amm Thio, Others)	10
6	Consumption of Single-Nutrient Phosphate Fertilizers Years Ended June 30, 2016 and 2017	
	(Super Acid, Super P≤22%, Super P>22%, Others)	12
7	Consumption of Single-Nutrient Potash Fertilizers Years Ended June 30, 2016 and 2017	
	(KCl, Pot Sul, Pot-Mag Sul, Others)	13
3	Consumption of Select N-P Fertilizers Years Ended June 30, 2016 and 2017	
	(10-34-0,10-30-0,11-37-0,16-20-0,18-46-0,Others, Total)	14
,	Consumption of Primary Plant Nutrients July 1, 2015 to June 30, 2016	16
0	Consumption of Primary Plant Nutrients July 1, 2016 to June 30, 2017	17
1	Average Primary Nutrient Content July 1, 2016 to June 30, 2017	18
2	Nitrogen Content of Select Fertilizers July 1, 2016 to June 30, 2017	
	(Anhy Amm, Aqua Amm, Amm Nit, Amm Sul, N Solns, Urea, Other, Total)	20
3	P2O5/K2O Content of Select Fertilizers July 1, 2016 to June 30, 2017	
4	Semiannual Consumption of Fertilizers July 1, 2016 to June 30, 2017	22
5	Consumption of 100 Leading Multiple-Nutrient Grades Years Ended June 30, 2016 and 2017	23
5	Consumption of 15 Principal Multiple-Nutrient Grades July 1, 2015 to June 30, 2016	24
7	Consumption of 15 Principal Multiple-Nutrient Grades July 1, 2016 to June 30, 2017	
8	Consumption of Nitrogen Solutions Years Ended June 30, 2016 and 2017	
9	Consumption of Natural Organics and Secondary and Micronutrients Years Ended June 30, 2016 and 2017	
0	Single-Nutrient Fertilizers by Class Year ended June 30, 2016	30
1	Multiple-Nutrient Fertilizers by Class Year ended June 30, 2016	
2	Single and Multiple-Nutrient Fertilizers by Class Year Ended June 30, 2016	
3	Single-Nutrient Fertilizers by Class Year Ended June 30, 2017	
4	Multiple-Nutrient Fertilizers by Class Year Ended June 30, 2017	
5	Single and Multiple-Nutrient Fertilizers by Class Year Ended June 30, 2017	
6	Total Fertilizer Consumed, United States and Regions Years Ended June 30, 2016 and 2017	
7	Average Analyses For Year Ending June 30, 2017	

Average Number of Months the Commercial Fertilizers Report was Published After the End of the Fertilizer Year







Thank you for attending our Solving Fertilizer Reporting webinar.

Ready to Subscribe?

Contact Bella Shain, Membership & Sales Manager, at <u>bshain@tfi.org</u> for next steps.



