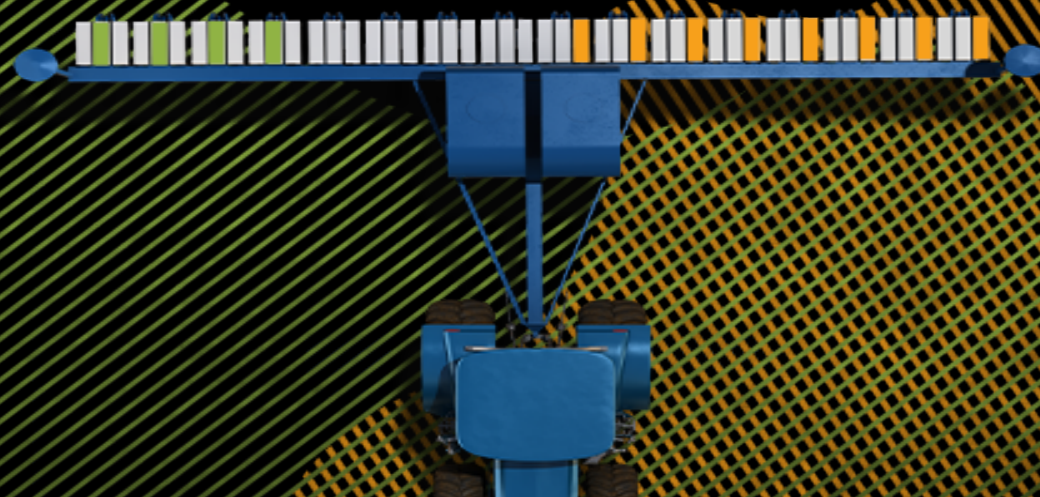




Jim Lappin
Director SIMPAS Portfolio and
Alliances





SIMPAS-applied Solutions™ (SaS)™

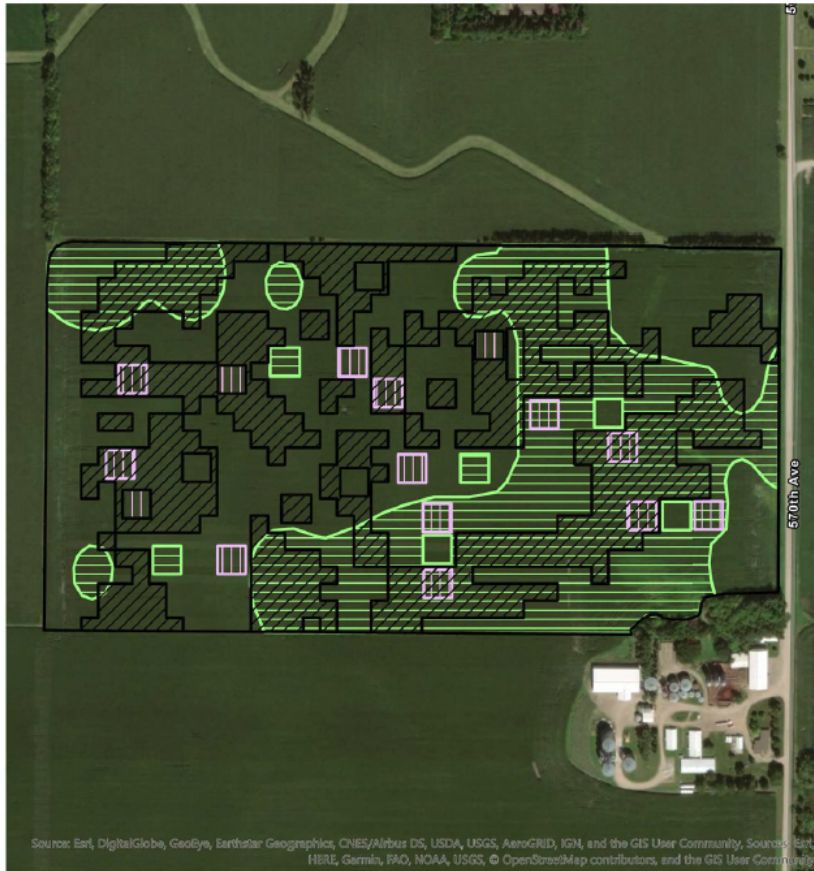
Prescriptive made Easy. Profitable, Sustainable.



2020 SIMPAS-applied Solutions™ (SaS™) Prescription Maps

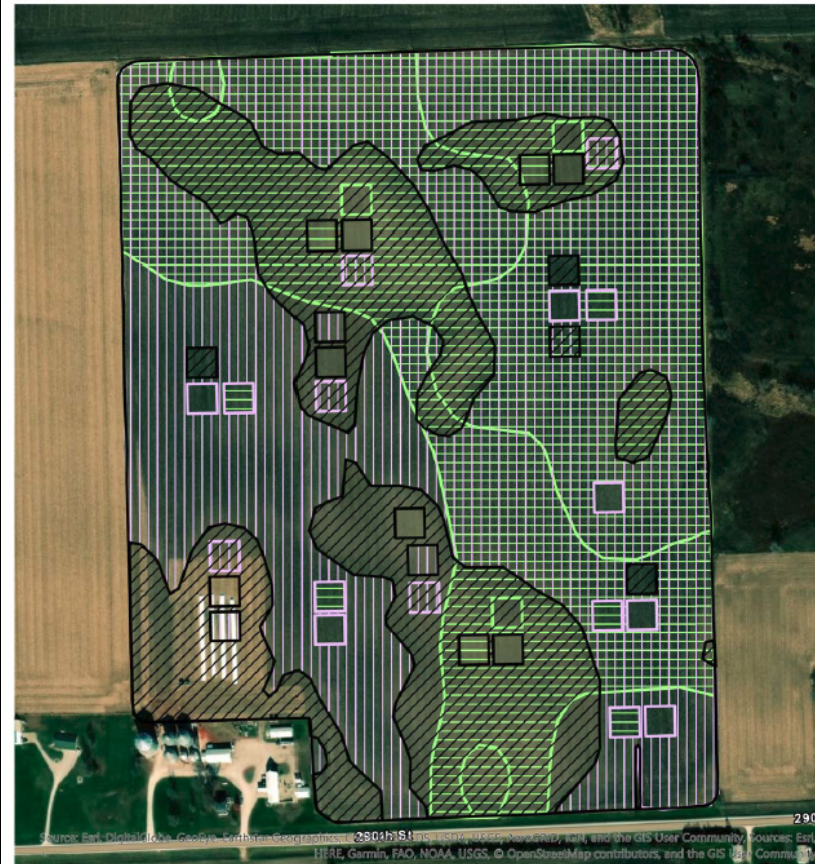
Grower Works with Trusted Agronomic Advisor

Example Field 1 - 2020 SIMPAS Prescriptions



<p>Counter 20G</p> <p>▨ 6.5 Lbs. / Acre 32.1 Acres Applied 209 Lbs. Total</p>	<p>Aztec HC</p> <p>■ 1.63 Lbs. / Acre 3.5 Acres Applied 6 Lbs. Total</p>	<p>Gran-Zinc</p> <p>▭ 1.8 Lbs. / Acre 34.5 Acres Applied 62 Lbs. Total</p>	<p>N</p> <p>0 100 200 400 Feet</p>
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Example Field 2 - 2020 SIMPAS Prescriptions



<p>Counter 20G</p> <p>▨ 6.5 Lbs. / Acre 39 Acres Applied 253 Lbs. Total</p>	<p>Aztec HC</p> <p>■ 1.6 Lbs. / Acre 69 Acres Applied 110 Lbs. Total</p>	<p>Gran-Zinc</p> <p>▭ 3-6 Lbs. / Acre 67 Acres Applied 405 Lbs. Total</p>	<p>N</p> <p>0 95 190 380 Feet</p>
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2021 Products Available

Corn Nematicide



Corn Insecticide



Micronutrient



Corn Insecticide
Registration pending





Key Features of the SIMPAS™ System

2021 Any combination of up to 3 granular and
Future will include liquid products
(with ability to apply 6 products as more products become available)





Automated Validation & Record Keeping

SmartTags pair Product details with
as-applied records for automated record-keeping





Quick and Easy Replacement of SmartCartridge Containers

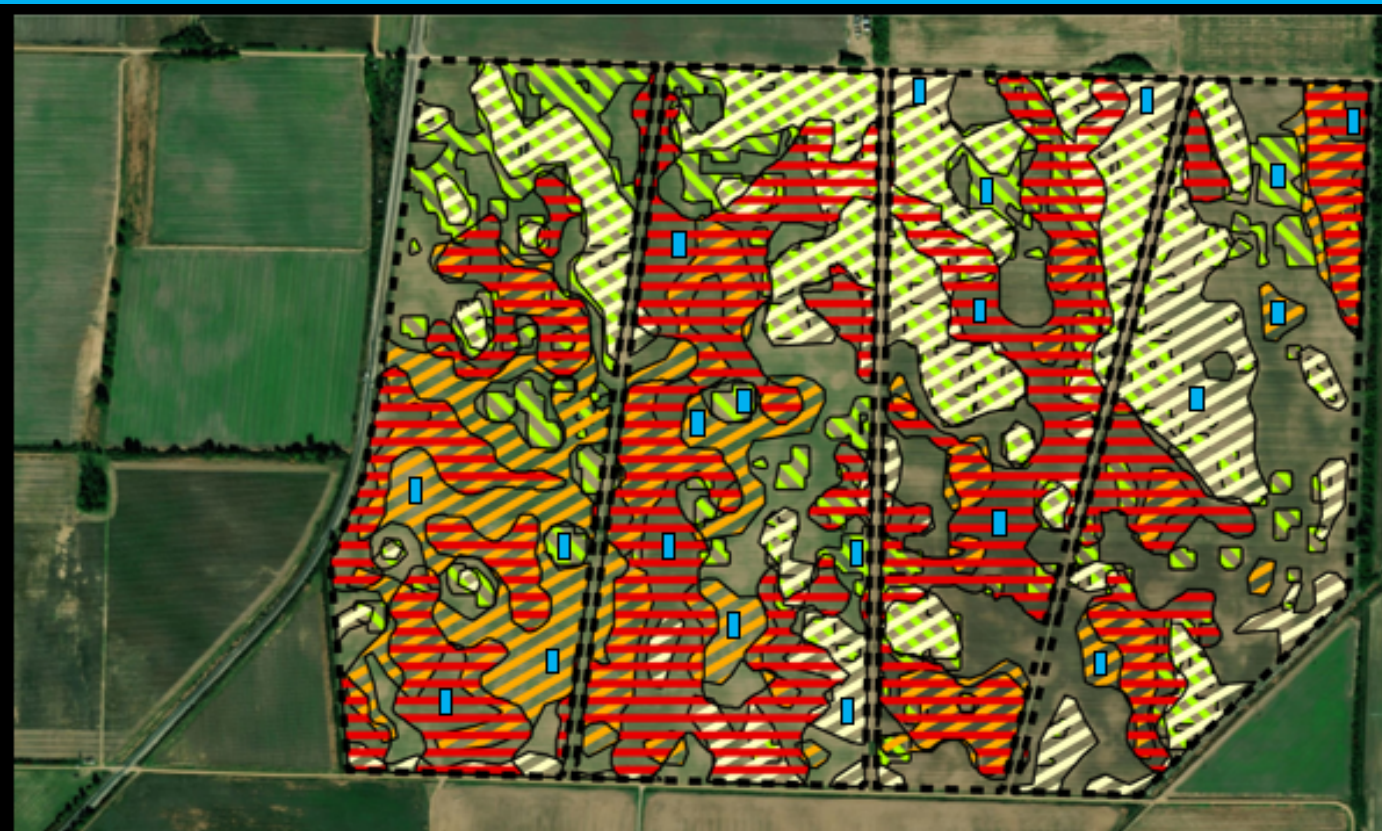
Retailer scans SmartTags on returns and issues credit for unused contents





Optimize Yield & ROI by Solving Spatially Distinct Problems

Spatial analysis tool part of the SIMPAS-applied Solutions™ offer



-  Nematicide
-  Micronutrient
-  Fungicide
-  Untreated Control block in each management zone



Future SIMPAS-applied Solutions™ Portfolio Opportunities

AMVAC brands as well as 3rd party brands



- **Multiple crops**
 - **Corn, soybean, cotton, peanuts**
- **Granule and liquid options**
- **More categories of products**
 - **Insecticides**
 - **Nematicides**
 - **Fungicides**
 - **Micronutrients**
 - **PGRs**
 - **Plant and soil health**
 - **Nitrogen management, nutrient availability**
 - **Inoculants**



2021

Apply exactly what you need.
Precisely where it's needed.