TRILLION DOLLAR PROBLEM
$115 BN MARKET

Precision fertilizer
$65 billion
- $200B potential added value
- 18% yield improvement

Precision spraying
$15 billion
- $50B potential added value
- 4% yield improvement

Field monitoring, Data management & others
$35 billion
- $125B potential added value
VIRUS DETECTION

Virus infected plant
EMPOWERING FARMERS WITH BETTER KNOWLEDGE OF THEIR CROPS

Weed detection & classification

Detection of nematodes

Plant nutrient content

Yield prediction & growth monitoring

<table>
<thead>
<tr>
<th>Seed</th>
<th>Germination</th>
<th>Leaf Development</th>
<th>Flowering</th>
<th>Pod Development</th>
<th>Ripening</th>
<th>Senescence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Days</td>
<td>00 07 09</td>
<td>10 11 12 13 15</td>
<td>17 61</td>
<td>69</td>
<td>79</td>
<td>89</td>
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<td>96 97</td>
</tr>
</tbody>
</table>
EMPOWERING FARMERS WITH BETTER KNOWLEDGE OF THEIR LAND AND CROPS

SOIL ANALYSIS
GROWS MONITORING
DISEASE AND WEEDS ALERTS
NUTRIENT DEFICIENCY DIAGNOSTICS
YIELD PREDICTION

HYPERSPECTRAL IMAGING world’s smallest and lightest camera

ARTIFICIAL INTELLIGENCE to translate data into chemical and biological indicators

ACTIONABLE INFORMATION based on database of crop-affecting factors—weather, diseases, pests, nutrient stress
<table>
<thead>
<tr>
<th>POTENTIAL BENEFICIARIES</th>
<th><strong>LARGE AGRI PRODUCERS</strong></th>
<th><strong>AGROCHEMICAL/ BIOTECHNOLOGY COMPANIES</strong></th>
<th><strong>CONVENTIONAL FOOD PRODUCERS AND SOURCERS</strong></th>
<th><strong>AG MACHINERY PRODUCERS</strong></th>
<th><strong>COMMODITY TRADERS, FEDERAL AGENCIES</strong></th>
<th><strong>BANKS, INSURANCE COMPANIES</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Timely control of diseases and weeds</td>
<td>- Test chemicals during R&amp;D and production phases</td>
<td>- Ensure quality and quantity of produce for food preparation</td>
<td>- Increase value of agri machinery by providing prescription maps that can be transferred to machinery</td>
<td>- Predict yields, identify yield/quality problems ahead of time</td>
<td>- Advanced knowledge of issues that will impact yield, ability to measure expected impact to yield</td>
</tr>
<tr>
<td></td>
<td>- Reduction in fertilizer and chemical usage</td>
<td>- Provide value to customers by enabling growers to target chemical application</td>
<td>- Quick identification of threats such as weeds and diseases and quantification of expected loss</td>
<td>- Provide value to customers by bundling Gamaya prescription maps with agro machinery</td>
<td>- Gamaya anomaly detection enables quick identification of threats and quantification of expected loss</td>
<td>- Gamaya anomaly detection measures damage precisely and accurately</td>
</tr>
</tbody>
</table>
THANK YOU!

Forbes
Gamaya is one of the 4 European AgTech startups with a potential to become a $1 billion dollar company

Business Insider
Gamaya is one of the 12 hottest startups in Switzerland based on the amount raised, headcount, and developed technology

Fortune
Gamaya is changing farming with drones and artificial intelligence.