Veg Row is a proprietary lens that finds crop rows and isolates the NDVI, or biomass, of that row to visualize early-season crop health without soil effects. NDVI of crop rows is highly correlated to emergence at VE to V4 in corn and similar growth stages in beans, which drives the stand estimate in these growth stages, reflected as an emergence score in Row Tracer.
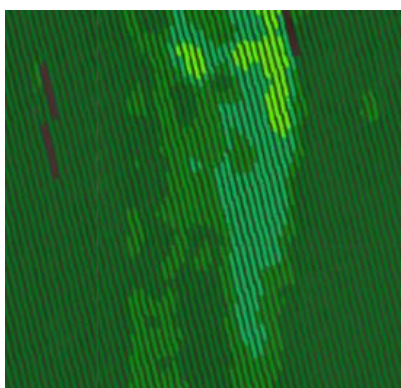
Emergence Score
Row Tracer's emergence score, reflected as a %, means there is estimated to be an x% difference in the amount planted against the emerged average over a given field. If as planted information is available, Row Tracer score is a number.
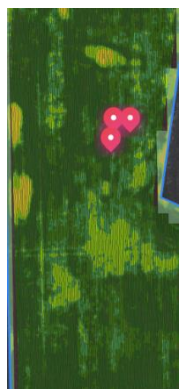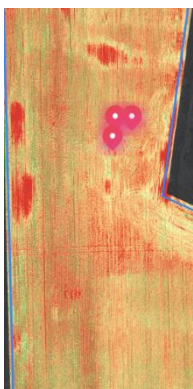
Later Season Use Cases
From V4 to canopy, Veg Row is an excellent way to identify areas of nutrient deficiency, compaction, residue issues, or other issues that would stunt plant growth in this growth stage.

- Veg Row outperforms NDVI in identifying these issues because it isolates the crop rows whereas NDVI still may factor in soil, which washes out the map.
- Veg Row can help identify issues before they would be noticeable—even when scouting the field—enabling proactive management decisions much earlier than would traditionally be possible.

Ground truth photo and Veg Row showing roughly 85-90% emergence in early planted beans.

Veg Row highlights an issue in plant growth NDVI didn't show due to the early growth stage.