



Development of bio-stimulants corn products

DuPont Pioneer-Evogene collaboration



August, 2017

Collaboration goal

To develop and commercialize microbiome-based seed treatment bio-stimulant products that improve corn yields



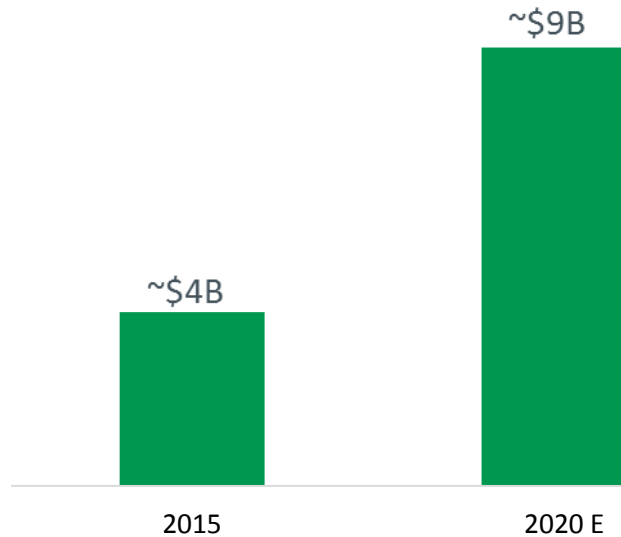
Collaboration 'at a glance'

- Multi-year development effort focused on increasing corn yields across multiple locations
- Leverages a set of already discovered, validated and optimized microbial strain teams
- Evogene will receive milestone payments and royalties from product sales
- DuPont Pioneer has exclusive licensing rights



Ag-biologicals market opportunity

Growing market*



Growing market*

Human microbiome understanding

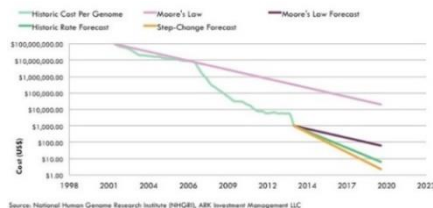


Leveraged into plant microbiome research

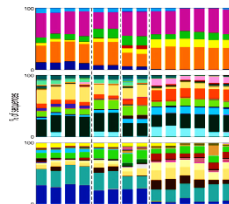


Enabling technologies and cost reduction of data analysis and integration

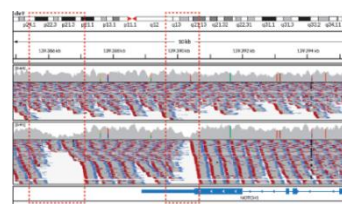
Data cost reduction



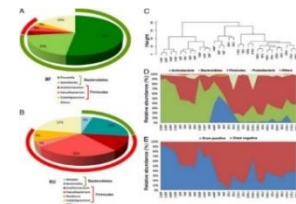
16S-rRNA sequencing



Next generation sequencing

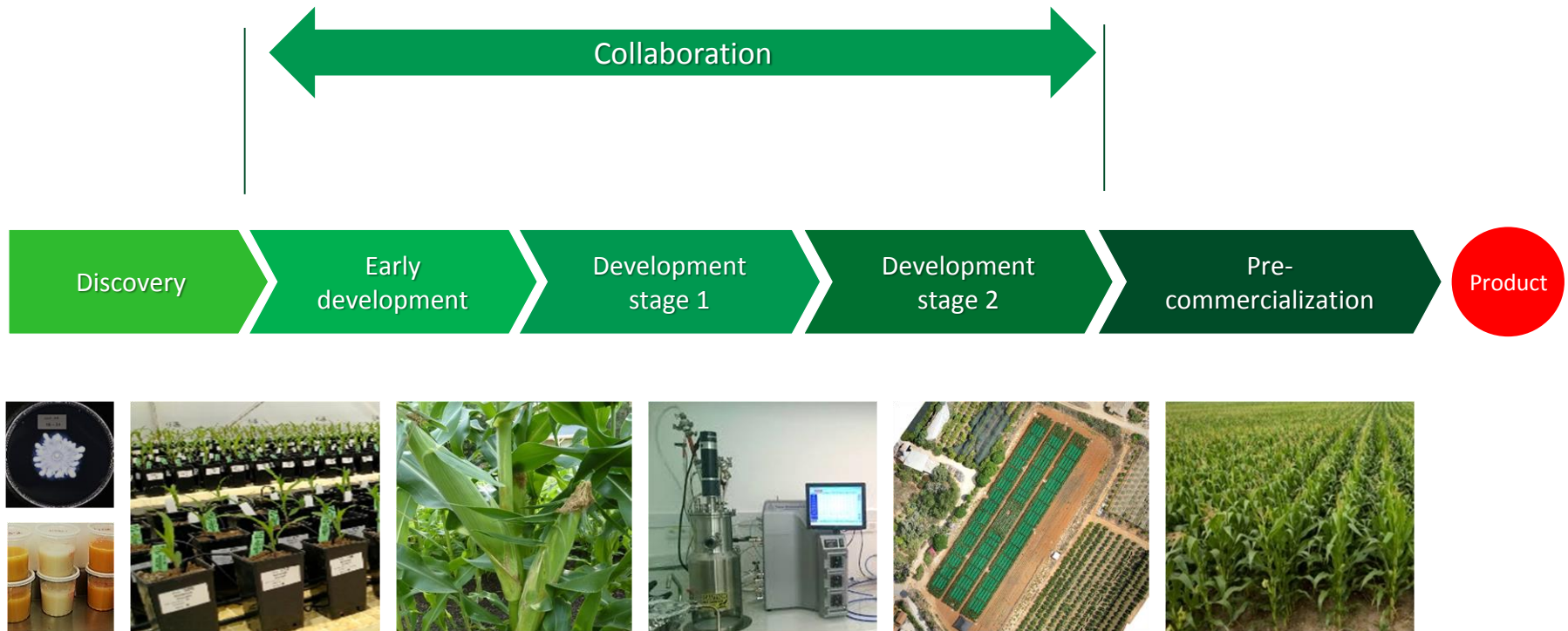


Metagenomics and Omics analyses



*Data based on industry research

Collaboration Structure



Collaborating parties

Evogene

- Leading biotechnology company for the improvement of crop productivity
- Proprietary predictive biology platform including artificial intelligence for research and development of ag-biologicals
- Downstream capabilities for formulation and fermentation to drive product development
- Discovered, validated and optimized microbial strain teams predicted to work as corn bio-stimulants

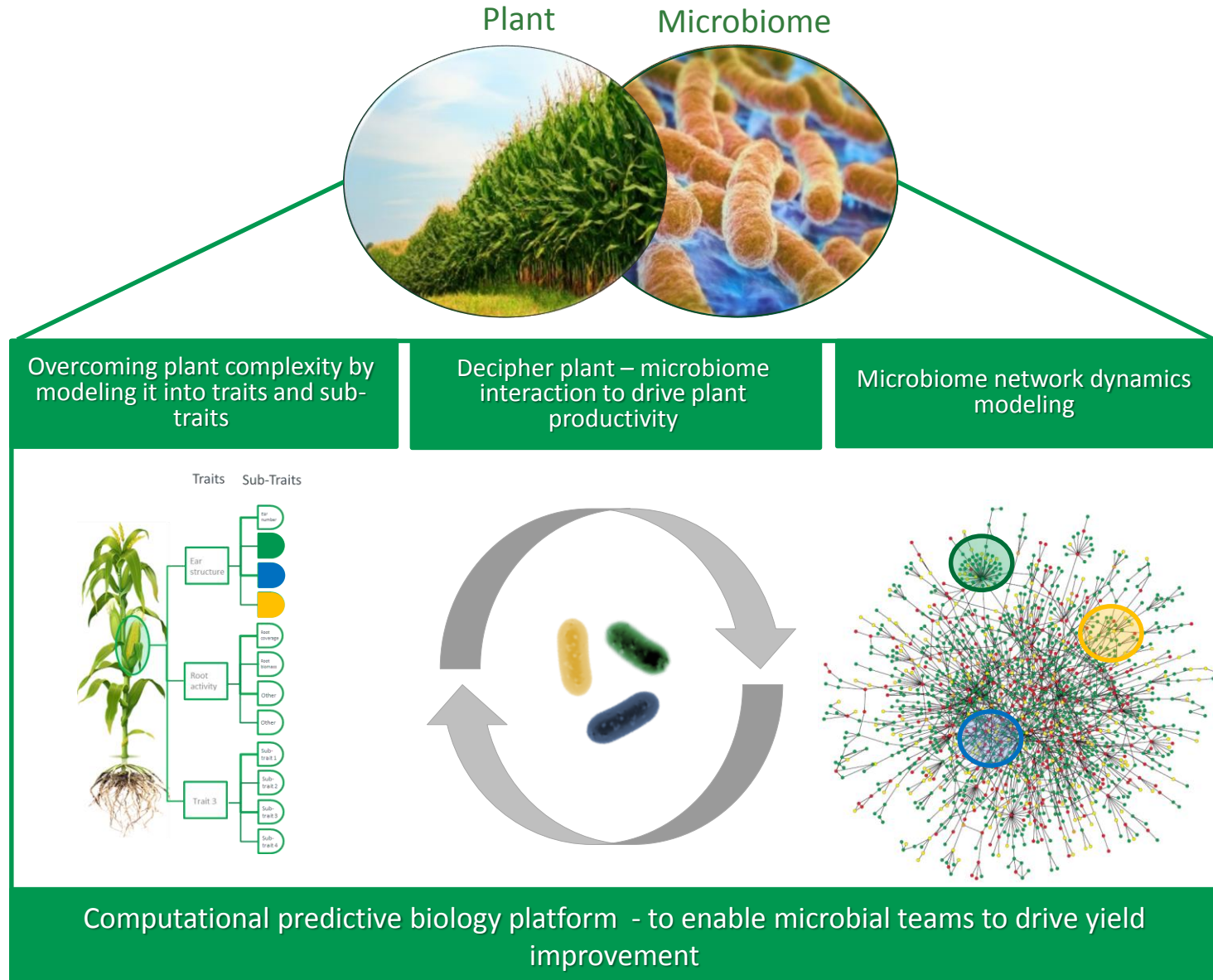
DuPont Pioneer

- World's leading developer and supplier of advanced plant genetics and insect, weed and disease control solutions
- Know-how on market needs and product definitions
- Broad field testing platform used to decrease time to market by early testing of promising candidates
- Access to market and proven track record of introducing new products

Combining Evogene's innovative technology with DuPont Pioneer's product development expertise and access to markets sharply enhances the potential to benefit from the emerging field of microbiome-based bio stimulants

Discovery and development of bio-stimulants

Evogene's Approach



Summary

- Microbiome science has dramatically evolved in recent years, and holds a significant opportunity for improving crop productivity
- Collaboration focus is 'new generation' bio-stimulants based on microbials - delivering yield increases with low investments
- DuPont Pioneer and Evogene are well positioned to harness plant-microorganism interactions to drive crop productivity by leveraging biological understanding and big data capabilities through dedicated computational platforms
- As part of the collaboration, proven microbial strains discovered and validated by Evogene will be further developed by the parties for the goal of commercialization by DuPont Pioneer for corn



Thanks



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