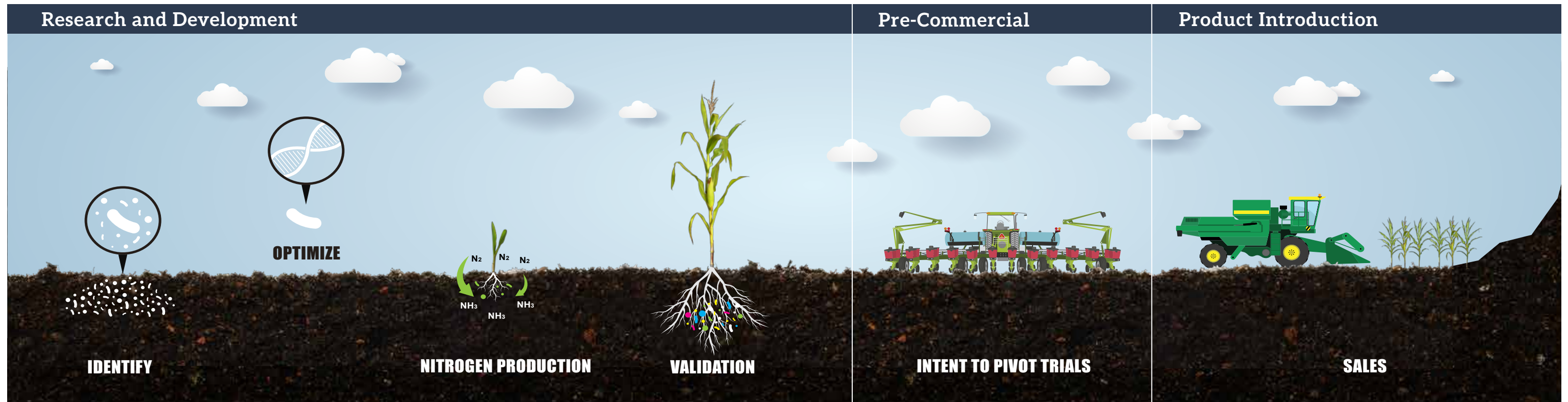


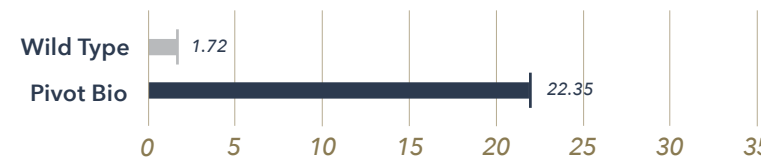
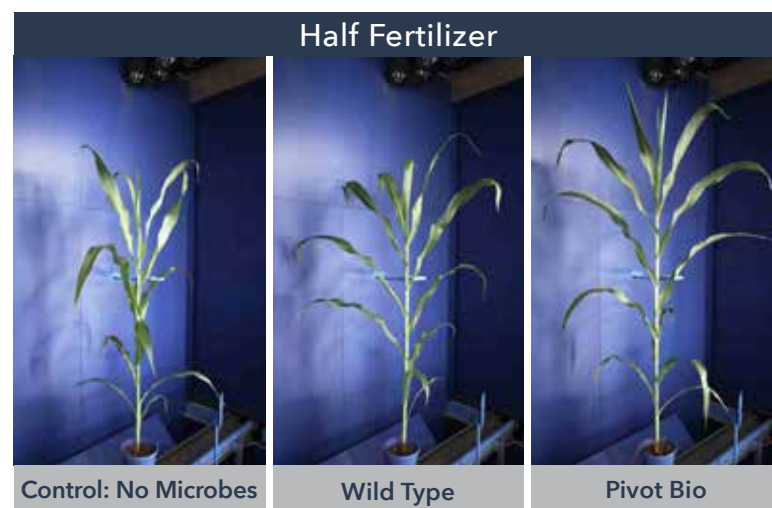
# NITROGEN PRODUCING MICROBES

From Product Development to Sales



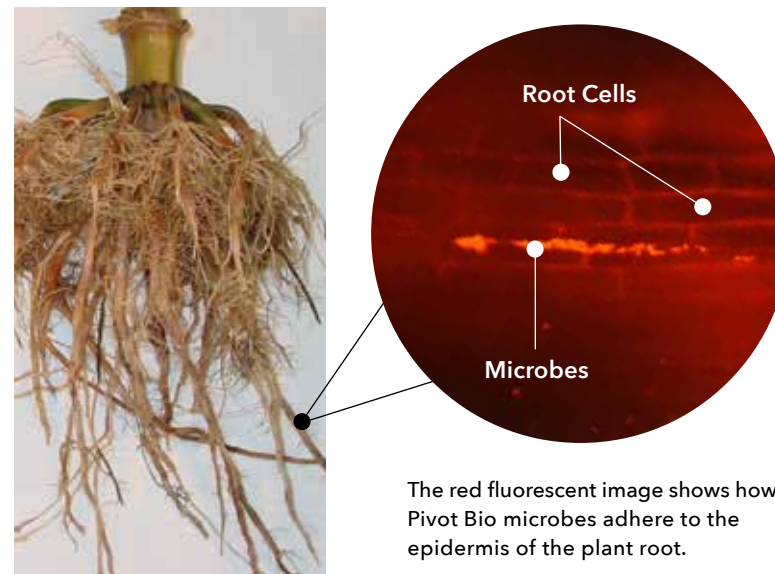
## Mode of Action

Pivot Bio optimizes microbes' natural ability to produce nitrogen for corn crops. In multi-year research studies, corn plants with Pivot Bio microbes show improved growth when compared to the control.



The graph (left) illustrates how Pivot Bio microbes produce nitrogen compared to the wild type of the same microbes that exist in the soil.

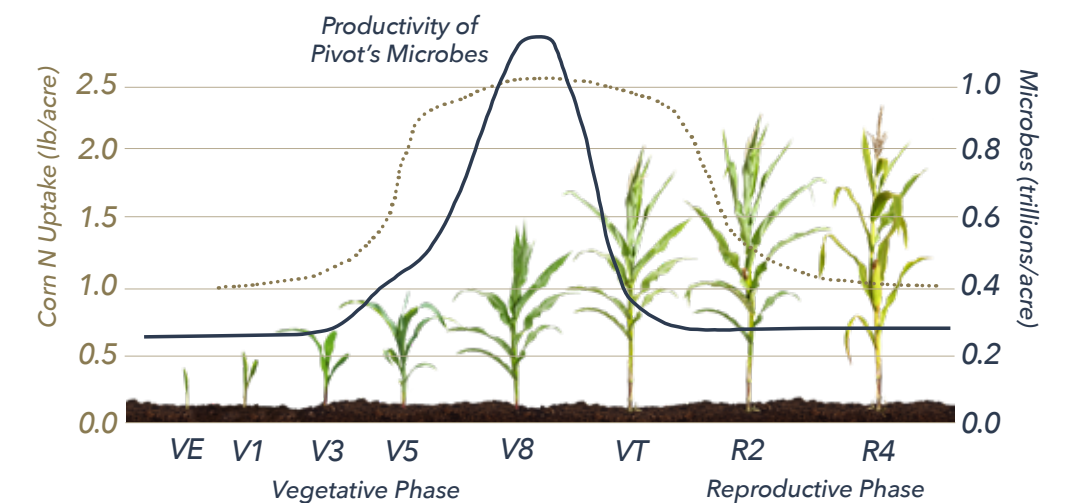
## Studies for Root Colonization



The red fluorescent image shows how Pivot Bio microbes adhere to the epidermis of the plant root.

The data from this fluorescent scan validates how Pivot Bio delivers sufficient and viable microbes to ensure robust colonization. Pivot Bio microbes feed off the exudates of the corn plant and deliver nitrogen to the plant daily and throughout its growth cycle.

## Nitrogen Utilization



The corn plants demand for nitrogen over the growth cycle is in correlation to the nitrogen production of Pivot Bio microbes.