In Chr. Hansen Plant Health, we use bacteria to develop and produce natural solutions for today’s farmers. Using our extensive scientific know-how to develop targeted microbial solutions for agriculture, we create natural protection that enables crops – and our customers – to grow.

**Bacteria offer natural protection for crops**

Chr. Hansen has decades of experience in developing and improving bacteria strains. We enhance the bacterial attributes that are beneficial to plants or can target diseases or pests.

**Why bacteria for plants?**

Bacteria have unique features that make them ideal for agriculture. They can colonize plant roots to create a physical and biochemical barrier that helps fend off stress and improve access to vital nutrients.

**40 million**
bacterial cells in one gram of soil

**What are bacteria?**

Bacteria are microscopic, single-cell microorganisms and are among the first life forms to appear on Earth. Most bacteria have not been characterized, and only about half can be grown in the lab!

**PROVEN RESULTS – NATURALLY**

Our bacteria solutions have been proven to have a significant effect on crop yields, pest and disease reduction and nematode protection.

**Breeding bacteria**

Chr. Hansen generates new bacteria strains by improving wild types or existing strains. We do this by exerting stress on them; for example, exposing them conditions such as stress, pathogens and drought.

**The benefits of the bacillus bacteria**

As a natural part of the plant microbiome, bacillus helps protect the plant against disease and pests – and protects roots against nematode attack.

To learn more about how we work with bacteria and Chr. Hansen Plant Health products go to: [www.chr-hansen.com/en/plant-health](http://www.chr-hansen.com/en/plant-health)