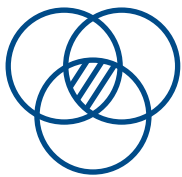




In Chr. Hansen Plant Health, we use bacteria to develop and produce natural solutions for today's farmers. Using our extensive scientific know-how to develop targeted microbial solutions for agriculture, we create natural protection that enables crops – and our customers – to grow.

Improving soil health with QUARTZO®

QUARTZO® is an in-furrow biological nematicide that protects crops from nematodes and increases crop yields.



Physical
Chemical
Biological

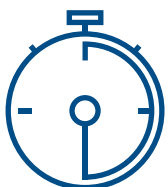
Soil is a complex ecosystem

The physical, chemical and biological characteristics of soil all interact – and all three need to be considered when evaluating its health.

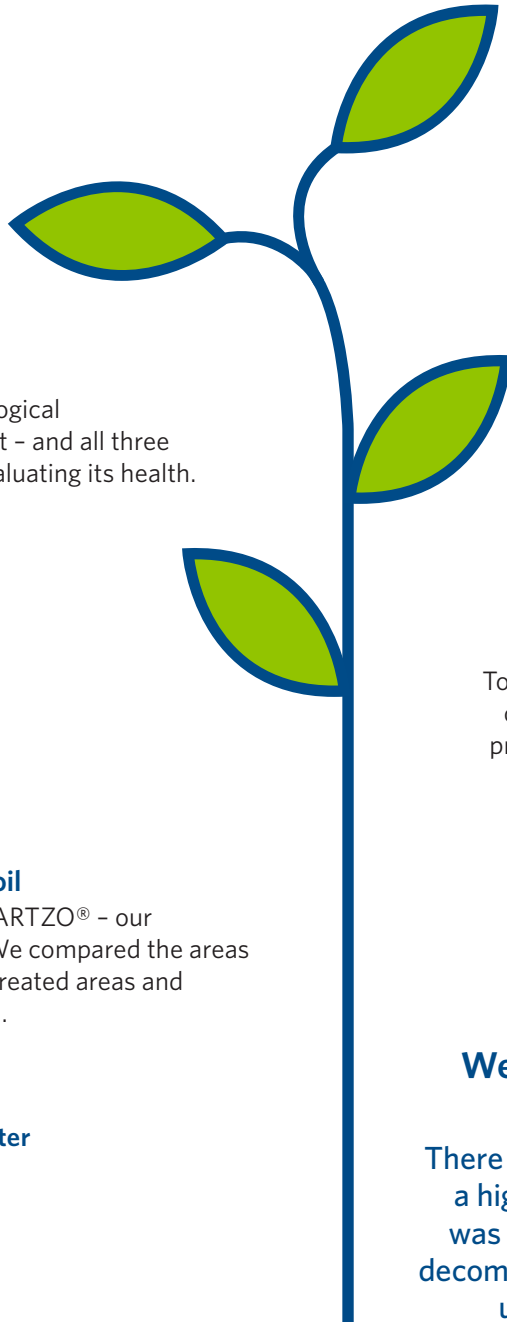


Plant Health biologicals in soil

We evaluated the action of QUARTZO® – our biological nematicide – in soil. We compared the areas treated with QUARTZO® to untreated areas and measured the activity in the soil.

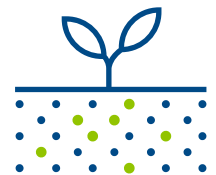


Measured after
60 days and
90 days



Healthy soil produces healthy crops

Healthy soil is crucial in supporting sustainable agriculture and protecting plants from harm and disease.



What is healthy?

To be healthy, soil should contain a high level of biological activity, low weed and disease pressures, a high level of organic matter and good water infiltration and retention.

We determined that QUARTZO® improves the health of soil

There was an increase in productivity and a higher number of soil enzymes. There was also an increase of organic material decomposition and nutrients cycling – and ultimately an increase in soil quality.