

GROWTH CHAMBER TRIAL REPORT

Trials conducted on
MINT - Cold Stress

OCEAN
RAINFOREST

SAKARI
BOOST

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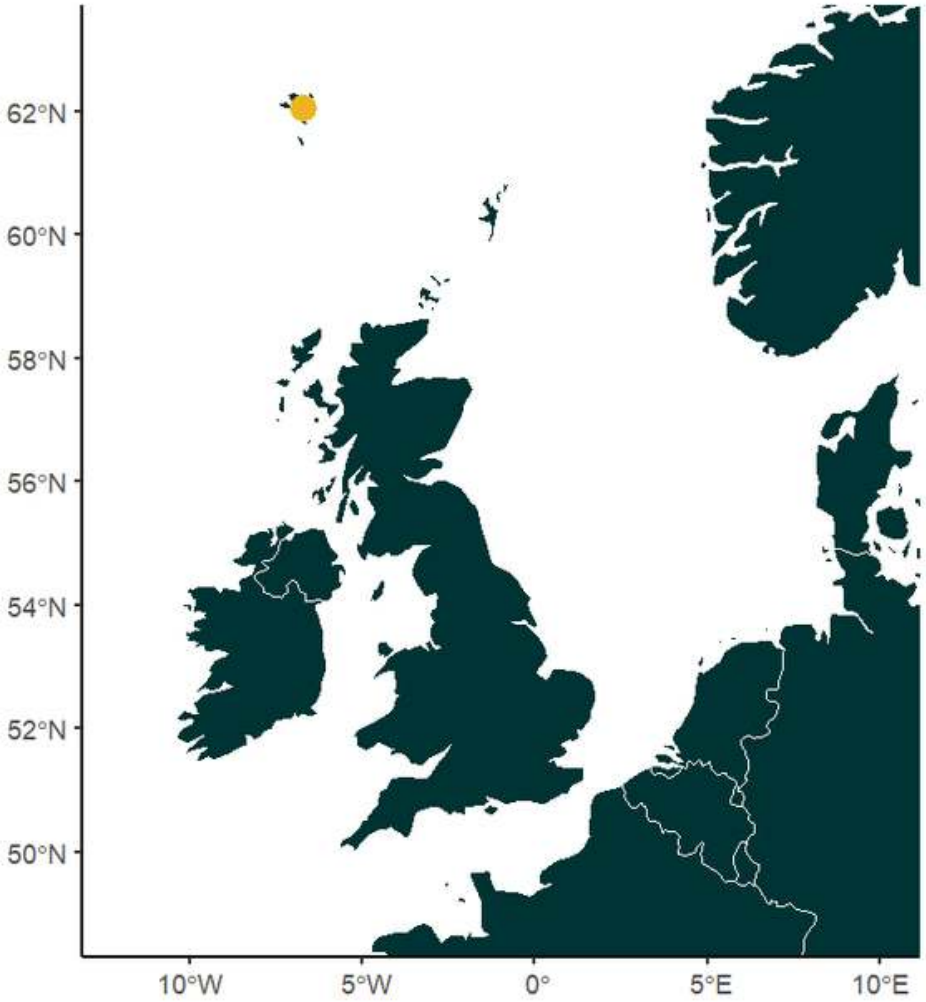
SEAWEED FOR A BETTER LIFE

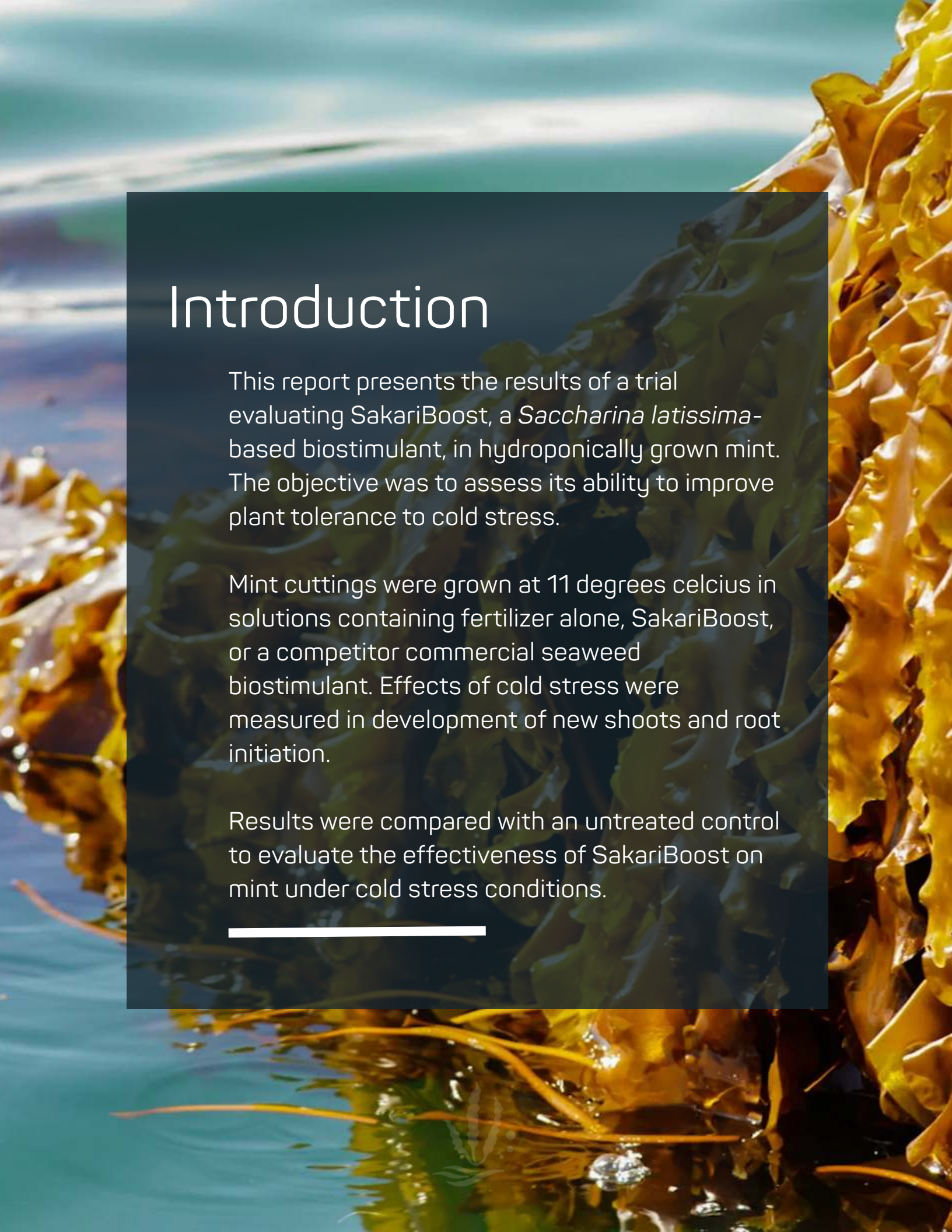


Field Test Overview

Product: SakariBoost
Crop: Mint
Season: 2026
Objective: Evaluate the effect of SakariBoost on the resilience of mint against cold stress

Location: Kaldbak, Faroe Islands





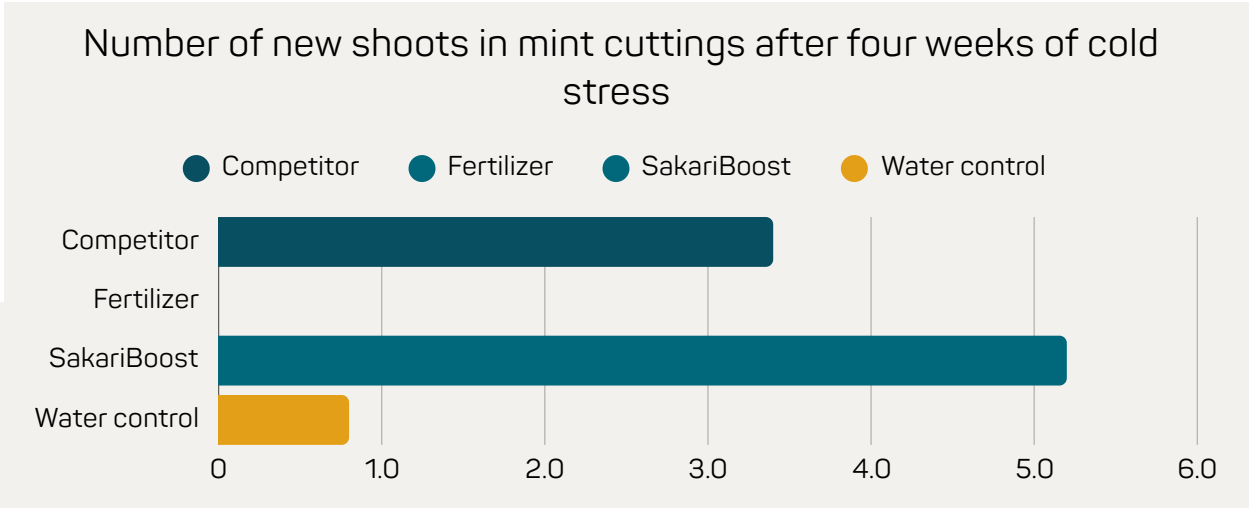
Introduction

This report presents the results of a trial evaluating SakariBoost, a *Saccharina latissima*-based biostimulant, in hydroponically grown mint. The objective was to assess its ability to improve plant tolerance to cold stress.

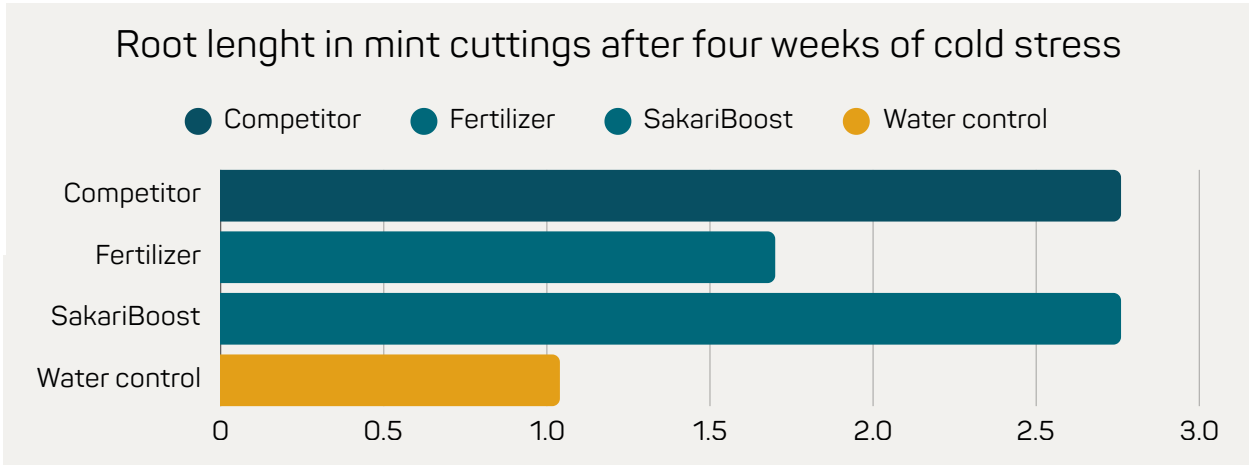
Mint cuttings were grown at 11 degrees celcius in solutions containing fertilizer alone, SakariBoost, or a competitor commercial seaweed biostimulant. Effects of cold stress were measured in development of new shoots and root initiation.

Results were compared with an untreated control to evaluate the effectiveness of SakariBoost on mint under cold stress conditions.

Results



Six days after initiation of the test, SakariBoost had the highest number of new side shoots compared to all other groups.



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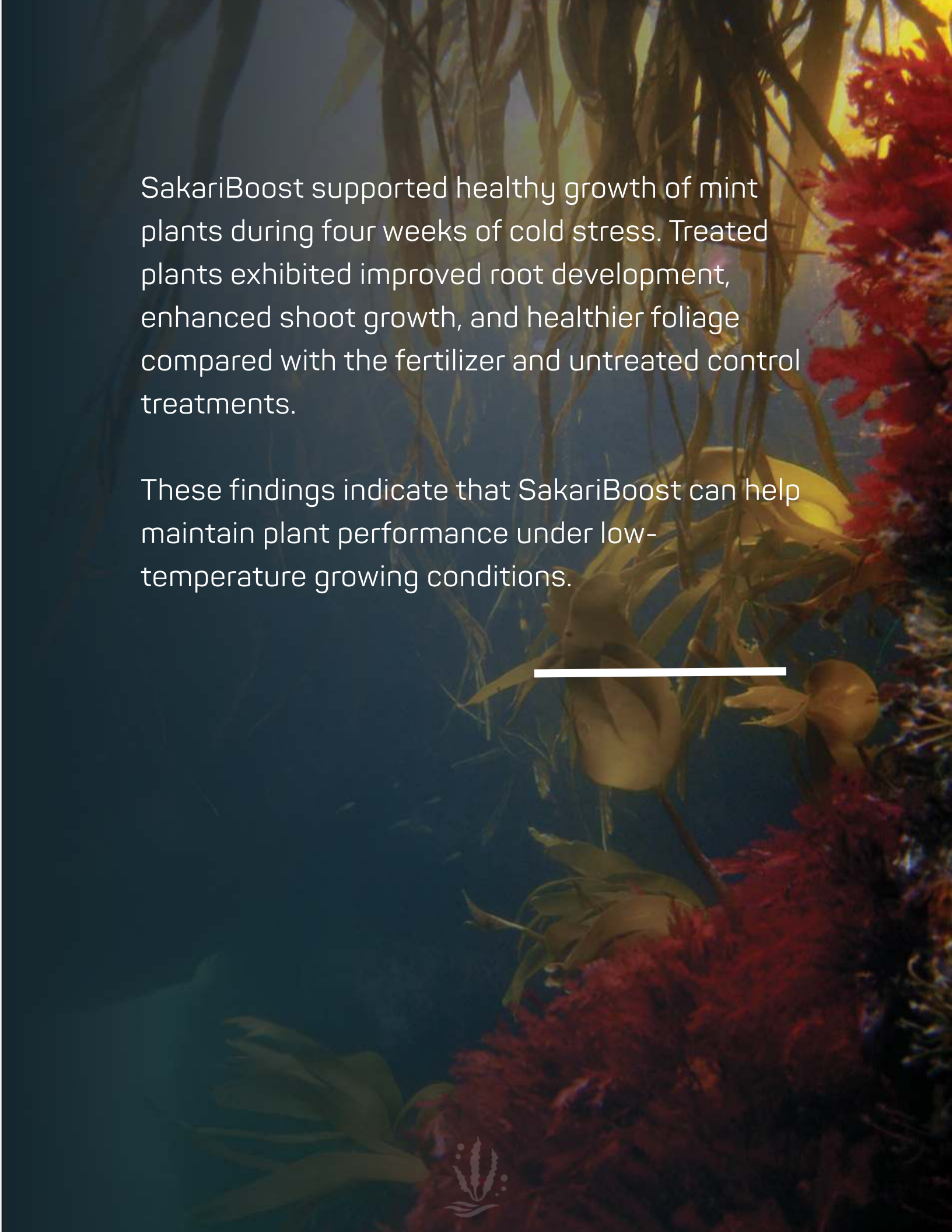

SakariBoost supported healthy growth of mint plants during four weeks of cold stress. Treated plants exhibited improved root development, enhanced shoot growth, and healthier foliage compared with the fertilizer and untreated control treatments.

These findings indicate that SakariBoost can help maintain plant performance under low-temperature growing conditions.

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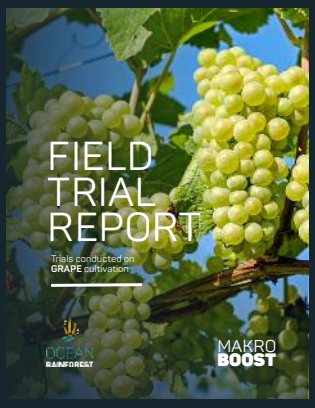





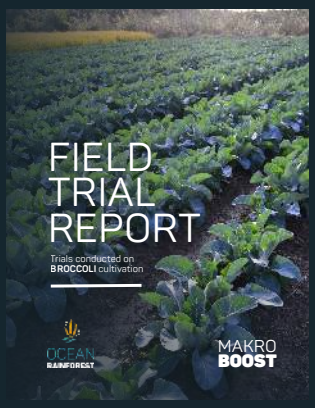





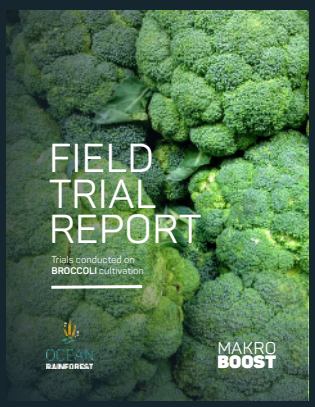







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