



**AgrInnovation Program Stream B**

**Final Performance Report**

This template is aimed to provide a summary of the performance results achieved against the targets identified in the work plans for the Contribution Agreement (CA) and the Collaborative Research and Development Agreement (CRDA) during the entire life of the activity/project.

Please write for a general audience using plain language. Do not include sensitive or confidential information.

Name of Recipient: Canadian Ornamental Horticulture Alliance	
Project Title: Canadian Ornamental Horticulture Research and Innovation Cluster	
Project Number: AIP-CL20	Period Covered by Report: 2014-04-01 to 2018-03-31
Activity #: COHA 10 Name of Activity: Eco-integrated green walls for indoor gardening and commercial building	Principal Investigator: Dr Blanche Dansereau Dr Martine Dorais
Start Date (YYYY-MM-DD): 2014-04-01	End Date (YYYY-MM-DD): 2018-03-31

**1. Summary of Performance Results for the entire life of the activity/project**

**Targets:** Should be the sum of the targets that were set out in the work plan of the CA and in the Performance Measures Table for projects with a CRDA.

**Results Achieved:** Should be the sum of the results reported in all your Annual Performance Reports (APRs) including results achieved under the activities both in the CA and the CRDA.

**Explain any variance:** If the targets and the results achieved are different, provide a brief explanation using plain language. If there is no difference between the targets and the results achieved, leave it blank. Do not list each item of the results achieved here as they were already reported in the APRs. If a result was finalized but not included in any of the APRs, it can be reported here; however, you need to provide a brief description about the result and a brief explanation about why it was not reported in an APR.

Performance Measures	Targets	Results Achieved	Explain any variance between targets and results achieved. Use plain language.
# of Intellectual property items flowing from the project			N/A
# of new/improved products	<b>1</b>	<b>0</b>	Industry was unable to supply compressed layered growing medium for test in walls. Product research dept was still developing the material and was not available for testing.
# of new/improved processes or systems			N/A
# of new/improved practices	<b>1</b>	<b>1</b>	
# of new varieties			
# of new/improved genetic			N/A



materials			
# of new/ improved gene sequences			N/A
# of improved knowledge			N/A

2. New/Improved Products: Of the new/improved products developed and reported above during the project, which products have commercial potential? Which have been commercialized? And which have been used/adopted by the sector? Explain what stage each product is at and the impact on the sector.

N/A

3. What is your target audience for sharing information about the results of your project? Describe your strategy and success in reaching this target audience.

The target audience are the professionals in horticulture that are involved in technology transfer of information that have been validated in support to the use of vertical walls for indoor gardening for home, residential and public buildings. This information has been shared through symposiums and professional meetings held in Canada or abroad. This project involved the use of vertical structures as indoor walls with which several growing medium were tested with or without additional biostimulants/Si, together with the use of LED lighting. Through the results we were able to determine the most sustainable plant species, growing medium, lighting conditions and agronomic practices that will minimize abiotic and biotic stresses ensuring high quality living walls.