

# PROJECT REPORT 1

## CO-OP STUDENT GREENHOUSE TRAINING PROGRAM

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### OBJECTIVES

To teach the students the greenhouse structures, climate and its controls, and the principle of the greenhouse productions. To train the students the basic skills, operation procedures and techniques, and managing a greenhouse business. To prepare and attract the new talents for the future of the greenhouse industry.

### PROCEDURES

- i. The qualified trainee students will be recommended by Olds College and hired through the proposed funding by GRPC.
- ii. The students hired will be assigned to the greenhouses and projects working with GRPC supervisors.
- iii. The on-site training will be carried out with Argus computer control systems, IPM programs, and different on-going projects.
- iv. The other greenhouse tours may be arranged to Red Hat Co-op greenhouses if necessary.
- v. The program report and evaluation will be done by both trainees and their supervisors.
- vi. The final program report will be done by GRPC and Olds College.

### ACTIVITIES

The first trainee student, Michael Little from Olds College, started his greenhouse co-op student project in June 6, 2012 at Greenhouse Research and Production Complex, Brooks, Alberta. He was assigned on the different greenhouse programs and activities, including climate controls with John Zhang, plant registration and light measurement with Pat Cote, IPM with Simone Dalpe, water and nutrient management with Nabeel Mohammed, and numerous crop routine works with our greenhouse staff. He finished his training on August 31<sup>st</sup> (Student Report attached).

During his project, he worked hard with the ARD greenhouse team at Brooks. The greenhouse facility and programs gave him great impression, stimulated his enthusiasm in greenhouse production. He had few conversations with John and expressed his great interest in a greenhouse operation and business management in his future professional career. He participated in the GRPC Open House in September 12, 2012.

We, GRPC and Olds College, are planning to hire the second student in April, 2013.

