

THE CLOUDBERRY: QUEBEC'S SUPER-FRUIT, A RESEARCH MODEL TO BE IMPLEMENTED IN RURAL QUEBEC

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Introduction

The Lower North Shore of Quebec is geographically and politically separated from the industry and research community, making it difficult to be engaged in the regions development.

Cloudberryes are native to the this region and are an important aspect of their culture and economy. This super fruit has a lot of potential in the food, nutraceutical and pharmaceutical market due to its nutritional and antioxidant profile.

Objectives

Create a research model to integrate the community as an active participant of the project.

Develop a sustainable model for wild cloudberry harvesting, and supplemental agriculture production to mitigate the pressures on the natural resource.

Results



Workshops and Knowledge exchange sessions



TAKE A CLOSE LOOK !
Which is the female, which is the male ?



Hands on training in the cloudberry ecosystem



Micropropagation and transition into the field

Procedure

1. Meet key stakeholders of the region
2. Host workshops to facilitate the exchange of traditional ecological knowledge and the findings of the research community
3. Develop pilot projects surrounding harvesting from the wild
4. Develop a remote micropropagation lab
5. Develop and agricultural trial site for cloudberryes

Conclusion

Actively integrating the population in this research has allowed this project to progress over 5 years. The micropropagation and sustainable field harvesting is going very well and operating sustainably.

All Cloudberry seedlings are currently still at the hardening phase before entering the field. The plantation of the first experimental agriculture plot is planned for the field season of 2021.

Thank-You

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