

# Scaling Up Switchgrass :

**A perennial herbaceous biomass crop**

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**REAP-Canada**

Resource Efficient Agricultural Production

# Overview

***REAP-Canada a 25+ year field experience in Eastern Canada developing perennial biomass crops for the bioenergy and bioproducts sector***

- **Main reasons: Unlimited supply, improved quality and high sustainability**
- **Constraints we have had to overcome to commercialize**



# **Factors Influencing Farmers Decisions to Grow Perennial Biomass Crops**

## **Positive Influence**

- **Profitability of growing the crops is good**
- **Farmers looking for better income for their marginal crop land**
- **Has diverse market applications**

## **Negative Influence**

- **Uncertainty about yields/price**
- **Establishment: High cost / high risk / long period to establish**
- **Negative revenue streams during the establishment phase**



<https://youtu.be/hWnwcOUNk-k>