

Presentation Plan

Part II

Part I

- ☐ Introduction
- ☐ Weather
- ☐ Introduction of new technologies
- ☐ New small fruit test plots
 - Fall-fruited raspberry
 - Seasonal adjusted strawberry
 - Haskap

Part II

- Cherry
- Saskatoon Berry
- ☐ History of completed trials 2008 - 2009
- ☐ Conclusion

Hardy SK Cherry



Zone 2b (-40 °C)



Hardy SK Cherry



Cherry's crossbreeding = Siberia + North of Europe



SK Cherry cultivars



Cultivars	Height (m)	Harvest	Brix *	Weight (g)	
				stone	fruit
Carmine Jewel	2 to 2.5	July/Aug	17	0.15	3,5
Roméo	2 to 2.5	Aug./Sept.	22	0.20	4
Valentine	2 to 2.5	mid of Aug.	15	0.25	4,5
Crimson Passion	1.8	mid of Aug.	22	0.28	6
Juliet	2 to 2.5	mid of Aug.	20	0.25	5
Cupid (Big Late)	2 to 2.5	Aug./Sept.	19	0.35	6,5

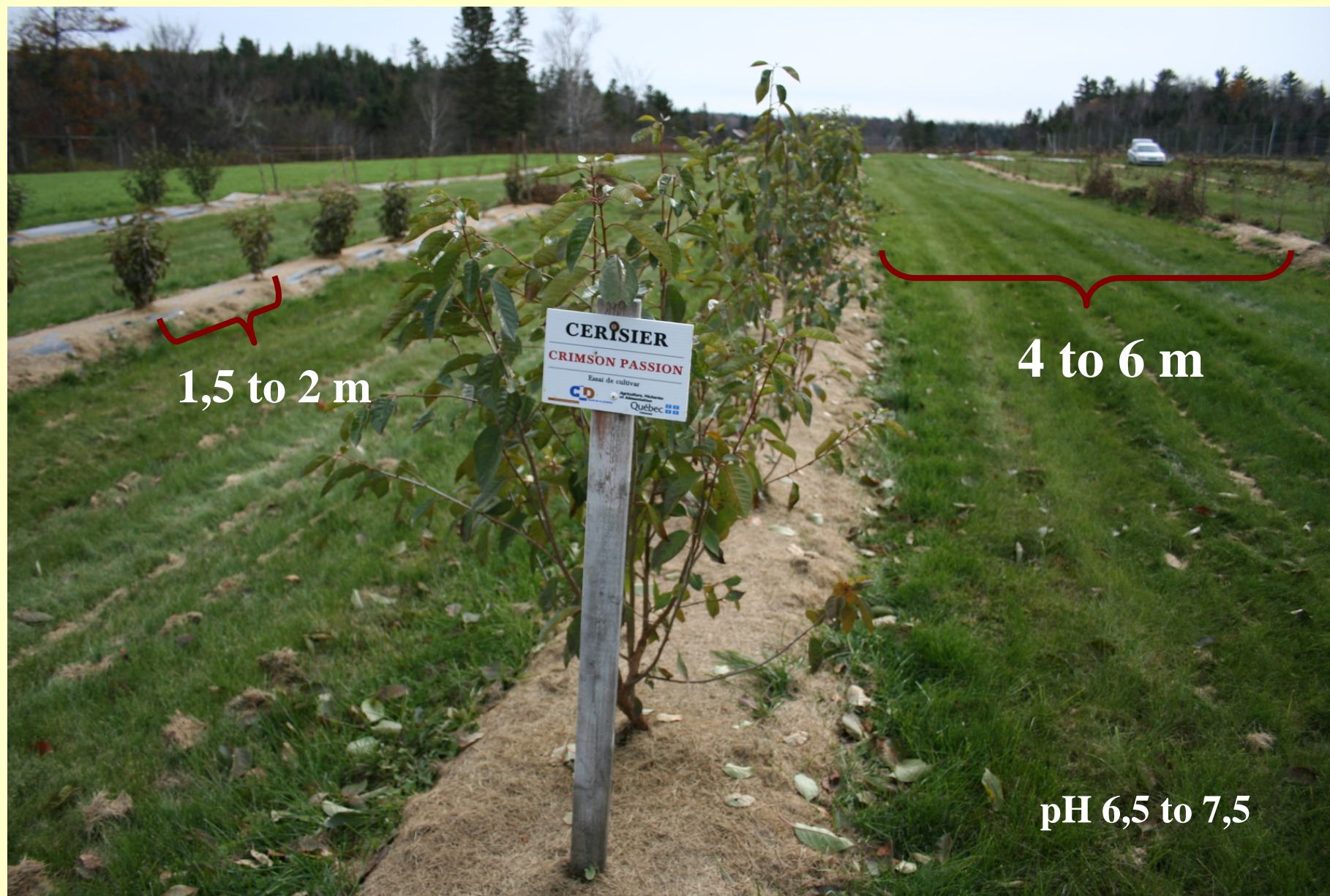
***Brix = measure of the sugar level in the fruit**

8 enterprises in the GV

Evans and Montmorency 13 and 12 % of Brix

Hardy SK Cherry

Crimson Passion



1,5 to 2 m

4 to 6 m

pH 6,5 to 7,5

Hardy SK Cherry

Crimson Passion



August 2008



October 2009

Hardy SK Cherry

Valentine



Grows very quickly



Hardy SK Cherry

August



Yield : 10-15 kg/shrub

- First fruit 3 years
- Harvesting potential after 5 years
- Full harvest 7 years



Photo: Université Saskatchewan



Cherry SK

Large variety of uses:



Potential market :

Handpicking

Kiosk sale (fresh fruit or frozen)

Transformation at the farm



To stone



Properties :

- Antioxidant and anthocyanin
- Vit. A, C and E
- B carotene (400mg /100g)

Photo: Université Saskatchewan

SK Cherry Pests

Big Late



Deer fence necessary



Photo: Université Saskatchewan



Young plantations, chicken wire can be a temporary solution

Sk Cherry Pests



Peach moth

(*Grapholitha molesta*)

No pesticides approved



Blach Cherry Aphid

(*Mysus cerasi*)

carbaryle, diazinom and malathion



Saskatoon Berry



Zone 2b (-40 °C)



Saskatoon Berry



Native from the North of America (QC 16 sp)



1,8 to 2,5 m

Cultivars :

1. Honeywood
2. Northline
3. Smokey
4. Thiessen
5. Drapeau I
6. Drapeau II
7. Trapis
8. Issac

6 enterprises GV

Saskatoon Berry



Windbreak



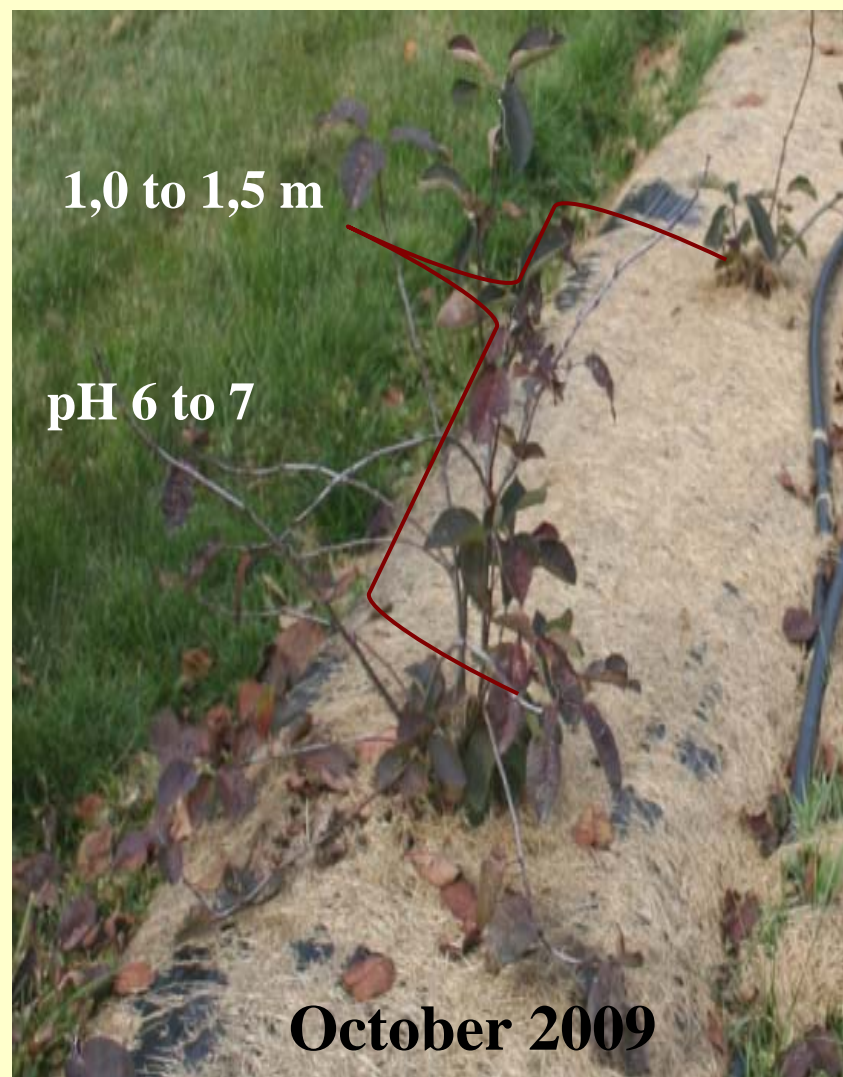
Photo: André Gagnon, agr.

Saskatoon Berry

Drapeau I



Average growth late



Saskatoon Berry

Mid-July to early August



Yield : 4000 kg/ha (13 000 kg/ha)

- First fruit 3 years
- Full harvest 5 years

Handpicking very popular in SK



Saskatoon Berry

Large variety of uses



25 processors in
Westerns Canada



History of completed trials 2008 - 2009

Small fruit	Enterprises	Cultivars
Dwarf SK Cherry	8	6
Haskap	6	11
Blueberry	5*	8
Saskatoon berry	6	8
Fall-fruiting raspberry	3*	5
Seasonal adjusted strawberry	2*	3
Total	9	

*** Trials under high tunnels**

Minimum of 10 plants per cultivar

Conclusion

Mid of June



End June - July



Mid of July - August



Mid of August



August



September



THANK YOU!

