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RESEARCH INNOVATION

ACUG 15-C2 CRANBERRY BEAN

Developed by the University of Guelph Dry Bean Breeding Program

Breeders: Tom Smith thsmith@uoguelph.ca & K. Peter Pauls ppauls@uoguelph.ca

ACUG 15-C2 is a mid season maturity cranberry bean with excellent yield and good seed size.

Variety	Yield kg/ha[a]	Maturity DAP[b]	100 Seed Weight (g)	Suitability for direct harvest[c]
15-C2	**2587**	**93**	**59.5**	**3.1**
Red Rider	2531	93	64.4	3.5
Etna	2352	89	63.8	3.4
CV	13.5	1.9	NA	NA
LSD	410	1.6	NA	NA

[a] 2015 & 2016 PCC Performance data

[b] Days to maturity after planting

[c] Suitability for direct harvest (harvestability) is based on a scale of 1-5, where 1 = upright plant type, standing erect with good bottom pod height and 5 = more prostrate plant type that are not erect, with poor bottom pod height* (2015 OPCC Variety Registration Trials)

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Disease Reaction

Variety	BCMV		Anthracnose [b]		
	Race		Race		
	1	15	17	23	73
ACUG 15-C2	NA	NA	NA	NA	**R**
Red Rider	R	R	R	R	R
Etna	R	R	S	S	R

[a] R = Resistant, S = Susceptible, NA = Not Available

[b] Anthracnose ratings, the predominant race found now in Ontario is Race 73. Race 17 (binary system) is equivalent to the Alpha race, race 23 (binary system) is equivalent to the Delta race.*

* Adapted from GoBeans.ca Infosheets

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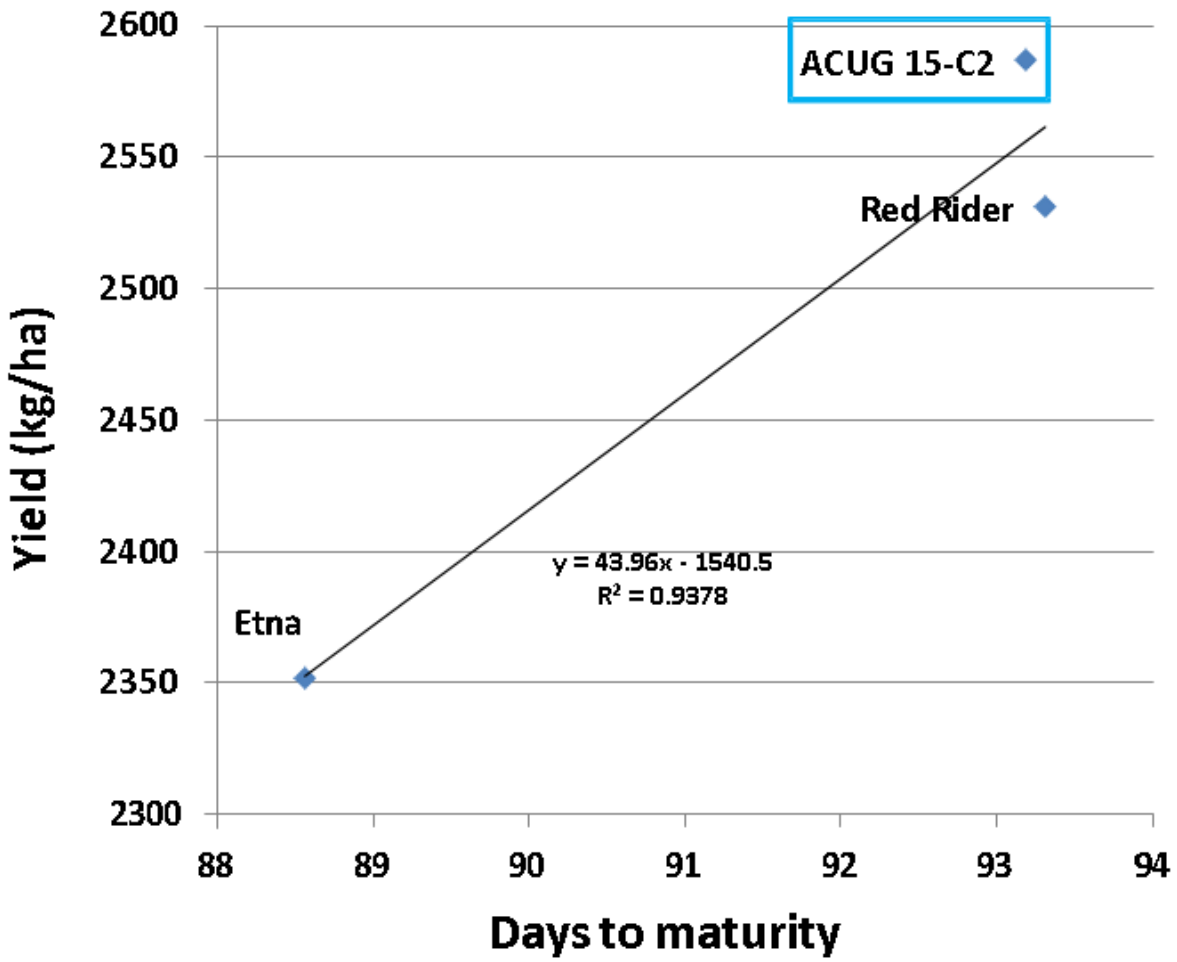
Yield-Maturity Index



[a] 2015 & 2016 OPCC Performance data
[b] Days to maturity after planting

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