

Cranberry Bean ‘OAC Navabi’



**Developed by University of Guelph Dry Bean Breeding Program Breeders:
Tom Smith & K. Peter Pauls**

‘OAC Navabi’ is an early maturing cranberry bean with excellent yield, good seed size and resistance to both races of bean common mosaic virus, race 1 and 15, as well as race 73 of anthracnose.

Performance Data*

Varieties	Market Class	Yield (lbs/ac) ^a	Maturity (DAP) ^b	100 Seed Weight (g)
OAC Navabi	Cranberry	2,281	85	62
Etna	Cranberry	2,069	85	64
OAC Candycane	Cranberry	2,475	90	66
OAC Firestripe	Cranberry	2,475	89	67
Red Rider	Cranberry	2,300	92	61
Vero	Cranberry	1,932	87	62
OAC Racer	Cranberry	2,037	86	63
Dynasty	Dark Red Kidney	2,341	92	64
Gallantry	Dark Red Kidney	2,312	90	58
Red Hawk	Dark Red Kidney	1,836	88	56
Mean		2,203	89	63

a 2017-2021 OPCC Performance data, 18 location years

b Days to maturity after planting. Varieties are rated as mature when 95% of the pods are ripe.

* Adapted from GoBeans.ca Infosheets.



**RESEARCH
INNOVATION**

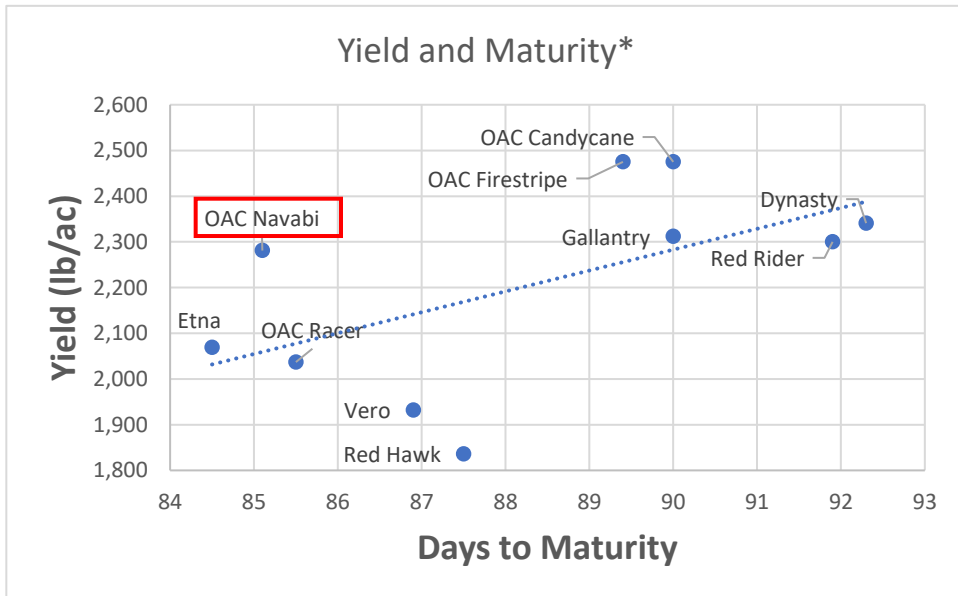
K. Peter Pauls
Department of Plant Agriculture
University of Guelph
ppauls@uoguelph.ca

Disease Reaction ^a

Variety	Bean Common Mosaic Virus		Anthracnose		
	R 1	R 15	R 17	R 23	R 73
OAC Navabi	R	R	NA	NA	R
Etna	R	R	S	S	S
OAC Candycane	R	R	NA	NA	R
OAC Firestripe	R	R	NA	NA	R
Red Rider	R	R	R	R	S
Vero	NA	NA	NA	NA	NA
OAC Racer	R	R	NA	NA	R
Dynasty	R	S	R	S	R
Gallantry	NA	NA	NA	NA	R
Red Hawk	R	R	R	S	R

a R = Resistant, S = Susceptible, NA = Not Available.

b anthracnose ratings, the predominant race found 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.



Data from 2017-2021 OPCC Performance Trials, 18 location years

* Adapted from GoBeans.ca Infosheets

K. Peter Pauls
 Department of Plant Agriculture
 University of Guelph
 ppauls@uoguelph.ca