

2015 Update to Cranberry Growers

- See Rutgers Yield data, by Variety and State, collected via licensee Annual Reports
- May assist growers in making purchase, planting, and propagation decisions



Rutgers Crimson Queen® Variety
(left) vs 'Stevens' variety

Rutgers Scarlet Knight® Variety
after 4 months storage



Highlights

CQ = Crimson Queen®
MQ = Mullica Queen®
D = Demoranville®

- Highest yield, barrels/acre:
 - ✦ WI:738 Mullica Queen®
 - ✦ MA: 624 Demoranville®
 - ✦ NJ: 508 Crimson Queen®
- WI grower averaged 660 barrels/acre MQ over 5 years
- Same WI bed had MQ yields in 3 consecutive years of 690, 555, and 738 barrels/acre, showing that yields remain stable after a heavy harvest
- Average yield for all Rutgers varieties higher than highest reported USDA NASS data
- New information available for the most recent releases, see page 3:
 Scarlet Knight®, Welker™, Haines™ cranberry varieties



Grower Annual Reports Summary

Crimson Queen® , Mullica Queen® , Demoranville®

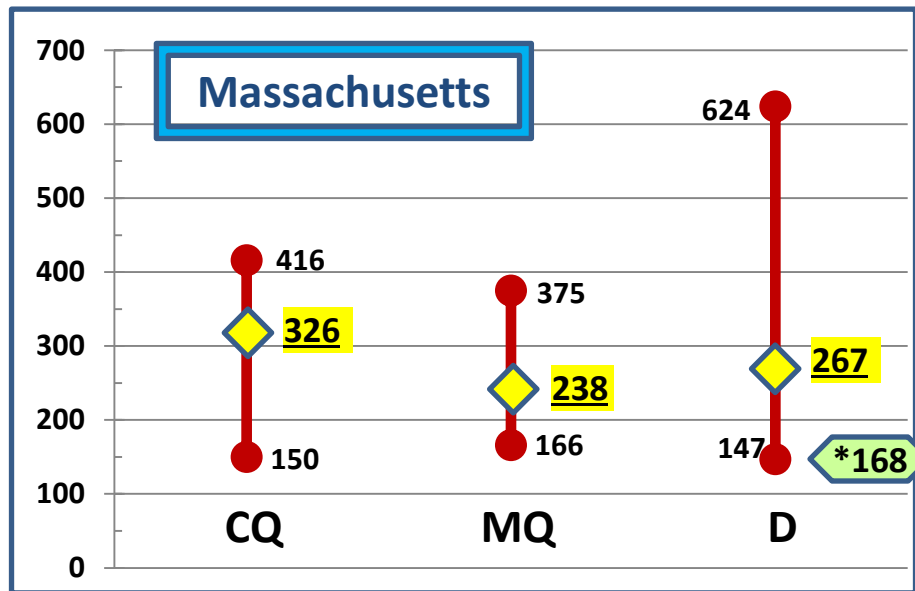
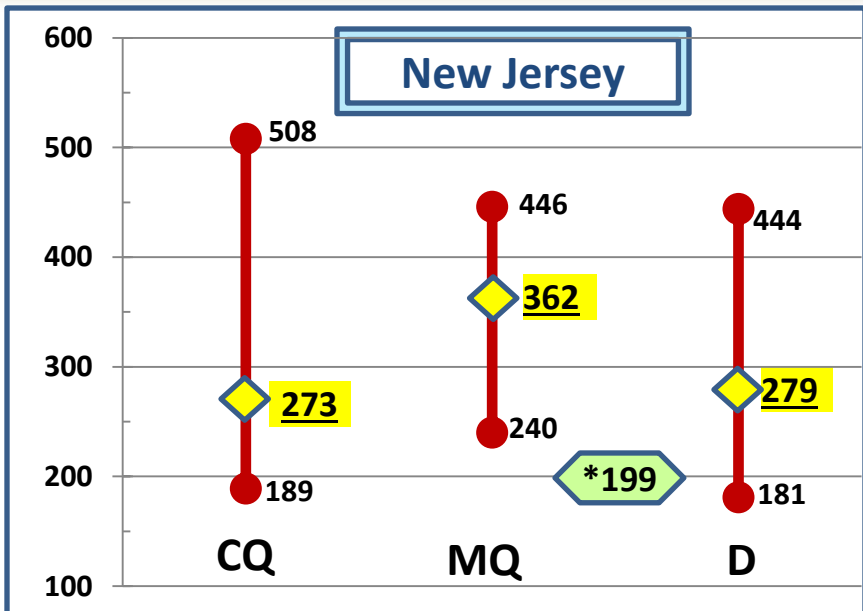
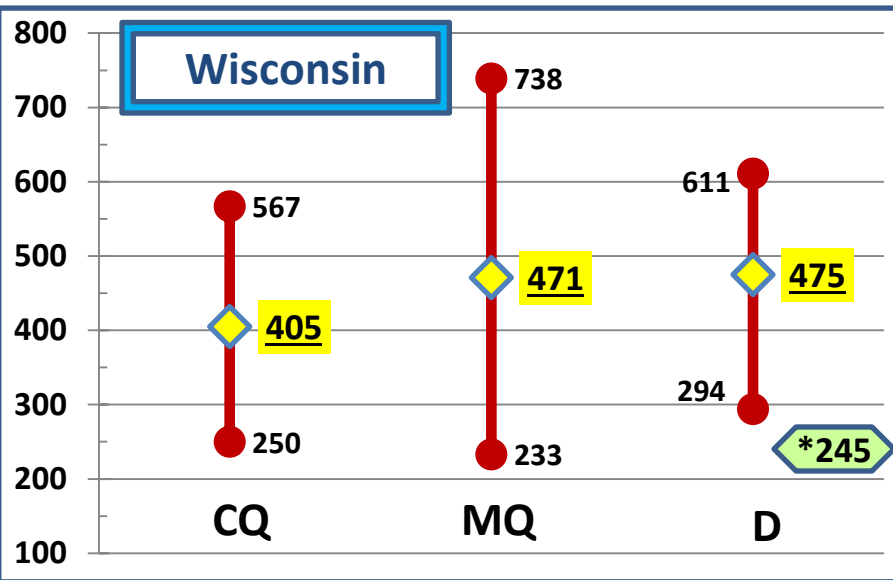
- Data: NJ, MA, WI ; years 2007–2014.
- Date based on Beds 2+ years old; 2 or more Growers reporting
- Assumed to be Usable Yield (typically 93%-96% of gross yield)
- For more information or copies, see page 4
- No specific grower data is provided

Maximum Yields, barrels/acre, all varieties:

★ WI 567 – 738 ★ MA 375 – 624 ★ NJ 444 – 508

*USDA NASS data: MAXIMUM yields yrs 2010–2013 shown

Barrels/Acre Reported • Yield: High, Low, Average



Summary Attributes of Rutgers Cranberry Varieties

<u>Variety</u>	<u>Typical Ripening Period</u>					<u>Peak TAcY Color</u>	<u>Vine Vigor</u>	<u>Yield Potential</u>	<u>Typical Berry Wt. (g)</u>	<u>Berry Shape</u>	<u>Fruit Rot Susceptibility</u>
	Sept.	October			Nov.						
	Mid-Late	Early	Mid	Late	Early						
Crimson Queen®	Ripening Season					High = 60 Low = 20				Ovate = egg shape	
	Bloom Period	Early June				High	High	High NJ to 400 WI to >600	2 – 2.5	Ovate – Elliptic	Moderate
Mullica Queen®	Ripening Season										
	Bloom Period	Early June				Low-Mod	High	Very High NJ to >400+ WI to >700+	2 – 2.5	Ovate – Elliptic	Low – Moderate
Demoranville®	Ripening Season										
	Bloom Period		Mid June			High	Low – Moderate	High NJ to 400 WI to 700	2 – 2.5	Ovate – widely Elliptic	Moderate
Scarlet Knight® {+ Best keeping}	Ripening Season										
	Bloom Period		Mid June			Very High	Moderate	Mod NJ 300-400 WI 400-500	1.5 – 2	Wide Ovate -- Round	Lower
Haines™	Ripening Season										
	Bloom Period		Mid June			Mod	High	Very High NJ to >400+ WI to >700+	1.8 – 2	Round – Widely elliptic	Low – Moderate
Welker™	Ripening Season										
	Bloom Period	Early June				Mod-High	Very High	Very High NJ to >400+ WI to >700+	1.8 – 2	Ovate	Moderate (in OR, WA, B.C.) – High
Stevens	Ripening Season										
	Bloom Period		Mid June			Low	Mod-High	Mod-High NJ to 250+ WI to 350+	1.8 – 2	Elliptic	Moderate
Ben Lear	Ripening Season										
	Bloom Period	Early June				High	Low-Moderate	Mod-High NJ to 250+ WI to 350+	1.8 – 2	Ovate	Moderate – High



Contact and useful information

For purchase of Rutgers Cranberry Varieties:

● **MOWINGS** for Conventional Planting of: **Crimson Queen[®], Mullica Queen[®], Demoranville[®]**

Cutler Cranberry Company

N11569 County Road H, Camp Douglas, WI 54618-9738

Proprietor: Martin Potter

Administrator: Jessi Rezin

Phone: 608-427-3268; Fax: 608-427-3248; email: cutlercranberry@gmail.com

● **ROOTED PLANTS AND UNROOTED STOLONS, all varieties:**

Integrity Propagation, LLC. www.integritypropagation.com

1 Speedwell Road, Chatsworth NJ 08019

Proprietor: Abbott Lee, Cell: 609-923-3143; Fax: 609-726-1239

Administrator: Barbara Bickel

Phone: 609-997-0309; Fax: 609-678-0435; email: rutgersnewvarieties@comcast.net

Rutgers license agreements, forms, questions, or copies of this bulletin:

Leon Segal, PhD

Director, Licensing

Office of Research Commercialization, Rutgers University

ASB III, 3 Rutgers Plaza New Brunswick NJ 08901

Phone: 848 932-4464 Cell: 908 239-3132 leon.segal@rutgers.edu

Forms and info at <http://agproducts.rutgers.edu/cranberries/request.asp>; or call 848-932-2486

Copies of this bulletin and general information at <http://agproducts.rutgers.edu/cranberries/varieties.html>

Cranberry economic profit model at <http://cranberry.rutgers.edu/>