The Mystery of High Yields - Solved with Clouseau



Resistance to Aphanomyces root rot • High yield potential
Maturity range of 90-95 days • Good canned quality

Clouseau (EX 08530714) is a main season, light-red kidney variety with Aphanomyces root rot resistance. The determinate bush is well-adapted to the sandy irrigated production areas of Minnesota, Wisconsin and Michigan. **Clouseau** has good canned quality.

Key to Resistance Information:

R = Resistance. (The ability of a plant variety to highly restrict the activities of a specific pathogen or insect pest and/or to restrict the symptoms and signs of a disease, when compared to susceptible varieties. Resistant varieties may exhibit some symptoms when specified pathogen or pest pressure is severe. New and/or atypical strains of the specific pathogen or pest may overcome the resistance, sometimes completely.)

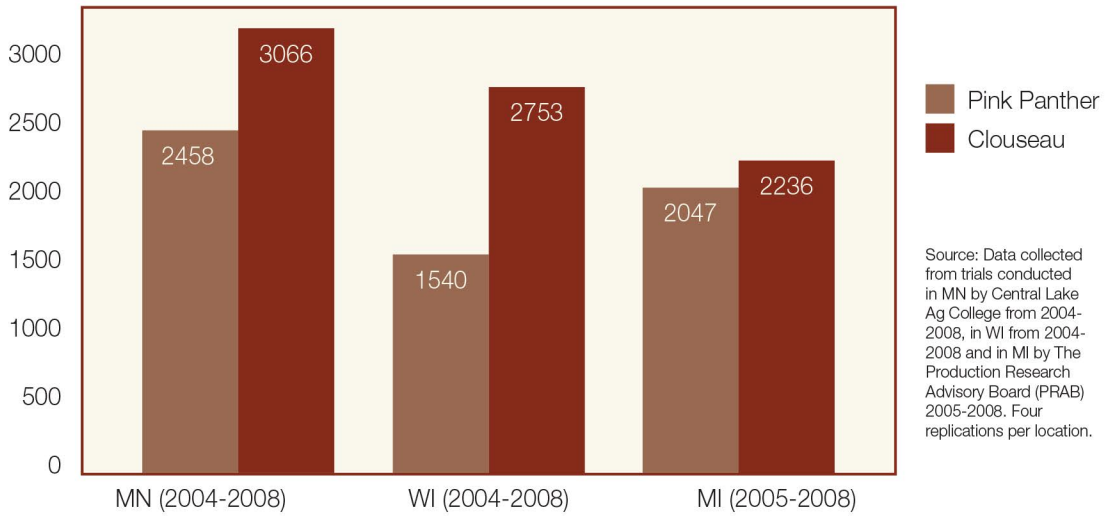
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The Case for Clouseau

The key to Clouseau's high yield potential is its resistance to Aphanomyces root rot, which provides growers with an opportunity for increased yields over competing varieties. From 2004 to 2008, Seminis, in cooperation with local growers, conducted trials in predominately light, sandy soil under irrigation in Michigan, Minnesota and Wisconsin to collect data to demonstrate the additional benefits of **Clouseau** production. Here is how yield translates into grower benefit:

Clouseau and Pink Panther Yield Comparison (lb/acre)



Source: Data collected from trials conducted in MN by Central Lake Ag College from 2004-2008, in WI from 2004-2008 and in MI by The Production Research Advisory Board (PRAB) 2005-2008. Four replications per location.

Here is how **Clouseau** may affect your bottom line:

Yield Comparison (lb/acre)

	MN (04-08)	**WI** (04-08)	**MI** (05-08)	**Weighted Average**
Pink Panther	2458	1540	2047	2014
Clouseau	3066	2753	2236	2685
				670
				33% Clouseau yield advantage

Considering three possible pricing scenarios and four different seeding rates, here is how **Clouseau's** potential 33 percent yield advantage may translate into profitability:

Potential Additional Profitability to Grower per Acre*

Pricing Scenario	**$0.30/lb.**	**$0.40/lb.**	**$0.50/lb.**
Mkt. Price $/lb.	$0.30	$0.40	$0.50
Yield Advantage	x 670.00 lbs.	x 670.00 lbs.	x 670.00 lbs.
$/Acre Return	**$201.00**	**$268.00**	**$335.00**

Potential Additional Profitability to Grower per Pound of Seed*

Pricing Scenario		**$0.30/lb.**	**$0.40/lb.**	**$0.50/lb.**
Seeding Rate	80 lb/acre	$2.51/lb.	$3.35/lb.	$4.19/lb.
	90 lb/acre	$2.23/lb.	$2.98/lb.	$3.72/lb.
	100 lb/acre	$2.01/lb.	$2.68/lb.	$3.35/lb.
	110 lb/acre	$1.83/lb.	$2.44/lb.	$3.05/lb.

*Additional value to grower: The benefit to growers has been calculated based on three different pricing scenarios and four different seeding rate scenarios for light-red kidney beans in the United States and Canada. Pricing can be different in different regions and markets. They are subject to change for reasons that we do not control and we do not guarantee any price or profit. This is directional information to show product potential only.

Individual results and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible. © 2009 Seminis Vegetable Seeds, Inc.

For more information about **Clouseau** seed supply or other fine Seminis products, contact your Seminis Seed Licensee or the Seminis sales representative.

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