

2011

All-America Selections® Vegetable Trial

Vincent Lawson

Iowa State University, vlawson@iastate.edu

Joseph M. Hannan

Iowa State University, jmhannan@iastate.edu

Follow this and additional works at: http://lib.dr.iastate.edu/farms_reports



Part of the [Agricultural Science Commons](#), and the [Agriculture Commons](#)

Recommended Citation

Lawson, Vincent and Hannan, Joseph M., "All-America Selections® Vegetable Trial" (2011). *Iowa State Research Farm Progress Reports*. 227.

http://lib.dr.iastate.edu/farms_reports/227

This report is brought to you for free and open access by Iowa State University Digital Repository. It has been accepted for inclusion in Iowa State Research Farm Progress Reports by an authorized administrator of Iowa State University Digital Repository. For more information, please contact digirep@iastate.edu.

All-America Selections® Vegetable Trial

Abstract

All-America Selections® (AAS) is an independent, non-profit organization established in 1932 by industry leaders to organize and oversee unbiased evaluations of new, soon-to-be released, flower and vegetable varieties. The goal of the AAS is to identify truly improved home garden varieties through a national network of trial grounds and then promote these proven winners as All-America Selections® .

Keywords

RFR A1012

Disciplines

Agricultural Science | Agriculture

All-America Selections® Vegetable Trial

RFR-A1012

Vince Lawson, farm superintendent
Joseph Hannan, ag specialist

All-America Selections® (AAS) is an independent, non-profit organization established in 1932 by industry leaders to organize and oversee unbiased evaluations of new, soon-to-be released, flower and vegetable varieties. The goal of the AAS is to identify truly improved home garden varieties through a national network of trial grounds and then promote these proven winners as All-America Selections®.

There are several AAS vegetable trial sites across the country hosted by universities, seed companies, and other public gardens. AAS requires all trial sites to have a knowledgeable judge to evaluate entrants in blind tests (seed sources are unknown to judges) on several traits including earliness, yield, taste, disease resistance, and shelf life. AAS winners are

selected by receiving high ratings from majority of trialing locations.

The 2010 AAS Vegetable Trial was grown in replicated plots with each entrant compared with at least two other established, similar varieties. Common cultural practices were followed including irrigation and pest control as needed. Table 1 provides a short description of each AAS entrant and trial score awarded. The trial scores were then forwarded to the AAS Committee, who has the responsibility of compiling scores from all trialing locations to decide which entries, if any, will receive the AAS Award.

All-America Selections has announced that three vegetable cultivars will receive the AAS Winners award in 2011: Hijinks pumpkin (trialed in 2008); Terenzo red cherry tomato (entrant 10V02), and Lizzano red cherry tomato (entrant 10V03). For more information and a list of recent AAS Winners with pictures and full descriptions, visit www.aaswinners.com.

Table 1. The 2010 AAS vegetable trial entries, descriptions, and scores at the Muscatine Island Research Farm.

Entry	Description and comments	Trial Score ^a
10V01 Compact pepper	Small compact plants bore small conical shaped peppers. Fruit were green changing to red and weighed about 1 ounce. Fruit had thin walls and were pungent to taste. Suitable for small gardens or pot culture.	1
10V02 Cherry red tomato	Determinate plants were small and compact making them good for small gardens or pots. Small red fruit weighed approximately 0.7 ounce and good flavored.	2
10V03 Small cherry tomato	Vigorous strong plant with disease resistance produced small red cherry tomatoes weighing approximately 0.5 ounce. Fruit were sweet and good flavored.	3
10V04 Bicolor sweet corn	Good emergence and early season growth vigor, attractive ears were of good quality but plants lodged badly and developed leaf blight.	1
10V05 Yellow watermelon	Strong yield of 5 lb fruit with light green rind color and red flesh. Fruit were seedy but good tasting. Early maturity and unique rind color make it a good candidate for home gardens.	2

^aTrial score: 0 = entry did not meet claims/inferior to comparisons, 1 = some merit but no award, 2 = improved entry, merits an award, 3 = superior entry worthy of award.