

УДК 634.1.054: 634.737

QUALITY INDICATORS OF BLUEBERRY FRUIT IN KIEV.

V.A. Silenko, PhD

V.T. Gontar, PhD

S.V. Marchenko, postgraduate

National University of Life and Environmental Sciences of Ukraine

The authors presents results of the study of the mass and performance tasting blueberry fruit in a steppe of Ukraine. Investigations were carried out in five grades (Amanda, Bluestar, Johnny, Kerry, Chick). On a set of positive indicators of quality grapes selected best varieties of blueberry Chick and Johnny.

Vaccinium corymbosum L., blueberry, berry weight, quality,color, taste.

According to the two-year observation revealed that:

- The highest average weight of berries for the years 2011 and 2012 had a sort of Johnny and the least - Kerry;
- Maximum weight of the largest fruit had an average grade Chick, the lowest - sort of Kerry;
- The highest tasting score 7.9 points received grades of Chick and Johnny. Taste all berries were identified as sweet;
- Carrie sort is different from the other in black color and on-longish form berries.

During tasting revealed that the differences between the varieties in nature taste not all varieties have a sweet taste. At grades Blu-old Johnny, Chick and Amanda Berry flat in shape, just sort of Kerry has oblong berries. All varieties have a coating of dark blue color with the exception of Kerry berries, berries which are black.

Tasting of the assessment to distinguish the variety and Johnny Chick 7.9 points, while the lowest score was sort of Kerry - 7.1 points.

Tasting assessment of the quality berries quite an important element in the study of the features of varieties. It aims at determining the hara-type crystal taste, weight, shape, color and overall assessment. Tasting assessment of fresh fruit carried out in the state of ripeness set. Assessment of the quality of berries, namely their size, one-dimensional and taste characteristics are the main indicators that determine the quality of the product as a whole. Weight berries is a component of productivity and a sign of their commercial properties. Size determines the competitiveness of berries varieties and affects the selling price in the market.

References

1. Андрусів Б. М. Вирощуємо чорницю / Б. М. Андрусів. – Львів : Наукове товариство ім. Шевченка, 2006. – 110 с.
2. Гримашевич В. В. Лесные напитки и деликатесы / В. В. Гримашевич, П. Н. Таргонский, Н. В. Гримашевич. – Минск : «Ураджай», 1994. – 320 с.
3. Лебедева А. М. Химическая изменчивость черники обыкновенной в фитоценозах южной тайги Брусничные в СССР / А. М. Лебедева, С. Я. Тюлин // Ресурси, інтродукція, селекція : Сб. науч. трудов. – Новосибирск : Наука, 1990. – С. 150–156.
4. Махов А. А. Зеленая аптека / А. А. Махов. – 4-е изд., дополн. – Красноярск : Красноярское книжное изд-во, 1993. – 189 с.
5. Методика державного випробування сільськогосподарських культур. Випуск 5 (плодові, ягідні, горіхоплідні, субтропічні, виноград та шовковиця) / За ред. В. В. Волкодава. Державна служба з охорони прав на сорти рослин. – К., 2002. – 72 с.
6. Программа и методика сортоизучения плодовых, ягодных и орехоплодных культур / Под ред. Е. Н. Седова. – Орел : ВНИИСПК, 1999. – 608 с.
7. Рупасова Ж. А. Голубика высокорослая: оценка адапционного потенциала при интродукции в условиях Беларуси. НАН Беларуси.

Центральный ботанический сад / Ж. А. Рупасова, В. Н. Решетников. – Минск : Белорусская наука, 2007. – 442 с.

8. Шумейкер Дж. Ш. Культура ягодных растений и винограда / Дж. Ш. Шумейкер. – М. : Изд-во иностранной литературы. 1958. – 298 с.