

‘Kaohsiung No. 9’ Papaya: A New Cultivar for Papaya Production

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Abstract

‘Kaohsiung No. 9’ is a new variety of papaya, which was released by KDARES in December 2012. The commercial name of ‘Kaohsiung No. 9’ is ‘Sunlight’. The main characteristics of ‘Kaohsiung No. 9’ were as follow: 1. Plant: This variety is a single erect stem with vigor and semidwarf growth. The first flowering is on 19th node. The plant height of first harvest is about 1.5 - 2.0 m and first fruiting on 0.6 m above the underground. 2. Leaf: Leaf is palmate lobed smoothly and leaf area is about 0.3 m². Petioles color is green. 3. Flower: Types of plant sex are hermaphrodite and female without male plant. There are 1 to 8 flowers within an inflorescence. The color of corona is white yellow (cream). 4. Fruit: The fruit shape of hermaphrodite flowers is elongate. The fruit weight is between 600 and 700 g, total soluble solid content is between 12 and 13 °Brix and fruit skin color is deep yellow to orange of mature fruit. The skin freckle on fruit skin is mild. The flesh color is scarlet. 5. Production period: year round.

Key words: *Carica papaya* L., breeding, F₁ hybrid

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