

On 'Omasari', the New Cultivar of Peanut  
(*Arachis hypogaea* L.)

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recommended variety

Summary

The peanut cultivar 'Omasari' released in 2007 was selected from a cross between 'Nakatheyutaka' and 'Jenkins Jumbo' conducted in 1993. The objective of the cross between the two cultivars was to produce new cultivar, which has the traits of medium-late maturing, large pods and seeds, and high yielding and quality.

The bulk method of breeding was used, and individual selection was conducted in F5 generation. The later selected line was designated as R6574, Hachikei538 and Kanto #102 during F6-F7, F8-F10, F11-F13, generations, respectively.

The flowering time of the cultivar, 'Omasari' is the same as that of the parent cultivar, 'Nakatheyutaka', and it is later than that of 'Satonoka'. 'Omasari' has longer and more numerous branches than 'Nakatheyutaka'. The size of pod and seed is extremely large. This cultivar is suitable for the boiled peanut and the taste is better than 'Satonoka' and 'Nakatheyutaka'. Testa color of the cultivar is brownish orange with good luster. Contents of oil, protein, and sugar in seeds are 39.5%, 24.6% and 7.3%, respectively.



「ナカテユタカ」 「おおまさり」 「千葉半立」

写真1 全植物体

Photo 1. The whole plant

left: Nakateyutaka center: Omasari right: Chibahandati  
(standard variety) (new variety) (comparative variety)



「ナカテユタカ」 「おおまさり」 「千葉半立」

写真2 莢および子実

Photo 2. Pods and Seeds

left: Nakateyutaka center: Omasari right: Chibahandati  
(standard variety) (new variety) (comparative variety)