

## **Development of New Vegetable Soybean Variety Ryokumitsu-Kaohsiung 6**

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### **Abstract**

Kaohsiung 6 variety was developed by cross breeding, and its commercial named as Ryokumitsu by KDARES on April 12 of 2002. Because of protected wisdom property right of Kaohsiung 6 variety, the vegetable soybean varieties were identified with DNA markers. According to the plant seed statute, Kaohsiung 6 variety obtained 15 years right register on August 8 of 2002. Kaohsiung 6 variety was excellent agronomic characteristics, including (1) had higher graded pod yields and broader adaptability; (2) had higher grade pod rate and more three-seed pod of per plant; (3) had larger grade pod; (4) had higher sugar, starch and fiber; (5) had higher isoflavone contents; (6) had good flavor and panel; (7) suited to mechanical harvest. Kaohsiung 6 variety had been right remove to processors in 2003, so be promoted competitiveness for Taiwan products in international market.

Key word : vegetable soybean, cross breeding, SSD method, right register, isoflavone.

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