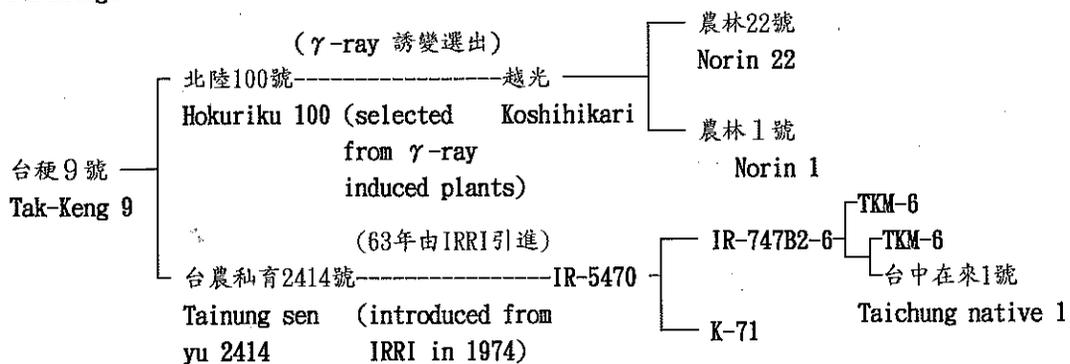


台 種 九 號 育 成

親緣：

Parentage



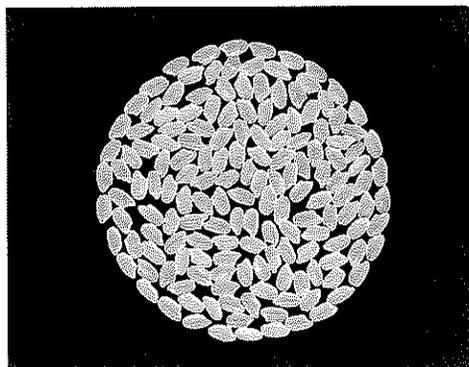
產量穩定
Stable yield



株型良好
Good plant type



成熟時枝梗仍維持青綠
The branch is still green when matured



白米外觀良好
Good rice appearance

台 稉 九 號 之 育 成

台稉九號係台中區農業改良場為加強良質米品種的選育，以具有與越光相似的優良米質，但株高較矮的北陸100號為母本，另以具有良好株型的台農秈育2414號為父本，雜交選育而成的稉稻新品種，具有產量穩定、米質優良、食味佳、抗縞葉枯病、白背飛蟲、株型佳、不易倒伏及氮肥用量可較台農67號少等優點，於民國82年6月23日命名審查通過，納入推廣。

台稉九號其生育日數第一期作為123天，第二期作為114天，與台農67號相同；平均株高第一期作為102公分，第二期作為97公分，與台農67號相當；平均穗數第一期作為16支，第二期作為13支，亦與台農67號相近。雖然台稉九號在生育日數，株高與穗數上，與台農67號相近，但在一穗粒數、穗重與千粒重上則略遜於台農67號，因此在全省區域試驗平均產量上，台稉九號第一期作為6199公斤，第二期作為4747公斤，分別較台農67號減產3.1%和5.3%。由於台稉九號的生育日數與台農67號相同，株高又與台農67號相當，所以可適用於本省單期作及雙期作田栽培，其栽培管理方式可依照台農67號田間作業進度實施。依據肥料試驗結果顯示，台稉九號的肥料用量較台農67號於各地區栽培的肥料用量略少些，即可達到其高產潛力，但應注意早期施肥，且於插秧後第一期作35天，第二期作24天應行斷肥，同時配合曬田作業。如此方可增加有效分蘗、抑制無效分蘗、防止植株徒長，以發揮高產潛能。

台稉九號對縞葉枯病及白背飛蟲有較佳的抵抗性，但對白葉枯病、紋枯病、稻熱病及褐飛蟲等其他病蟲害的抗性較差，宜依田間實際狀況及病蟲害預測警報，按植物保護手冊推薦之方法予以防治。本品種米粒飽滿，心、腹白較台農67號少，食味有優於台中189號的趨勢，唯於收穫前不可早斷水，以免影響米質。

Development of New Rice Variety: Tai-Keng 9

Tai-Keng 9, a Japonica rice variety was developed by crossing Hokuriku 100 with Tainung sen yu 2414, has been named and released as a recommended variety from June, 1993. The agronomic characteristics of this variety are: 123 and 114 days of growth duration for 1st and 2nd cropping, respectively; approximately 102 cm plant height for 1st cropping and 97 cm for the 2nd; 16 spikes in the 1st cropping and 13 spikes in the 2nd. The average grain yield of Tai-Keng 9 is 6199 kg/ha in 1st cropping and 4747 kg/ha in the 2nd, less than Tainung 67 due to less panicle weight, spikelets/panicle and 1000-kernels weight.

Tai-Keng 9 is similar to Tainung 67 in growth duration, plant height and panicle number, it has been suggested to be suitable to grow in the single and double crop fields in Taiwan. The fertilizer is recommended to be applied as early as possible, and it needs to be applied on the 35th and 24th days after transplanting for the 1st and 2nd crops, respectively. In order to facilitate the high yield, the proper draining is required for inhibiting the ineffective tillers and the elongation of rice plant.

Tai-Keng 9 is resistant to stripe and white-back hopper, but less resistant to blast, bacterial leaf blight, sheath blight and plant hopper. For the rice of Tai-Keng 9, the rate of white belly is similar to that of Taichung 189 and the eating quality is better than that of Taichung 189 which is considered as a high quality rice variety. In order to maintain the high quality of rice, irrigation should not be cut off too early before harvest.