

甜豌豆新品種—臺中13號(圖說)

New Snap Pea – Taichung 13



開花盛期比較

左：新珍 右：臺中13號
comparison of the full blooming stage.
L: Sugar Snap R: Taichung 13



結莢節位高度(紅線處)比較

左：新珍 右：臺中13號
Comparison of the height of pod setting
position (indicated by red strip).
L: Sugar Snap R: Taichung 13



臺中13號之結莢情形
Pod bearing habit of Taichung 13



臺中13號之嫩莢
Pods of Taichung 13.

甜豌豆新品種－臺中13號

臺中13號係臺中區農業改良場為改良本省所栽培甜豌豆品種的缺點，於民國70年以 Sugar Snap (又名新珍)與Knight雜交而育成，於民國78年1月27日獲准登記命名及推廣。

本品種屬蔓性種，株高165~248公分，莖葉小，分枝性弱。自第15節起開始開花，花白色，每花梗多數著生一朵花。其第一花節位距地面高度為57公分，顯著較對照品種「新珍」之108公分為低。因結莢節位較低，故立支柱栽培時有利採收。其嫩莢成熟日數為63~71天，較「新珍」提早15~20天。由於本品種具有早熟的特性，故可適合秋冬季稻田裡作栽培採用。本品種嫩莢甜脆，糖度13.8度，適於鮮食或冷凍加工。莢形較「新珍」大而整齊，深受市場所歡迎。又果梗離層較鬆，採莢容易。

惟本品種分枝少，單株嫩莢產量低於「新珍」，故須提高播種量，以期增加單位面積產量。本品種耐萎凋病，但不抗苗腐病，白粉病及根腐病，生育期間需注意防治。

New Snap Pea — Taichung 13

Taichung 13 is a new snap pea variety developed by Taichung District Agricultural Improvement Station using pedigree breeding method from the cross “Sugar Snap” X “Knight”. It was registered and released in Jan. 1989.

The plant is of the tall type, generally reaching 165 to 248 cm in height with smaller leaves and lesser branches than Sugar Snap. White flower begins blooming at node 15 which is about 57 cm above the ground compared to 108 cm for Sugar Snap. This lower pod setting position is beneficial to the picking in trellis cultural practices. Number of days to edible pod maturity is 63-71 days which is 15-20 days earlier than Sugar Snap. Due to this characteristic of early maturity, it can be planted in winter catch cropping season.

Pods, borne singly per node, are crispy and sweet with the sugar content of 13.8° Brix which is well suited to fresh market and quick freezing. Pod shape of Taichung 13 is more uniform and larger than Sugar Snap, and is favored by local market. Pods are picked very easily because it possesses loose abscission layer.

The pod yield of Taichung 13 is lower than Sugar Snap because of lesser branches. So it is recommended to sow more seeds in the field in order to increase the yield per unit area.

This variety is tolerant to Fusarium wilt (*Fusarium oxysporum* f. sp. *pisi*), but is not resistant to seedling rot (*Rhizoctonia solani* Kuehn), powdery mildew (*Erysiphe polygoni* DC.) and Fusarium root rot (*Fusarium solani* f. sp. *pisi*).

(圖文由郭俊毅先生提供)