

## Abstract

The trial Royal Project technology on vegetable production in the highland areas were aimed to examine vegetable production techniques suitable in the highland areas were summarized as follow :

1. The trials Royal Project technology on vegetable production in the highland areas. All activities were summarized as follow.

1.1 The trial growing sweet potato 2 line. The result show that purple sweet potato flesh have postharvest sweetness more than white sweet potato flesh. The test complacency that mainly like white sweet potato more than. The farmer could sell sweet potato and have net income 3,115.80 bath/400m<sup>2</sup>

1.2 The trial growing sweet potato 10 line. The result show that sweet potato line 4 (orange flesh) high yield, high quality and the best flavor.

1.3 The trial growing vegetable in green house. The result show that Hay Kayang expanding the Royal Project program can produce all vegetables as follow. (1) Lettuce (Cos, Green Oak Leaf, Red Oak Leaf, Red Leaf) : the farmer could sell Lettuce about 190 kg. have net income 5,122 bath/144 m<sup>2</sup> (2) Kale : the farmer could sell Kale about 48 kg. have net income 1,100 bath/48 m<sup>2</sup> (3) Tomato (Perfect gold 111 and Namdhari) : the farmer could sell tomato about 107.80 kg have net income 2,181.20 bath/144 m<sup>2</sup>.

1.4 The trial pest management. The result show that pest management could decrease dissemination flea beetle about 37.38% in Mustard and 63.04% in Pak Choi. The farmer have net income 2,465 bath/144 m<sup>2</sup>.

2. The study kind of equipment dried chilli were effective and low cost. The result show that equipment dried chilli 1 have efficiency, low moisture, best quality color, can be moved easily and low costs.