

Development Action Plan, DAP

“Vegetable – From seed to table and Beyond” in Module 2



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Three topic the most useful

- Agricultural marketing
- Quality & Standard control in postharvest technology
- Chemical residue analysis in vegetables



Development Action Plan, DAP

Increasing productivity seed of cherry tomato varieties 154

Cherry tomato varieties 154 is commercial varieties of TVRC. Has grown western Thailand. Seed production in recent years has been less quantity of seed and seed quality is poor. So, we have taken GAP and IPM used, including applying postharvest technology improve seed quality.

Objective:

1. To increase the quantity and quality seed of cherry tomato varieties 154.
2. Post-harvest technology to improve seed quality.



**Postharvest and Seed processing
after harvest**



Good Agricultural Practice

Integrated Pest Management

Implementation process

Nb.	Activity plan	Responsible person	2016				2017			Result/Outcome
			Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
1	Production planting	research officer								seed quantity from last season and seed germination
1.1	The collected cherry tomato seed production in last season (cultivated area, yield, season), fix size area for seed production and rental period suitable on season.		↔							
2	Plant culture	1.field officer								
21	Seed germination test in stock seed before to grow, in order to uniformity evaluation and seedling amount. Soil preparation and planting set water system (drip irrigation system or furrow).	2.research officer	↔							
22	Can give sowing seedling be enough to grow		↔							
23	Transplanting after last sowing 25-30 day, keep on GAP and IFM			↔						

Implementation process

Nb.	Activity plan	Responsible person	2016				2017			Result/Outcome
			Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
3	Harvesting and Seed processing after harvest									seed of cherry tomato variety 154 have quality and quantity
31	Harvested product at mature stage (maturity index) and sort out product losses	1. research officer 2. field officer					↔			
32	Open tomato after harvest 1-2 day before bring to seed select after that cut off tomato fruit in order to ferment seed coat 1-2 day and next to clean seed in water.							↔		
33	Drying seed moisture by humidifier, seed cleaner sort out adulterate from seed.							↔		
34	Seed quality test such as seed moisture content, seed							↔		
35	Seed packing in vacuum sealer								↔	
4	Conclusion and A manual production	research officer							↔	
5	Training to farmers and companies	research officer							↔	



The environment

is a major challenge for the production of seed cherry tomatoes.

Temperature : The optimal temperature for pollination of tomatoes lunch is 35 °C and 25 °C at night. If the temperature During pollination, high or low, will cause the seed less..

...Thank you...

