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**Effect of seeding date on the pod yield and optimum harvesting time  
of snap bean (*Phaseolus vulgaris* L.)**

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**Objective**

To find out optimum seeding date and harvesting time and to evaluate the change of pod components after flowering in snap bean

**Materials and Methods**

- o Materials: determinate type- Gangnangkong 1, KLG50019  
indeterminate type- KLG50026, KLG50027
- o Planting date : 7 times from March 20 to June 18 with 15 days intervals
- o Planting density : 60cm x 15cm, one plant per hill
- o Experimental design : Split plot design with two replications  
-varieties in main plot and seeding date in sub-plot

**Results and Discussion**

- o Highest pod yield was obtained from March 20 for determinate type and April 4 for indeterminate type, respectively, with the range of 1.3~2.37 t/10a
- o Pod components and characteristics based on weight, length, and width of pods indicated the optimum harvesting time for immature pods was considered to be 15-20 days after flowering
- o Total vitamin C content of green pod showed continuously decreasing trends from five days after flowering

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Table 1. Green pod yield of four snap bean varieties in different planting date.

Variety	Planting date (MT/10a)						
	March 20	April 4	April 19	May 4	May 19	June 3	June 18
Gangnangkong1	1.31 <sup>a</sup>	1.0 <sup>bc</sup>	1.17 <sup>ab</sup>	0.98 <sup>bc</sup>	0.78 <sup>c</sup>	0.75 <sup>c</sup>	0.35 <sup>d</sup>
KLG50019	1.77 <sup>a</sup>	1.31 <sup>b</sup>	1.29 <sup>b</sup>	0.76 <sup>c</sup>	0.49 <sup>d</sup>	0.29 <sup>d</sup>	0.02 <sup>e</sup>
KLG50026	2.19 <sup>a</sup>	2.37 <sup>a</sup>	1.04 <sup>bc</sup>	1.26 <sup>b</sup>	0.66 <sup>cd</sup>	0.30 <sup>de</sup>	0.03 <sup>e</sup>
KLG50027	1.46 <sup>bc</sup>	2.18 <sup>a</sup>	0.50 <sup>de</sup>	2.07 <sup>ab</sup>	1.14 <sup>cd</sup>	0.82 <sup>cde</sup>	0.19 <sup>e</sup>
LSD 5% between varieties	0.59	0.20	0.43	0.81	0.43	0.38	0.08

Means followed by same letter in a row are not significantly different at 0.05 by DMRT.

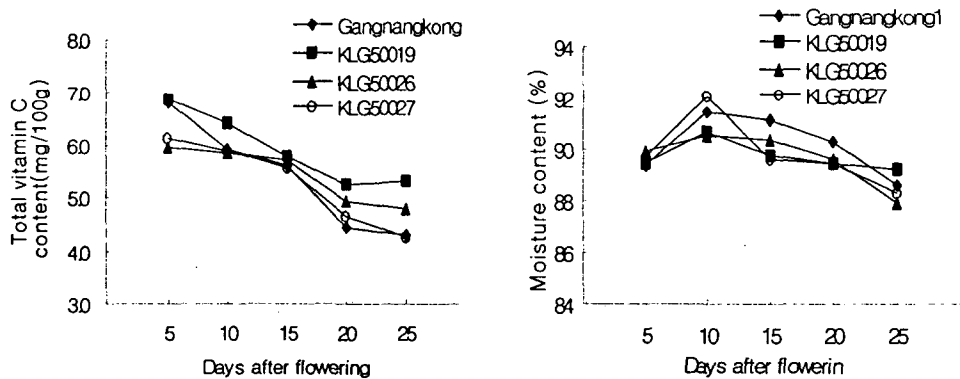


Fig1. Change in content of total vitamin C and moisture of green pod after flowering.