



Table 1. Days to flower initiation of sesame varieties in temperature and daylength treatment.

Daylength(hours)	10			13			16		
	24/16	27/19	30/22	24/16	27/19	30/22	24/16	27/19	30/22
Pungnyeon	47	37	38	47	42	41	67	62	65
Danbaek	47	36	35	50	42	42	59	55	53
Ahnsan	49	37	36	46	41	38	74	58	57
Mean	47.7	36.7	36.3	47.7	41.7	40.3	70.0	58.3	58.3

Table 2. Accumulated temperature to flower initiation in sesame.

Daylength (hours)	Temperature(°C)			Mean
	24/16	27/19	30/22	
10	922	819	920	887
13	969	972	1061	1001
16	1493	1419	1595	1502
Mean	1128	1070	1192	1130

\* Accumulated temperature(°C)=(Days to flower initiation x Temp. in daytime x Daylength/24) + (DFI x Temp. in night time x 24-Daylength/24)

Table 3. Accumulated daylength to flower initiation in sesame.

Daylength (hours)	Temperature(°C)			Mean
	24/16	27/19	30/22	
10	477	367	363	402
13	620	542	524	562
16	1120	933	933	995
Mean	739	614	607	653

\* Accumulated daylength=Days to flower initiation x daylength.

Table 4. Stem length and number of capsules per plant in temperature and daylength treatment(13hours) of sesame.

Temperature(°C)	30/22		27/19		24/16	
	SL	NC	SL	NC	SL	NC
Pungnyeon	43.2	6.3	40.1	6.1	38.2	4.7
Danbaek	51.3	8.0	50.9	6.7	47.8	4.2
Ahnsan	47.0	4.7	45.0	3.6	44.7	3.3
Mean	47.2	6.3	45.3	5.5	43.6	4.1

\* SL=Stem length(cm), NC=No.of capsules per plant.