

2. Pollen grain size of P₁, P₂, F₁, F₂, F₃, F₄, and F₅.

Pollen size of 5 to 6 plants was measured in each genetical class and 25 pollen grains of each plant were measured. The average pollen size and the average standard deviation of each genetical class are shown in Table 4.

Table 4.

		<u>Mean</u>	<u>Av. S. D.</u>	<u>No. Plants</u>
Kr(187-2)	1947	67.36	2.88	5
WF9		75.38	3.60	6
(WF9 x Kr)	F ₁	70.68	3.74	5
(do)	F ₂	70.13	3.90	6
(do)	F ₃	71.04	3.56	5
(do)	F ₄	69.36	3.15	5
(do)	F ₅	72.12	3.74	6

F₁ pollen size is intermediate between that of the parents. It appears that pollen size may be increased by inbreeding and selection.

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