

Turkish Journal of Agriculture and Forestry

Turkish Journal

of

Agriculture and Forestry



**Investigations on the Fertilization Biology of Some Sweet Cherry Varieties
Grown in Pozantı Ecological Conditions**

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Abstract: In this study, fertilization biology of 7 cherry varieties (Sarı, Ömerli, Aksehir Napolyonu, 0900 Ziraat, Merton Marvel, Merton Bigarreau and Noble) was investigated between 1992 and 1993 in Pozantı Research Center. For this purpose, fruit set level in free pollination, self and cross pollination; fruit weight, seed weight, fruit flesh/seed weight ratio, TSS, were examined. For Sari and Noble all varieties were found to be good pollinizers. Fruit set level changed between 1 % and 45 %. Different pollinizers did not have significant effect on the fruit quality criteria.

Turk. J. Agric. For., **23**, (1999), 265-272.

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