

P-19 (129)**PHENOLOGICAL ASPECTS OF THE PEACH IN THE STEPPE CRIMEA**

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The study of the peach phenology is very important especially in new regions of cultivation. Our research was carried out in the steppe zone of Crimea, where the peach vegetation begins in March and ends in October. The temperature control conducted according to the method of the climate monitoring (Ryabov, 1999). Phenological observations were made by conventional means. In the steppe Crimea the peach blossoms in March – April, in some years – in May, when 300 degrees of active air temperature accumulates. Fruit ripening begins in mid-June and lasts until early October. On average, 1255 degrees of active temperature is required for the ripening of early peach cultivars, 2118 degrees – medium cultivars and 2588 degrees – for later. The studies found that the effective temperature above 5⁰C was needed from the beginning of vegetation to flowering and the above 10⁰C – from flowering to the fruit ripening. The sum 420-430 degrees of effective temperature above 10⁰C was required for the ripening of very early peach cultivars (for example ‘Early Crest’ and ‘Kazahstanskiy Ranniy’) in the steppe Crimea.

Keywords: Stone fruits, active temperature, effective temperature, phenological phase, interphase period.