

S2-9

Self-compatibility expression in almond by pollen tube growth.**R. Socías i Company, O. Kodad, A. Fernández i Martí and J.M. Alonso**

Unidad de Fruticultura, Centro de Investigación y Tecnología Agroalimentaria de Aragón (CITA), Av. Montañana 930, 50059 Zaragoza, SPAIN.
e-mail: rsocias@aragon.es

Keywords: *Prunus amygdalus* Batsch, evaluation, breeding**Abstract**

Although pollen tube growth has been an important criterion for self-compatibility evaluation in almond, there is not a clear-cut separation between positive and negative growth of pollen tubes in the different genotypes. The examination of pollen tube growth after selfing almond seedlings has allowed establishing different levels of compatibility, but not a clear-cut separation between SC and SI genotypes, related to the presence of pseudo-self-compatibility in almond. Consequently, a relationship between pollen tube growth and self-compatibility in almond may be established for evaluating the seedlings in a breeding program.


