

ABSTRACT

FLOWERING TECHNOLOGI IN ROSE APPLE AT FRAMER GROUP IN DEMAK REGENCY

Amalia T. Sakya, Muji Rahayu, Samanhudi

Rose apple “Merah delima” plant is seasonal and does not occur throughout the year. Flowering pattern has contributed to low productivity especially continuity of product availability in sufficient demand to be not guaranteed. Activities of this community service aims to solve flowering and fruiting of rose apple problems faced by farmers in Demak through the introduction a technology that can set flowering rose apple plants so the plants can bear fruit during the year so availability and continuity is ensured at all times.

Community service activities were performed in the Village Sidomulyo, District Wonosalam, Demak Regency from May to November 2010. The session began with the survey of plants that will be the induction of flowering, followed by extension/FGD and continued spraying/application of compound induced flowering (paclobutrazol + sucrose). At 3-4 weeks after spraying induced compounds flowering, dormancy breaking was done spraying (KNO_3). After that, monitoring and evaluation.

The result of this activity can be concluded that the response of farmers group in the village Sidomulyo is good enough, but farmers still expect induction of flowering applications again in December (because it is usually in January there is no rose apple fruit; In the spraying period, the results obtained from plants sprayed with non-sprayed almost the same, namely 35 -50 kg, because the rainy season continued.

Kata kunci: Rose apple “Merah delima”, flowering induction, paclobutrazol, sukrosa, KNO_3