

PP-537 [Pollination and Bee Flora]

Blue berries polinization with apiaries moviles inovation in Peru

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Peru is one of the most important blue berries' producer around the world. Peruvian's blue berries are polinized by honey bees almost all year long. Since honey bees have been in danger for the all the blue berries' sanitary treatments; ICOALCHA SAC has developed an innovation in order to protect them while they are polinizating blue berries' fields. The apiaries moviles mean is to create a secure space for hives where honey bees are protected from the sanitary treatments of blue berries fields. This innovation comes with a set of tools on how to mesure the activity of honey bees in blue berries' field. As an example, now it is posible mesure polinizatin efficiency on blue berries' fields without open the hives; base on temperature and the amount of flowers on the blue berries plants. This innovation has proven that blue berries' polinization has a direct relationship with amount of seeds, size, weight, in general quality of the fruit after harvest. This innovation is a solucition for the masive polinization in Peru. This innovation has been proved in 50 hectareas on Agrovision's filds which is one of the top five companies producers of the blue berries in Peru.