*abombus pascuorum* (Scopoli, 1763) is very useful as a It can be used to enhance seed production of genetic lation. The advantage of this approach is the possibility r selections of the same species in beds situated close nation by unwanted pollen from the neighboring beds or tacek, Drobna 2006).

of *M. pascuorum* the authors developed the method of method is based on the experience in management of al laboratory condition. Here, queens were able to start n attendance of several young honey bees, or in couples, n(s) from another colony, or finally, those having their e young *B. terrestris* worker. Bumble bees were kept in - 30 °C and with the air humidity of 65 - 70 %. They llen. As sugars sucrose with 10 % of fructose were used. zen in the form of pellets taken by pollen traps in honey able to consume also quality dried pollen pellets bought dry pollen was moistened approximately to the natural ed into suitable plastic containers to avoid drying.

pment, conditions and treatment described above. We Ptáček 1983) that queens rejected honey bee workers; so ate their egg laying in laboratory.

d into couples. Those uneven were kept single till some e couple. They were immediately supplied with sugar pollen (remains are visible in fleeces) is a signal of egg n the couple of queens one develops as the dominant and The broody queens grabble with the elongated abdomen erlay spreading the wax on it. Within several days the l cell and lays eggs.

other queen is put into a separate box together with proceeding can be repeated till the third level of couples Nearly 70 % of queens lay eggs under this treatment. ing the first ones are before the emergence of the first orker can be given to the queen falling behind with her he queen, and also the contact with the worker appeases

inserting fresh pollen into the pockets constructed at the they spin cocoons. When workers emerge, the colony is plemental feeding of sugar solution and pollen. Freshly the colonies and fed with both, pollen and sugar in a s. In the age of 5-7 days, the queens copulate with males Queens alone are let for another 3 days to fill their honey nder 4 oC in suitable containers with the high humidity.

n cages served food enough for the bumble bee colonies

