

MUTUAL FEEDING OF BEES

S. Bagdonas

Summary. To minimize the contamination of worker bees with radio-active feed (^{131}I) the conditions of the experiments should allow the bees to touch the feed only with their proboscides and to give them clean, not radio-active feed at the end of the feeding.

Bees fed on radio-active feed did not belch it while being mortified in the refrigerator at 0°C , but belched it under chloroform.

The feeding sequence influences the amount of the food transferred.

Keywords: bee, hive, honey, isotope, mutual feeding.