

## **POSSIBILITIES OF USING THE PHEROMONE TRAPS TO CONTROL THE SILVER FIR BARK BEETLES**

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### **ABSTRACT**

A four-year field experiment has emphasised the attractive effect of pheromone baits (produced by Chemistry Institute "Raluca Râpan" of Cluj-Napoca, Romania) on the main bark beetles of silver fir - *Pityokteines curvidens* and *Cryphalus piceae*. The most attractive variants have been the baits containing ipsenol as active substance (100 mg / bait, 80-90 % purity) and glycerine (1000 mg / bait) as stabilising substance. The survey of pheromone trap captures enables to estimate the flight period for these insects.

**Keywords:** bark beetle, silver fir, pheromone bait