

Residues of organochlorine pesticides in mares' milk
from different regions of Poland

S u m m a r y

The aim of this study was a comparison of mares' milk contamination by organochlorine pesticides in different regions of Poland. Milk samples were collected in four Studs from different regions of Poland: SK Rieczna (north), SK Ochaby (south), SK Racot (west) and SK Janów Podlaski (east). The chemical analysis of collected material concerned organochlorine pesticides residues: γ -HCH and DDT (and its metabolites - DDE and DDD). In spite of the fact, that these chemicals have not been used for over thirty years, their residues are still present in mares milk. The highest level of this contamination was stated in milk from mares in SK Ochaby. The cleanest was milk from SK Janów Podlaski. Much lower contamination of milk from SK Rieczna in comparison with results from 1989 means, that the condition of this breeding area is getting better.