

Concentrated Animal Food.

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ABSTRACT

The concentrated animal food samples were supplied by the Military Research and Development Center (MRDC), to test for weight changes, visible changes, microbiological changes, and composition changes by means of chemical analysis. It was found that the majority of animal food samples showed increase in weight, especially those exposed in the depots in the cleared site and in the jungle site. The majority of laminated paper/plastic containers remained in good condition until the time of the third withdrawal. Foodstuff inside the containers showed mold growth, and insect infestation to varying degrees. The least mold infestation was found in the control room.

Results from microbiological study showed an increasing quantity of microorganisms in the animal food. Results from counting may not be very accurate, but the mold growth on the animal food pellets was enough to be an indication that the animal food had deteriorated beyond the acceptable standard. Results of chemical analysis indicated small degrees of variation from the results of the previous withdrawals. The free fatty acid test showed some change from the results of the previous withdrawals, especially in the case of replicate number X of formula 1 in the depot in the cleared site which increased about 47%.