

aleatory part of which the overall system takes advantage. Generally speaking, the heterogeneity of the production units provides each system with the flexibility required for obtaining correct reactions to environmental changes.

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## VI. — ENVIRONNEMENT

### Mineral composition of swine waste. Agronomic value

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The aim of the present study was to determine the mineral composition of swine waste. The influence of various factors (storage, physiological stage, ration) was examined. Furthermore a complete study was made on a total of 96 waste samples. The findings show a large variability in the mineral content. The only related parameters seemed to be the total nitrogen content and the ammonia content.

1 m<sup>3</sup> of swine waste with 5 p. 100 dry matter contains :

- 4.5-11.5 nitrogen units,
- 3-7 potassium units,
- 3.5-7.5 phosphoric acid units.

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### Influence of a high pesticide (Lindane) level in the diet on ovulation rate and embryonic mortality in the sow

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The purpose of the present experiment was to examine if a more or less massive ingestion of the pesticide lindane affects the ovulation rate and embryonic mortality in multiparous sows and to study the distribution of the insecticide within different organs.