

# Nutrition

In most countries with livestock industries there is now an adequate understanding of the nutritional requirements of meat animals but often some difficulty is encountered in adopting and correctly supple-

menting basic feed supplies to achieve maximum conversion efficiency. Hence the importance of accurate analysis and correct ration formulation. Feed supply is the largest single cost item of the enter-

prise and therefore, requires expert attention. Quality breeding stock develop their utmost potential on quality feed with a consistent nutritional value designed to meet their requirements.

# Grandparent Stock

Success in cross-breeding demands that the level of efficiency achieved with crossbred offspring be higher than that of purebred offspring. It is essential to select with great care the grandparent lines used in the

breeding program. Performance testing should be carried out consistently on individual progeny to identify the best animals for cross-breeding. It is important of course, for the quality of the herd to avoid

excessive inbreeding. The breeder should periodically select from outside his herd to acquire new bloodlines.

# Total Program Approach

The Canadian swine industry which is among the most successful in the world offers its expertise to:

- (a) provide healthy breeding stock with the desired growth performance, feed efficiency and carcass leanness;
- (b) help set up commercial swine enterprise to ensure proper health care and nutrition of swine and the best selection of animals for cross-breeding;
- (c) manage the swine operation;
- (d) offer technical advice to solve existing swine herd problems.

Canadian companies basically provide management procedures, feeding systems, building layouts,

waste disposal systems and grandparent replacement stock. They plan the entire enterprise in accordance with market demand. Some outstanding results to date indicate that this total approach program is successful. The swine herd in Cuba, for example, is essentially totally Canadian.

