**Questions**

1. Charger Zyme is a brand name for an enzyme used in swine feed. Based on your research of enzymes, discuss why it is common for an animal nutritionist to include an enzyme in animal feed. (Use the word catalyst in your explanation.)

2. Lysine monohydrochloride, L-Threonine and Methionine-DL are specific amino acids used in swine feed. What is the purpose of amino acids?

3. Terminal Base contains salt and essential vitamins and minerals (notably calcium and phosphorus). What are the primary purposes of calcium and phosphorus in an animal’s diet?