

## Cervid Management

## Question Set II

Always convert everything to pounds unless otherwise stated for easy application in the field. Round to one decimal if need be. Round to nearest whole dollar amount when calculating potential feed costs

1. If we are feeding 130 head of deer  $\frac{1}{2}$  oz. of probiotic per head per day, how much are we going to spend in a year if the probiotic costs \$500 per 25lb bucket?
2. You are participating in a feed trial that is using a buck only, feed additive that advertises massive antler growth gains in bucks raised under confinement when fed at a rate of 1 oz. per head per day. The product is free for you during the trial but after costs \$900 per 50lbs once trial is over. How much will you add to your feed bill per month if you have 110 deer, 35 that are does, and decide to feed this additive?
3. What range of price would a deer farmer be looking at per head per day if the additive he uses has a feed rate of 1, 2 or 3 oz. per head per day and a cost of \$799 per 30 lbs?
4. A 50lb bag of 16% protein pellet costs \$13.50 a bag for a local deer farmer. A) How much per ton is his feed? B) How much money is he spending per month if he orders 4 tons per month? C) What are his yearly estimated feed costs?

5. A 50lb bag of 16% protein pellet costs \$11.25 a bag for a local deer farmer. If his deer eat roughly 3% of their body weight in protein per day, how many pounds is he feeding per day with 80 head that average 130 lbs?
6. A local deer farmer feeds free-choice 17% protein pellet that costs \$12.15/bag as well as a textured feed that costs \$15.60 a bag, daily in his deer pens. He feeds roughly 3.5 tons of protein per month and 1/2lb of textured feed per head day to his 140 animal herd. Calculate the feed cost per month for the producer using information provided
7. A deer farmer feeds free-choice 16% protein pellet that costs \$10.65/bag as well as a textured feed that costs \$14.60 a bag, daily in his deer pens. He feeds roughly 8 tons of protein per month and 1/3lb of textured feed per head day to his 300 animal herd. He also top-dresses the textured feed with a probiotic blend at a rate of 1 oz per head per day at a cost of \$675/30 lbs. Calculate the total feed cost per month for the producer using information provided