

1. Ignizio and Cavalier, Problem 2.3. Carefully define your decision variables.
2. Ignizio and Cavalier, Problem 2.8. You can assume here that the chicken feed is manufactured in 1 kilogram bags and the stated requirements about nutrients apply to this bag of feed. Also change the protein requirement from 35 to 30 grams. Carefully define your decision variables. Then solve using LINDO (attach your output) and interpret the computer results as recommendations to the owner of the manufacturing firm.
3. Ignizio and Cavalier, Problem 2.6. Carefully define your decision variables and solve using LINDO (attach output). In words, what is the optimal investment plan? What is the overall annual return of the optimal investment plan?