

South Dakota State University
**Open PRAIRIE: Open Public Research Access Institutional
Repository and Information Exchange**

South Dakota Poultry Field Day Proceedings and
Research Reports, 1982

Animal Science Reports

1982

Egg Cash Flow Analysis--An Agent Computer Program

Phillip E. Plumart
South Dakota State University

Follow this and additional works at: http://openprairie.sdstate.edu/sd_poultry_1982

Recommended Citation

Plumart, Phillip E., "Egg Cash Flow Analysis--An Agent Computer Program" (1982). *South Dakota Poultry Field Day Proceedings and Research Reports, 1982*. Paper 8.
http://openprairie.sdstate.edu/sd_poultry_1982/8

This Report is brought to you for free and open access by the Animal Science Reports at Open PRAIRIE: Open Public Research Access Institutional Repository and Information Exchange. It has been accepted for inclusion in South Dakota Poultry Field Day Proceedings and Research Reports, 1982 by an authorized administrator of Open PRAIRIE: Open Public Research Access Institutional Repository and Information Exchange. For more information, please contact michael.biondo@sdstate.edu.



EGG CASH FLOW ANALYSIS--AN AGNET COMPUTER PROGRAM

Phillip E. Plumart¹

Department of Animal and Range Sciences

POULTRY 82-7

A new computer program is in the process of being developed for the AGNET system by Extension Poultry Specialist Dan Bigbee of the University of Nebraska for analyzing the cash flow for an egg production enterprise.

This program will compute the expected income, expenses, initial capital needed to borrow, return to management and cash flow for a 14-month laying cycle. The user will have a choice of using the current data base in the computer or entering his/her own data. The computer will print out an input form, if desired, and will ask for the following 12 items: (1) size of flock, (2) amount of cash you plan to invest, (3) value of the land and improvements to be used and whether you own them or not (this would also include loans including the life of the loan and the interest rate on the house, equipment and land), (4) egg size distribution in terms of percent small, medium, large, extra large and undergrades expected or realized for each of the 14 months, (5) egg production in dozens per month for each of the 14 months, (6) egg prices per dozen for each of the sizes listed above for each month, (7) cost in dollars per bird for labor, utilities, maintenance, cleaning and miscellaneous, (8) pullet cost per bird, salvage pounds per bird and salvage price per pound, (9) monthly feed cost in dollars per ton, (10) feed consumption in pounds per bird per day, (11) cost of the house and equipment in dollars per bird and (12) taxes and insurance in dollars per bird, mortality (percent per month) and the years of life expected for the house and equipment.

Printout options will include a budget summary, three cash flow tables or both. The cash flow receipts table will include, for each of the 14 months, data indicating the number of birds in the flock, dozens of eggs produced for the month, number of dozens of eggs to date, receipts for the month and receipts to date.

The cash flow expenses table will include, for each of the 14 months, data indicating the variable expenses, fixed expenses, total expenses for the month, total expenses to date and total expenses per dozen.

The cash flow net returns table will include, for each of the 14 months, data indicating the cash for the month, cash to date, monthly cash average, depreciation per month and the net to date.

¹ Extension Poultry Specialist.

The budget summary table will provide data, both for the entire flock and on a per dozen basis, on the receipts for each of the egg sizes, total egg receipts, salvage value and total receipts. A listing of the variable expenses will include pullet cost, feed cost, labor, utilities, maintenance, cleaning and miscellaneous. A listing of the fixed costs will include house, equipment, taxes and insurance and depreciation. Net return to management will also be shown.

We are looking forward to cooperating with the University of Nebraska staff in making this computer program a reality in the near future for the use of the people in our five-state area and for the whole AGNET system.