

## APPENDIX C

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**APPENDIX D****COMPUTER LIBRARY FOR AGRICULTURAL SYSTEM SIMULATION:  
HOLDINGS AS OF DECEMBER 1978**Models of Agricultural Systems

- AGM-1 Northern Nigeria Beef Industry Model
- AGM-2 Nigerian Agricultural Sector Simulation Model
- AGM-3 Beef Cattle Enterprise Simulation Model
- AGM-4 Korean Agricultural Simulation Model (KASM3)
- AGM-5 Grain Management Program Model (GMP)

Components for Agricultural Systems Analysis

- AGC-1 AGACC: Accounting routine for the agricultural sector
- AGC-2 AGPPA: Annual grain price policy analyzer

Demographic Components

- DEM-1 DEMOGC: Demography with distributed age cohorts
- DEM-2 DEMOGD: Demography with discrete age cohorts

Specialized Techniques

- SPT-1 PERT: Program evaluation and review technique
- SPT-2 DULPDX/DULPLX: Linear programming subroutines
- SPT-3 SYSOPT: Interactive optimization and parameter estimation component

Simulation Languages

- SML-1 PAL: Policy analysis language
- SML-2 SIMEX 1: FORTRAN executive program for continuous flow simulation models

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Utility Routines

- UTR-1 Distributed delay routines: DEL, DELS, DELF, DELLF, DELVF, DELLVF
- UTR-2 Table functions: TABEL, TABEX, TABUL, TABUX