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Agricultural, Consumer & Environmental Sciences

Vocational Agricultural Service

Teaching Material Units & Instruction Materials

### **Box 1**

Series 1: Vocational Agriculture Publications, Original Accessions (1963, 1965, and 1970)

1 Listing of Teaching Materials, 1960, Teaching Materials Catalog, 1977-78,  
Instructional Resources for College-Level Teaching, 1977

2 Animal and Dairy Sciences Subject Matter Units, 1000s

3 Agricultural Economics Subject Matter Units, 2000s

4 Agricultural Mechanics Subject Matter Units, 3000s

5 Crop and Soil Sciences Subject Matter Units, 4000s

6 Trees and Horticulture Subject Matter Units, 5000s

7 Jobs Subject Matter Units, 6000s

### **Box 2**

Series 1: Vocational Agriculture Publications, Original Accessions (1963, 1965, and 1970),  
Continued

1 Agricultural Mechanics Materials

2 Crops, Soils, and Fertilizer Materials

3 Insect Pest ID

4 Miscellaneous Materials (Electrification, Safety, Beautification, Judging)

5 Plant Diseases Picture Sheets

6 Programmed Instruction Materials – Animal and Dairy Science Scrambled Books,  
100s

7 Programmed Instruction Materials – Agricultural Economics, 200s

8 Programmed Instruction Materials – Agricultural Mechanics, 300s

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9 Programmed Instruction Materials – Crops and Soil Science Scrambled Books, 400s

10 Programmed Instruction Materials – Rural Sociology Scrambled Books, 500s

**Box 3**

Series 1: Vocational Agriculture Publications, Original Accessions (1963, 1965, and 1970), Continued

1 Better Farming Lesson Units, 1946-1947

2 V and ACA Units

3 Slide Materials

4 Agricultural Charts Visuals

5 Concrete Masonry Visuals

6 Grounds Maintenance and Construction

7 DAT Production

Unfolded Shop Safety, Calibration of Air-Carrier Sprayers, Agricultural Economics, Crops and Soils

8 Instructional Materials Catalogs, c.1980

**Box 4**

Series 1: Vocational Agriculture Publications, Original Accessions (1963, 1965, and 1970), Continued

1 instructional Materials Catalogs, 1981-1993

2 AU 8000s (crop breeding, landscape waste, plant genetics)

3 G 120-602 (sheep, swine, cattle, goats, electrical wiring, groundwater)

4 G 650-784 (weeds, lawns, turf insects, perennials, pesticides)

5 GT 130a-710 (animal genetics and breeding, solar energy, wiring exercises)

**Box 5**

Series 1: Vocational Agriculture Publications, Original Accessions (1963, 1965, and 1970), Continued

- 1 J 1-790 (pest management, judging swine, cattle, horses, meat)
- 2 K 358a – 3057a (supervised agriculture experience records, electrical controls)
- 3 M 444-4 – 444-7 (commercial pesticide application, air-carrier sprayers)
- 4 P 270 A Revised Guide to Parliamentary Practices
- 5 Q 300 – QC 621 (fruit/vegetable production, agricultural mechanics contest)
- 6 R 300a – 300t (supervised agricultural experience program—agribusiness)
- 7 T 340 Grain Production and Pricing Statistics
- 8 U 1002-4084 (sheep breeds, electrical wiring, pesticide use, environmental impact)
- 9 U 4085 – 7004 (trees and shrubs, applying for a job, merchandising)

**Box 6**

Series 1: Vocational Agriculture Publications, Original Accessions (1963, 1965, and 1970), Continued

- 1 U AG 4001a - 6005 (collecting soil samples, marketing products and merchandise)
- 2 U BE 6001 – 7006 (cleaning office area, inputting and storing documents and files)
- 3 U HE 1001-5001 (preparing merchandise displays, selling merchandise)
- 4 U HO 1000a – 3006 (health occupations, recording patient data, communication skills)
- 5 U IO 4001 – 5001 (fuel injection, emission control systems, transaxle components)

**Box 7**

Series 1: Vocational Agriculture Publications, Original Accessions (1963, 1965, and 1970), Continued

- 1 VAS 1009 – 3023 (breeding, judging livestock, horses, welding, surveying)
- 2 VAS 3035 – 7001 (asphalt roofing, ferrous metals, soils, tree and shrub insects)
- 3 VM 1001 Education for Employment
- 4 Z 3016b – 3057a (electrical wiring exercises, grass, broadleaf weeds, electrical controls)

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Accession, 2024; Processed in March and April, 2025

**Box 8**

Series 2: CDE – Career Development Events

- Folder 1 Ag Mechanics Career Development, 2001
- 2 Ag Mechanics Carpentry, CDE, 2003
- 3 Ag Mechanics CDE, 2002
- 4 Ag Mechanics CDE, Ag Power, 2003
- 5 Ag Mechanics, Welding, 2002
- 6 Ag Mechanics, Welding, 2003
- 7 Agronomy CDE, 2009
- 8 Agronomy CDE, 2010
- 9 CDE Handbook, 2001
- 10 CDE Folder for State CDEs, Meeting Minutes, 2002-2008
- 11 Horticulture CDE, 2004-2010
- 12 State Agronomy CDE, 2008
- 13 State Agronomy CDE, 2011
- 14 State Ag Contest, 1979-2000
- 15 State Ag Contest Answer Keys, 1990-1994
- 16 State Ag Mech CDE, Surveying, 2002

Series 3: Courses & Instruction

- 17 ACES Open House, 2003
- 18 ACE Writing Workshop and Business Meeting, 2005
- 19 Ag Ed 500x, Spring 2006
- 20 Ag Mechanics, Ag Power, 2002
- 21 Ag Mechanics, Carpentry, 2003

- 22 Ag Mechanics, Carpentry, 2008
- 23 Ag Mechanics, Carpentry, 2011
- 24 Ag Mechanics, Complete Set of all Five Phases, 1997-1998
- 25 Ag Mechanics, Electricity, 2003
- 26 Ag Mechanics, Hardware Images, 2002
- 27 Ag Mechanics, Registration and Scoring, 1999
- 28 Ag Mechanics, Surveying, 2002
- 29 Ag Power, 1999
- 30 Ag Power, 2009
- 31 Ag Power, 2011
- 32 Ag Sciences Videotapes, Summary, Review Process, June 1990
- 33 Agricultural Math Applications, Ag Mechanics, Carpentry, 2002
- 34 Agricultural Math Applications, Ag Mechanics, Electricity, 2002
- 35 AIM Awards Materials, Nominations, 2005
- 36 AK17, Poultry Supplement, Identification, 2001
- 37 ANSCI 499CT2, Fall 2006
- 38 ANSCI 499CT2, Spring 2007 (1 of 2)
- 39 ANSCI 499CT2, Spring 2007 (2 of 2)
- 40 Biotechnology Applications in Agriculture, undated
- 41 BSAA PSAA, undated
- 42 Carpentry, 1999
- 43 Carpentry, 1999-2000
- 44 Carpentry, 2009
- 45 Carpentry, Bill of Materials, undated
- 46 Carpentry, Hardware ID, undated
- 47 Carpentry, Marking and Cutting a Brace, undated

- 48 Carpentry, Parts of a Building ID, undated
- 49 Carpentry, Rafter Marking, undated
- 50 Desk Items, Dave Wilson notes, 2004
- 51 DT200 Readme File, undated
- 52 DT400 Images, Electric, Original Drawings, 2003
- 53 Electric Hardware ID List, undated
- 54 Electrical Wiring, Identifying Items, 404C, undated
- 55 Electricity, 1999
- 56 Electricity, 2000
- 57 Electricity, 2008
- 58 Electricity, 2009
- 59 Electric Motors Teaching Materials, undated
- 60 Exchange Club of Urbana (Dave Wilson), 2007-2009
- 61 Evaluation Process for ITCS (Dave Wilson), 2003
- 62 Faculty Meetings, 2002-2003
- 63 Fasteners, 1989
- 64 Fastener & Hardware ID, MDS 320, undated
- 65 Fasteners, Heli Coil, 1961-1962
- 66 Fasteners, Tapping and Threading, 2003-2004
- 67 FFA, 2004-2005
- 68 FFA Advisors, Making a Difference, May 2000

## **Box 9**

### Series 3: Courses & Instruction, Continued

- 1 FFA Officer Candidate, Impromptu Scenario, 2006-2007
- 2 Fuel, liquid, 2004
- 3 Fuel/Oil Manuscript, 2004

- 4 Gas Engines, Principles of Operation, undated
- 5 Gas Engines, Using Small Engines, undated
- 6 Gibson – sell – Jill Carey, 2003
- 7 Graduate Program Materials and Timetables, 1979-1985
- 8 The Green Industry... A Growing Career, CD-ROM, undated
- 9 Hand Tool Charts, Klein Tools, South Bend Lathe, undated
- 10 Horticulture, 2010
- 11 Illinois Plan for Agricultural Education, 1985-1989
- 12 Kit Schedules, 1982-1996
- MDS 103 Breed Identification

- 13 Cattle Identification, undated
- 14 MDS 103 Reference Materials, undated

Beef Cattle

- 15 American Breed
- 16 Angus
- 17 Beefalo
- 18 Beefmaster
- 19 Belgian Blue
- 20 Bison/Buffalo
- 21 Black Hereford
- 22 Blonde d'Aquitaine
- 23 Brahman
- 24 Brahmousin
- 25 Brangus
- 26 British White Park
- 27 Charolais

28 Corriente

29 Dexter

30 Galloway

31 Gelbray

32 Gelbvieh

33 Highland

34 Marchigiana

35 Normande

36 Parthenais

37 Piedmontese

38 Red Angus

39 Red Brangus

40 Red Poll

41 Salers

42 Santa Gertrudis

43 Shorthorn

44 Simmental

45 Texas Longhorn

Dairy Cattle

46 Ayrshire

47 Brown Swiss

48 Dutch Belt

49 Guernsey

50 Holstein

51 Jersey

52 Milking Devon



53 Milking Normande

54 Milking Shorthorn

55 Montbeliarde

56 Norwegian Red

57 Swedish Red

Swine

58 Swing Reference Materials, undated

59 Berkshire

60 Chester White

61 Duroc

62 Hampshire

63 Hereford

64 Landrace

65 Meishan

66 Pietrain

67 Poland China

68 Spotted Swine

69 Tamworth

70 Yorkshire

71 MDS5340, Tool ID, 1985, 2004

**Box 10**

Series 3: Courses & Instruction, Continued

1 NSAE Presentation, 2008

2 NRES 499CX or XM, Summer 2005

3 NRES 499CT, Spring 2005

- 4 NRES 499CT Exam, Spring 2005
- 5 NRES 499 SEM Exam, Summer 2005
- 6 Plywood, VAS 3042, 1962-1976
- 7 R2006, Suggested Changes, 2006-2007
- 8 R9815 Revision, SAE Practice Problems, 2006
- 9 Shop Safety, 2000-2001
- 10 Shop Tool Identification, undated
- 11 Soils Unit, Revisions, 1996
- 12 Soils Unit, 2000
- 13 Soils Unit, Soil Structure (U4028a), Soil Texture (U4030), undated
- 14 Soils Unit, Understanding Soils by Kyle Wittlee, 1999-2000
- 15 Standards for Measures of Efficiency (U2020), 1999
- 16 Standards for Measures of Efficiency (U2020), 2000
- 17 Standards for Measures of Efficiency (U2020), 2002
- 18 Standards for Measures of Efficiency (U2020), 2003
- 19 Standards for Measures of Efficiency (U2020), Advance Report: Farm Income & Production Costs, 2003
- 20 Standards for Measures of Efficiency (U2020), Advance Report: Farm Income & Production Costs, 2004
- 21 Standards for Measures of Efficiency (U2020), Advance Report: Farm Income & Production Costs, 2005
- 22 Standards for Measures of Efficiency (U2020), 2007
- 23 Standards for Measures of Efficiency (U2020), 2008
- 24 Standards for Measures of Efficiency (U2020), 2009; Summary of Illinois Farm Business Records, 2008
- 25 State FFA Awards Day, 2006
- 26 State FFA Awards Day, 2007-2011

- 27 State Reports, 2006-2016
- 28 Strategic Plan for Illinois Agricultural Education, 2007
- 29 Surveying, 1999
- 30 Surveying, 2000
- 31 Surveying, 2003
- 32 Surveying, 2005
- 33 Surveying, DT310, 3010b, ABE 325, 2006
- 34 Surveying, 2008
- 35 Surveying, 2009
- 36 Train the Trainers, June 3, 2002
- 37 Tools and Aviation Fundamentals, 1999-2003
- 38 Video, Quality Management at Prairie Farms Dairy, 1995
- 39 Welding, 1998
- 40 Welding, 2000
- 41 Welding, 2008
- 42 Welding, 2009
- 43 Welding, Oxy-Acetylene Torch, 2002
- 44 Wood Handbook notes, undated

Series 4: EZ Records

- 45 Agriscience Record Book, 2006
- 46 EZ Records, 2008
- 47 EZ Records Book Changes, 2002-2004
- 48 EZ Records Business Agreement, 2002-2006
- 49 EZ Records – Computerized Record Book, 2001-2002
- 50 EZ Records Eastern Region States, Meeting, 2006
- 51 EZ Records Guide to Operation, undated

- 52 EZ Records History, 2006-2008
- 53 EZ Records Legal Agreements, 2009
- 54 EZ Records Operating Guide, undated
- 55 EZ Records Presentation, 2002
- 56 EZ Records Research Agreement, 2006-2011
- 57 EZ Records Teacher Version, 2004
- 58 EZ Records Tutorial, 2002
- 59 EZ Records Tutorial Answer Sheet, undated
- 60 EZ Records Tutorial Script, Summer 2002
- 61 EZ Records Users Manual, undated
- 62 IAVAT EZ Records Letter, 2014
- 63 Indiana EZ Records Presentation, 2008
- 64 Intro Tips & Hints, undated
- 65 IT24 Programming, 2001-2002
- 66 IT24 Work on EZ Records, 2002
- 67 ITCS/IAVAT Web Record Agreement, 2005-2006
- 68 Keeping Supervised Agricultural Experience Program Records, undated
- 69 Marketing EZ Records, 2002-2003
- 70 Marketing EZ Records, 2003
- 71 Marketing EZ Records, 2003-2008
- 72 Record Keeping Unit Revisions, 2000
- 73 Web Record Book Files, 2005-2006
- 74 Web Records Book In-Service, 2005
- 75 Web Records Book In-Service Presentations, 2005-2006
- 76 Web Records Book, Teacher Version, 2005
- 77 Web Records Book Testing, 2005-2006

78 Web Records Book Users Guide, undated

**Box 11**

Series 5: FCAE

1 Dist IV & Ag Ed Advisory, April 11, 2005

2 FCAE, 1999

3 FCAE, 2003

4 FCAE Staff Meeting, 2008

5 Section Meeting, Fall 2001

6 Section Meeting, 2002

7 Section Meeting, Fall 2003

8 Section Meeting, Fall 2005

9 Section Meeting, Fall 2006

Series 6: IAVAT

10 Electricity In-Service, 2007

11 Electric Workshop Agenda, IAVAT Conference, 2011

12 IAVAT Agricultural Mechanics Career Development, 2000

13 IAVAT Awards Banquet, 1999

14 IAVAT Career Development Events, 2005-2006

15 IAVAT Conference, 2003

16 IAVAT Conference, 2005

17 IAVAT – ITCS Meeting, November 12, 2004

18 IAVAT – ITCS Meeting, 2005

19 IAVAT Practice Problem & Key, 1998

20 IAVAT Section and District Structure, 2008

21 IAVAT Student Branch Conference, 2006

22 SAE Workshop, 2003-2008

Series 7: Publications

Publications Arranged by Topic (in Original Order):

- 23 Swine Report, 1994
- 24 Animal Diseases and Parasites, undated
- 25 Animal Breeding, undated
- 26 Dairying, 1979-1986
- 27 Feeds and Feeding, 1995
- 28 Fish and Wildlife, 1989
- 29 Poultry and Eggs, 1992
- 30 Sheep and Goats, 1993
- 31 Agricultural Economics, undated
- 32 Agricultural Law, 1991
- 33 Farm Accounting, 1970, 1983, 1990
- 34 Assessing Farming in Illinois, 1984
- 35 Farm Management, 1989
- 36 Home Economics, 1983-1988
- 37 Marketing, 1992
- 38 Crop Processing and Handling, 1967, 1991
- 39 Drainage and Sewage Disposal, undated
- 40 Electrical Wiring, Motors, and Controls, 1985-1986
- 41 Farm Machinery, 1988
- 42 Farm Structures, 1988
- 43 Safety, 1983-1999
- 44 Shop Work, 1984 (1 of 2)
- 45 Shop Work, 1984 (2 of 2)
- 46 Small Engines, 1981

- 47 Water Supply and Conservation, 1978, 1989
- 48 Corn, 1992
- 49 Land Use, 1988
- 50 Plant and Soil Science, undated
- 51 Plant Breeding, undated
- 52 Plant Diseases and Parasites, undated
- 53 Alternatives in Insect Management: Beneficial Insects, 1990
- 54 Soil Conservation, 1986-1987
- 55 Soils and Fertilizers, 1984
- 56 Soybeans, 1982-1985
- 57 Weeds, 1988-1994
- 58 Floriculture, 1981-1989
- 59 Forestry, 1984-1997
- 60 Greenhouse Operation and Management, 1985
- 61 Landscaping, 1983-1989
- 62 Lawns and Turf, 1984-1990
- 63 Orcharding and Small Fruit, 1982-1988
- 64 Ornamental Horticulture, 1979-1992
- 65 Vegetable Gardening, 1979-1993
- 66 Agricultural Education, 1980-1993
- 67 Agriculture/Science, 1988-1992
- 68 Careers, 1988-1989
- 69 Facts from Our Environment, 1995
- 70 Computers and Software, Lotus 1-2-3, undated

**Box 12**

Series 7: Publications Continued

Vocational Agriculture Publications (includes some duplicates from Series 1):

1000s Animal Science

1 U 310 Farm Management Manual

2 VAS 1001a – VAS 1030

VAS 1001a Caring for the Sheep Breeding Flock

U 1002c Artificially Inseminating Livestock

VAS 1003 Selecting and Purchasing Sheep

VAS 1004 Diseases of Sheep

VAS 1005 Internal Parasites of Sheep

VAS 1006 External Parasites of Sheep

VAS 1007 Capons and Caponizing

VAS 1008a Making the Butterfat Test

VAS 1009a Improving Animals Through Breeding

VAS 1010b Managing the Beef Cow Herd

VAS 1011 The Ewe and Her Lamb

VAS 1012 Buying and Feeding Beef Cattle

VAS 1013a General Facts on Livestock Feeding

VAS 1014 Poultry Lice and Mites

VAS 1015 Internal Parasites of Poultry

VAS 1016 Baby Chicks

VAS 1017 Culling the Laying Flock

VAS 1018 Minerals for Livestock

VAS 1019a Judging Livestock

VAS 1020b Feeding Dairy Cattle

VAS 1021 Raising Dairy Calves

VAS 1022 Raising Dairy Heifers and Bulls



VAS 1023 Market Classes and Grades of Livestock

VAS 1024a Breeds of Beef Cattle

VAS 1025 The Cow's Udder and How It Functions

VAS 1026a Digestion in Animals

VAS 1027 Feeding Lambs

VAS 1028 Managing the Dry Dairy Cow

VAS 1029a The Swine Enterprise

VAS 1030 Keeping and Using Swine Records

3 VAS 1031a – VAS 1051

VAS 1031a The Sheep Enterprise

VAS 1032 Castrating, Docking, and Dehorning

VAS 1033b Selecting and Purchasing Hogs

VAS 1034a Caring for the Swine Herd During Breeding and Gestation

VAS 1035 Cattle Grubs

VAS 1036a Swine Feeds and Feeding

VAS 1037b Caring for the Sow and Litter at Farrowing Time

VAS 1038 Feed Additives

VAS 1039a Systems of Swine Breeding

VAS 1040 Selecting, Feeding, and Caring for Light Horses

VAS 1041 Caring for the Brood Mare and Foal ARC is missing these\*\*\*

VAS 1042 Urea as a Ruminant Supplement

VAS 1043 Silage as an Animal Feed

VAS 1044 Blocking and Trimming Sheep

VAS 1045 Breeds of Swine

VAS 1046 Dairy Cattle Breeds

VAS 1047 Horses and Horsemanship

VAS 1048 USDA Grades of Swine

VAS 1049 Breeds of Sheep

VAS 1050 Rabbit Raising

VAS 1051 Stocking with Quail and Pheasant

4 VAS 1052 – U AG 1063

VAS 1052 Caring for the Small Laying Flock

VAS 1053 Using Rope in Animal Agriculture

VAS 1054 Health Problems with the Beef Cow Herd

VAS 1055 USDA Grades of Beef

VAS 1056 The Beef Breeding Enterprise

VAS 1057 The Feeder Cattle Enterprise

VAS 1058 Animals in World Agriculture

VAS 1059 Livestock Waste Management

VAS 1060 Feeding and Managing Sheep and Lambs

VAS 1061 Using Livestock Production Records

VAS 1062 Feeding and Care of Dogs

U AG 1063 Feed Additives and Hormone Implants in Animal Agriculture

5 U 1064 – U 1070

U 1064 Feed Rations for Swine

U 1066 The Basics of Aquaculture Production

U 1070 Marking Animal Sciences Contest Cards

2000s Ag Business

6 VAS 2001b – VAS 2021

VAS 2001b Planning a Profitable Farm Business

U 2001c Planning a Profitable Farm Business

VAS 2002b Inventorying Resources for Farm Planning

VAS 2003b Planning the Cropping System

VAS 2004a Field Arrangement Principles

VAS 2005a Developing the Land-Use Plan and Field Layout

VAS 2006b Choosing Specific Crops to Grow and Estimating Production

VAS 2007a Making Estimates of Crop Production and Its Value

VAS 2008b Record Keeping on the Farm

VAS 2009c Using the Illinois Farm Record Book

VAS 2010b The Soil Fertility Program—Economic Considerations

VAS 2011a Choosing the Type of Farm

VAS 2012b Planning Livestock for the Farm

VAS 2013a Planning to Have an Adequate Size of Business

VAS 2014a Choosing the Livestock System

VAS 2015 Completing the Soil Fertility Plans

VAS 2016a Marketing Agricultural Products

VAS 2017 The Mechanics of Land Transfer

VAS 2018d Law for the Farmer

VAS 2019 Getting Started in Farming is Hard

VAS 2020 The Rural Community and Its Development

VAS 2021 What Factors Affect Prices of Farm Products?

7 VAS 2022 – VAS 2038

VAS 2022 Taxation and the Farmer

VAS 2023a Marketing Dairy Products

VAS 2024b Using Credit to Increase Farm Earnings

VAS 2025b Determining Credit Needs on the Farm

VAS 2026b Planning for Repayment of Loans

VAS 2027b Sources of Farm Credit

VAS 2028b Factors Involved in the Borrowing Process

VAS 2029a Types of Hog Markets in Illinois

VAS 2030 Four Common Ways of Doing Business

VAS 2031a Changes Occurring in Hog Marketing

VAS 2032 How Prices of Meat Animals Are Established

VAS 2033a Using Farm Real Estate Loans

VAS 2034 Credit Instruments

VAS 2035a Balancing the Labor Supply and the Farm Business

VAS 2036 Simplifying Farm Work

VAS 2037a Setting Up Farm Records to Provide for Analysis

VAS 2038 Capitalism, Socialism, and Communism

8 VAS 2039a – VAS 2041a

VAS 2039a Fitting Machinery and Equipment to the Farm

Production  
VAS 2040a Agricultural Business Management—Principles That Affect

VAS 2041a Keeping Records of the Supervised Farming Program

9 U 2041a Content Summary

10 U 2041b – U 2046

Records  
U 2041b Keeping Illinois Supervised Agricultural Experience Program

VAS 2042 Land Surveys and Descriptions

VAS 2043 Income Possibilities for Your Farm

VAS 2044 Calculating the Cost of Producing and Storing Corn

VAS 2045 Water Use and Allocation Laws

U 2046 Fundamentals of Marketing Agricultural Products

3000s Ag Mechanics

11 VAS 3001a – VAS 3002a

VAS 3001a Oxyacetylene Welding and Cutting

VAS 3002a Cold Metal Work

12 VAS 3003b Planning for Electrical Wiring, photos

13 U 3003c – VAS 3010a

U 3003c Planning for Electrical Wiring

VAS 3004a Shielded Metal-Arc Welding

VAS 3005 Sharpening Hand Tools

VAS 3006 Selecting Lumber and Other Building Materials

VAS 3007a Concrete Improvements for Farm and Home

VAS 3008 Farm Tractor Tune-Up

VAS 3009 Use of the Square in Farm Construction

VAS 3009a Using the Carpenter's Square

VAS 3010a Agricultural Surveying

14 U 3010b Surveying in Agriculture, reference material

15 U 3010b – VAS 3015

U 3010b Surveying in Agriculture

VAS 3011 Lightning and Lightning Protection on the Farm

VAS 3012a Electrical Hazards in Home, Farm, and Business

U 3013a Storing, Handling, and Using Fuels Safely

VAS 3014 Small Engines—Principles of Operation, Trouble Shooting, and

Tune-Up

VAS 3015 Spray Painting

16 VAS 3016 Electrical Wiring Procedures, revisions, original illustrations

17 VAS 3016a – VAS 3027

VAS 3016a Electrical Wiring Procedures

VAS 3017a Appraising Farm Buildings

VAS 3018 Air Compressors

VAS 3019 Small Engines—Repair and Overhaul

VAS 3020 The Two-Cycle Engine

VAS 3021 The Planter—Selecting, Adjustment, Maintenance, and Use

U 3022a Safety in the Shop

VAS 3023 Micrometers and Related Measuring Tools

VAS 3024 The Storage Battery

VAS 3025 Engine Compression and Cylinder Leakage Testing

VAS 3026 The Spark Plug—Operation, Selection, and Maintenance

VAS 3027 Soldering for Home, Farm, and Shop Applications

18 VAS 3028 – VAS 3037

VAS 3028 The Ignition System—Testing and Analyzing Test Results

VAS 3029 Using the Carbon-Arc Torch

VAS 3030 The Engine Cooling System

VAS 3031 Tires for Farm Equipment

VAS 3032 Electrical Fundamentals Useful in Engine Analysis

VAS 3033 Spot Welding for Agricultural Mechanics Shops

VAS 3034 Recommended Practices for Building with Concrete Masonry

VAS 3035 Applying Asphalt Roofing and Siding Products

VAS 3036 Tungsten Inert Gas (TIG) Welding

VAS 3037 Metal Inert Gas (MIG) Welding

19 VAS 3038 – VAS 3049

VAS 3038 Using Three-Phase Electrical Power on the Farm

VAS 3039 Glazing

VAS 3040 Preventing Tractor Overturns

VAS 3041 Ferrous Metals—Properties, Identification, and Treatment

VAS 3042 Plywood Applications in Farm Construction

VAS 3043 Hot Metal Work

VAS 3044 A Color Code for Shop Safety

VAS 3045 Metal Roofing and Siding for Farm Structures

VAS 3046 Using the Metric Steel Square

VAS 3047 Introduction to Combines

VAS 3048 Combines: Selecting and Servicing

VAS 3049 Combines—Reducing Harvesting Losses

20 VAS 3050 – VAS 3056

VAS 3050 How Can I Save Money and Energy by Insulating My Home?

VAS 3051a Planning a Woodworking Project

U 3051b Planning a Construction Project

VAS 3052 Selecting and Using Fasteners and Hardware

VAS 3053 Paints and Painting

VAS 3054 Energy Alternatives in Agriculture: Alcohol

VAS 3055 Lumber: Grading, Selecting, Buying, Using, and Storing

VAS 3056 Designing, Installing, Maintaining, and Repairing Plumbing Systems

21 U 3057 Electrical Controls in Agriculture, reference materials, photographs

22 VAS 3058 – U 3061

VAS 3058 Selecting Electric Motors for Use in Agriculture

VAS 3059 Installing and Caring for Electric Motors in Agriculture

U 3060 Collecting and Using Solar Energy

U 3061 Selecting Equipment for Electrical Installations

23 U 3072 Small Gas Engines, reference materials, original illustrations

24 U 3080 Plasma Cutters

4000s Crop and Soil Sciences

25 U AG 4001a – U 4021a

U AG 4001a Collecting and Preparing Soil Samples for Testing

VAS 4002a pH Test for Soil Acidity

U 4003c Phosphorus Management

VAS 4004b Determining Available Potassium in Soils

VAS 4005 Nature of Soil Acidity and Major Plant Nutrients

VAS 4006a Soil Liming—A Key to Better Farming

VAS 4007 Using Phosphorus Fertilizers

U 4008b Potassium Management

VAS 4009b Planning the Nitrogen Program

VAS 4010a Planning a Fertilizer Program

VAS 4011a Hunger Signs in Crops

VAS 4012 Maintaining Organic Matter in Soil

VAS 4013 Animal Manures on the Farm

U AG 4014a Improving Permanent Pastures

VAS 4015 Growing Red Clover

VAS 4016 Growing Ladino Clover

VAS 4017 Growing Sweetclover

VAS 4018 Farmstead Windbreaks

VAS 4019 Seed Treatments

VAS 4020 Plants Poisonous to Livestock

U 4021a Grassed Waterways

U AG 4021a Grassed Waterways

26 VAS 4022 – VAS 4041

VAS 4022 Inoculation of Legumes

VAS 4023b Growing Oats



VAS 4024 Planting and Care of Farm Forests

VAS 4025 Controlling Diseases of Vegetable Crops

VAS 4026 Growing Barley

VAS 4027a Growing Wheat

VAS 4028 Soil Structure

VAS 4029 Soil Color

VAS 4030 Soil Texture

VAS 4031 Selecting and Treating Fence Posts

U 4032b Producing High Alfalfa Yields

VAS 4033b Soybean Production

VAS 4034 Controlling Pests of Home Fruits

VAS 4035 Selecting and Preparing Soybeans for Seeding

VAS 4036 Contouring

VAS 4037 Controlling Giant Foxtail

VAS 4038 Terracing

VAS 4039b Corn Production

VAS 4040a Corn Insects and Their Control

VAS 4041 Minimum Tillage

27 VAS 4042a – VAS 4052a

VAS 4042a Controlling Weeds

VAS 4043 Pruning Fruit Trees

VAS 4044 Storing and Drying Corn

VAS 4045a Handling and Using Pesticides Safely

VAS 4046 Growing and Selling Christmas Trees

VAS 4047 Controlling Insects of Vegetable Crops

VAS 4048 Pruning and Training Bramble Fruits and Highbush Blueberries

VAS 4049 Maize Dwarf Mosaic of Corn

VAS 4050 Nitrates in Water Supplies, Field Crops, and Ruminant Nutrition

VAS 4051 Southern Corn Leaf Blight

VAS 4052a Understanding Soils

**Box 13**

Series 7: Publications, Continued

Vocational Agriculture Publications, Continued:

1 Land-Use Scorecard Tables for Soil Judging

2 VAS 4053 – U 4074

VAS 4053 Using the Illinois Soil Judging Scorecard

VAS 4053a Using the Illinois Land-Use Scorecard

VAS 4054b Using the Universal Soil Loss Equation to Estimate Soil Loss

U 4055a Growing Grain Sorghum by Ken McPheeters

VAS 4056 Wheat Diseases

VAS 4057 Common Problems of Soybeans

VAS 4058 Using Conservation Tillage Systems

VAS 4059 The World's Chief Food Crops

VAS 4060 Soil Erosion... The Silent Enemy of the Soil

U 4074 Precision Agriculture

3 U 4080 – U 5001a

U 4080 Pesticide Use: A Benefit/Risk Analysis

U 4081 Reading Chemical Container Labels

U 4082 Using Farm Chemicals Safely

U 4083 Managing the Environmental Impact of Pesticides

U 4084 Pesticide Application: Equipment and Calibration

U 4085 Glossary of Pesticide Terms

U 4088 Growing Canola

5000s Trees and Horticulture

U 5001a Trees for Landscaping

4 U 5002a – VAS 5012

U 5002a Transplanting Trees

VAS 5003 Fertilizing and Watering Shade and Ornamental Trees

U 5004a Controlling Plant Growth

VAS 5005b Controlling Tree and Shrub Insects

VAS 5006a Producing Plants by Asexual Propagation

VAS 5007 Growing Plants Indoors

VAS 5008 Establishing a Lawn

U 5008a Turfgrass Selection and Establishment

VAS 5009 Arranging Flowers in Vases and Bowls

VAS 5010a Growing Flowering Annuals

VAS 5011 Poinsettias—Care and Propagation

VAS 5012 Planning and Operating a Garden Center

5 VAS 5013 – VAS 5025

VAS 5013 Producing Poinsettias Commercially

VAS 5014 Growing Lilies

VAS 5015 Turfgrass Diseases and Their Control

U 5016a Identifying and Controlling Lawn Insects

VAS 5017a Careers in the Retail Flower Shop Business

VAS 5018 Operating a Retail Flower Shop

VAS 5019 Care of Flowering Pot Plants in the Home

VAS 5020 Reblooming Flowering Gift Plants

VAS 5021 Identifying Tree and Shrub Insects

VAS 5022 Using Coniferous Evergreens in a Landscape

VAS 5023 Soils for Plant Growth—Amendments for Container Soils

VAS 5024 Soils for Plant Growth—Standardized Growing Media

VAS 5025 Careers in Horticulture

6 VAS 5026 – U 5038

VAS 5026 Growing Raspberries and Blackberries in the Midwest

VAS 5027 Growing Strawberries

VAS 5028 Growing Blueberries

U 5029 Growing Grapes

VAS 5030 Preparing for the Vegetable Garden

VAS 5032 Caring for the Vegetable Garden

VAS 5034 Vines for Landscaping

VAS 5035 Preparing Plant Material for Dried Arrangements by Stephanie J.

Edge

U 5036 Maintaining a Weed-Free Lawn

U 5038 Horticultural Plant Names

7 U 5039 – VAS 6014

U 5039 Growing Geraniums

6000s Jobs

U VES 6001b Applying for a Job

VAS 6002 Salesmanship in Agricultural Business

VAS 6003 Human Relations in Agricultural Business

VAS 6004 Agricultural Business Procedures

VAS 6005 The Use of the Cash Register

VAS 6006 Simplifying Work in an Agricultural Business

VAS 6007 Agricultural Credit Instruments

VAS 6008 Customer Credit Management in Agricultural Businesses

VAS 6009 What Factors Affect Prices of Agricultural Products?

VAS 6010 Inventory Management and Control

VAS 6011 Costs to Sell Hogs at Illinois Country Markets

VAS 6012 Planning to Meet Cash Requirements

VAS 6013 Business Under Capitalism and Other Systems

VAS 6014 Common Ways of Organizing a Business

8 U 6015 – U 6027

U 6015 Mathematical Applications in Agriculture

VAS 6015 Using Arithmetic in Agriculture

VAS 6016 Motivating Workers in an Agricultural Business

VAS 6017 Using Insurance in the Farm Business

VAS6018 Establishing Prices for Meat Animals

VAS 6019 Agricultural Markets—Not Necessarily Competitive

VAS 6020 Helping Provide Food for the World's Growing Population

VAS 6021 International Agriculture Exchange and Work Opportunities

VAS 6022 Convenience Foods—A Expanding Agribusiness

VAS 6023 Introduction to Computers in Agriculture

VAS 6024 Illinois Agriculture and Its Importance in the Economy

VAS 6025 Selecting Agricultural Computer Software

U 6026 Marketing Products and Merchandise in Agricultural Businesses

U 6027 Merchandising Agricultural Products by Jerry D. Pepple

9 U 6028 – U AG 7003

U 6028 Career Opportunities in Agricultural Services

U 6029 Using Computers in Agriculture by William P. Hunter

U 6030 The Relationship of Sales to Agriculture

U 6031 Careers in Agricultural Sales

U 6032 Agricultural Sales Communications

U 6033 Steps in Preparing for an Agricultural Sales Call

U 6034 Conducting an Agricultural Sales Call

U 6035 Spreadsheet Applications for Agricultural Business

VAS 7001 History of the Illinois FFA

VAS 7002 Steps to Becoming a Better Speaker

U AG 7003 SOE Programs in Agriculture

10 U 7004 Parliamentary Procedure, teacher's guide, test questions

11 AU 8001 – AU 8030

AU 8001 Crop Origins and Plant Improvement by Sonja Williams

AU 8002 Plant Life Cycles and Breeding by Sonja Williams

AU 8003 Plant Reproduction and Heredity by Sonja Williams

AU 8010 Crop Breeding: Tomato by Jacqueline A. Ricotta and Ken  
McPheeters

AU 8030 Plant Tissue Culture: Sterile Technique

Instructional Materials Catalogs and Order Forms:

12 Instructional Materials and Order Forms, 1981-1984

13 ICTS/Vocational Agriculture Releases, 1981-1992

14 Instructional Materials Catalogs, 1985-1987

15 Instructional Materials Catalogs, 1988-1993

16 ICTS/Vocational Agriculture Releases, 1991-1999

17 Instructional Materials Catalogs, 1994-2002

18 Instructional Materials Catalogs, 2003-2005

Publications from Other States:

19 Indiana Association of Agricultural Educators Directory, 2002-2003

20 Extension Publications from Other States, 1972, 1992-1993

21 Indiana Association of Agricultural Educators Directory, 2009-2010

22 Michigan Agriscience and Natural Resources Educators Directory, 2006-2007

#### **Box 14**

##### Series 8: Educational Videotapes

Agriscience Teaching Kit: Agriculture Renews Our Planet—Growing Energy for the Future

Agriscience Training Video: Agriculture Measures Up—Using Mathematics in Agriculture

Agriscience Training Video: Animals in Agriculture—Their Growth and Development

Agriscience Training Video: Dairy Delights—Good Nutrition from Milk

Agriscience Training Video: Eggciting Experiments—Chick Incubation and Embryology

Agriscience Training Video: Growing Better Every Day—Using Genetics to Improve Agriculture

Agriscience Training Video: Insects—Agriculture's Foes or Friends

Agriscience Training Video: Rain or Shine—Weather's Effect on Agriculture

Agriscience Training Video: Protein Providers—The Superb Soybean

Making Choices with the Environment in Mind

#### **Box 15**

##### Series 9: Extension Publications

1 All Aboard: Volunteer Boards That Work, 1993, 1995

2 C-Far: Illinois Council on Food & Agricultural Research, 1999 Annual Report

3 Conservation Systems Workshop, undated

4 Duel or Discussion: A Conflict Management Curriculum, 1998

5 Environmental Shopping: A Consumer Environmental Education Teaching Packet, 1993

- 6 Extension Publications Plus, 2003
- 7 Field Crop Scouting Manual, undated
- 8 Functional Foods for Health, undated
- 9 Illinois Agriculture, Agribusiness, and the Rural Economy, 1994
- 10 Illinois Family Account Book, 1992
- 11 Illinois Farm Leases, 1992
- 12 Illinois Fertilizer Conference Proceedings, 1994
- 13 Illinois Pesticide Applicator Training Manuals, 1992-1996
- 14 Illinois Pesticide Applicator Training Manuals, 1999
- 15 Illinois Pesticide Applicator Training Workbooks, 1993-1994
- 16 Illinois Pesticide Training & Pest Management, 1990, 1995
- 17 Illinois Small Fruit and Strawberry Schools, Conference Proceedings, 1994
- 18 Illinois Voluntary Limestone Program Producer Information, 2006
- 19 Leadership Development Through Community Action, 1999
- 20 Midwest Vegetable Production Guides, 1994-1995
- 21 National Corn Handbook, 1991 (1 of 2)
- 22 National Corn Handbook, 1991 (2 of 2)
- 23 New Communications Technologies in Agriculture, Parts 1-3, 1993
- 24 On-Farm Research Results, 1993-1994, 1997
- 25 Opinions Concerning Agricultural Education-Related Organizations in Illinois,  
1991
- 26 Personal Protective Equipment for Farmers, 1995
- 27 Plant Health Care for Woody Ornamentals, 1997
- 28 Small Scale Beef Production Handbook, 1998
- 29 Skill Sheets for Agricultural Mechanics, 1969
- 30 Tree Climbers' Guide, 1994



**Box 16**

Series 10: Slides (glass unless otherwise indicated)

Characteristics of Good FFA Leaders

Circular Saw

The FFA Vice-President Committee Chairman

Filing System for Publications and Circulars (35mm)

Garden Flowers, Annuals, Part I

Garden Flowers, Annuals, Part II

Garden Flowers, Part III

Identification of Beef Cuts

Identification of Lamb Cuts

Identification of Pork Cuts

Lawn Mowers

Leadership Training for FFA Chapter Membership

Soils