

## SUPER Knowledge Areas and Topics

September 9, 2005

<b>Knowledge Area</b>	<b>Topics</b>
<b><i>Plant Sciences</i></b>	Precision Ag
	Cotton Production
	Stored Grain
	Master Gardeners
	Tobacco pests and Diseases
	Tobacco Production
	Forages
	Row Crops Production
	Turfgrass Professionals
	Turfgrass Homeowners
	Fruit and Nut Production

<b>Knowledge Area</b>	<b>Topics</b>
<b><i>Value-Added Agriculture</i></b>	Food Entrepreneurship
	Agritourism
	Cooperative Development
	Developing Rural Businesses
	Direct Marketing Meat and Livestock Products
	Sustainable Agriculture

<b>Knowledge Area</b>	<b>Topics</b>
<b><i>Biosystems Engineering and Soil Science</i></b>	Precision Ag
	Agrosecurity and Biosecurity
	Stored Grain
	Ag/Livestock Production Facilities Planning
	Water Quality in Ag
	Hay Storage
	Tractor/Machinery Safety
	AgrAbility
	Optimal Irrigation

**SUPER Knowledge Areas and Topics – 2**

<b>Knowledge Area</b>	<b>Topics</b>
<b>Food Science and Technology</b>	Safe Food Handling in Child Care Facilities
	Preserving Foods Safely at Home
	Food Entrepreneurship

<b>Knowledge Area</b>	<b>Topic</b>
<b>Forestry, Wildlife and Fisheries</b>	Forest*A*Syst Program
	Forest Products Awareness
	Master Loggers
	Forest Landowner Education
	County Forestry Association
	Native Grasses for Wildlife
	Wildlife Habitat
	Pond Management
	Commercial Aquaculture

<b>Knowledge Area</b>	<b>Topics</b>
<b>Entomology and Plant Pathology</b>	Stored Grain
	Fire Ants
	Household and Structural Pests
	Disease Control in Green Industry
	IPM: Child-Serving Facility
	Pesticide Safety Education Program
	Livestock Pest Control
	Tobacco Pest and Disease Control
	Pests and Pesticides
	Tools for Schools
	Insects and Mites
	Vegetable and Fruit Crop Disease Control
	Cooperative Ag Pest Survey Program

**SUPER Knowledge Areas and Topics – 3**

<b>Knowledge Area</b>	<b>Topics</b>
<b><i>Animal Science</i></b>	Beef Quality Assurance
	Goat Health
	Dairy Grazing
	Feeding is Fundamental
	Master Beef Producer
	Horse Health and Nutrition
	Animal Identification and Premises Registration
	Tennessee Beef Evaluation
	Beef Cattle Pre-Conditioning Programs
	Dairy Production
	Pork Production

<b>Knowledge Area</b>	<b>Topics</b>
<b><i>Agricultural Economics</i></b>	Marketing Risk Management
	Green Industry Profitability
	Fruit and Vegetable Profitability
	Farm Financial Analysis and Planning
	Farm Financial Management
	Water Quality in Ag
	Animal Identification and Premises Registration
	Tennessee Beef Evaluation
	Beef Cattle Pre-Conditioning Programs

<b>Knowledge Area</b>	<b>Topics</b>
<b><i>Economic Development</i></b>	Resource Development
	Food Entrepreneurship

**SUPER Knowledge Areas and Topics – 4**

<b>Knowledge Area</b>	<b>Topics</b>
<b>Health and Safety</b>	Child-Serving Facility IPM
	Safe Food and Water in an Emergency
	Disaster Preparedness for Families
	Emergency Preparedness for Childcare Centers and Schools
	Disaster Preparedness for Food Safety
	Disaster Preparedness for Family Finances
	Extension and Homeland Security
	TEAM UP Tennessee
	Dining with Diabetes
	Be Medwise Tennessee
	Protect Your Family’s Health with Immunizations
	TN Childhood Lead Poisoning Prevention Program
	Lead-Based Paint
	Radon
	Mercury
	Pests and Pesticides
	Environmental Tobacco Smoke
	Allergies
	Asthma
	Indoor Air Quality
	Arthritis Self-Help Course
	Sun Safety
	Poison Prevention
	PACE
	Methamphetamine and Children
	Carbon Monoxide
	Infant Safety
	Fire Safety
	Household Chemicals
	Clean Water
	Outdoor Pollution
	Clean and Healthy Home
	Tools for Schools
TN Choices for Better Health Care	
Latino Health Access Coalition	
Homeland Security and Emergency Preparedness Using Volunteers	
Tai Chi	

**SUPER Knowledge Areas and Topics – 5**

<b>Knowledge Area</b>	<b>Topics</b>
<b>Nutrition and Food Safety</b>	Diet Quality
	Weight Maintenance or Weight Loss
	Emotional Eating
	Food Shopping and Cooking
	Safe Food Handling Practices for Consumers
	Preserving Foods Safely at Home
	Safe Food and Water in an Emergency
	Physical Activity
	Disaster Preparedness and Food Safety
	TN Childhood Lead Poisoning Prevention Program
	Mercury
	Pests and Pesticides
	Tools for Schools
	Tennessee Shapes Up
	Safe Food for Tennessee
Safe Food in Child Care Handling Facilities	

<b>Knowledge Area</b>	<b>Topics</b>
<b>Human Development</b>	Parenting and Co-Parenting
	Book by Book
	Love at First Sight
	Mercury
	Environmental Tobacco Smoke
	Indoor Air Quality
	Sun Safety
	Methamphetamine and Children
	Infant Safety
	Household Chemicals
	Outdoor Pollution
	Clean and Healthy Home
	Safe Food Handling in Child Care Facilities

**SUPER Knowledge Areas and Topics – 6**

<b>Knowledge Area</b>	<b>Topics</b>
<b><i>Family Economics</i></b>	Youth Financial Management Simulations
	Disaster Preparedness for Family Finances
	The Changing Workplace
	Tennessee Saves

<b>Knowledge Area</b>	<b>Topics</b>
<b><i>4-H Positive Youth Development</i></b>	4-H Volunteer Development
	Achieving Goals
	Communicating (Public Speaking)
	Communicating
	Ethical Decision-Making
	Healthy Lifestyle Choices
	Responsible Citizenship
	Building Relationships
	Leadership
	Responsibility
	Positive Self-Esteem
	Teamwork

<b>Knowledge Area</b>	<b>Topics</b>
<b><i>Volunteer Development/ Management</i></b>	4-H Volunteer Development
	Master Gardener

**Knowledge Areas and Relationships to Base Programs**

	<b>Agriculture and Natural Resources</b>	<b>Family and Consumer Sciences</b>	<b>4-H Youth Development</b>	<b>Resource Development</b>
Agricultural Economics	Yes	No	Yes	Yes
Animal Science	Yes	No	Yes	No
Biosystems Engineering and Soil Science	Yes	No	Yes	No
Economic Development	Yes	Yes	Yes	Yes
Food Science and Technology	Yes	Yes	Yes	No
Forestry, Wildlife and Fisheries	Yes	No	Yes	No
Family Economics	Yes	Yes	Yes	Yes
4-H Positive Youth Development	Yes	Yes	Yes	No
Volunteer Development/Management	Yes	Yes	Yes	Yes
Entomology and Plant Pathology	Yes	No	Yes	No
Health and Safety	Yes	Yes	Yes	No
Human Development	No	Yes	Yes	No
Nutrition and Food Safety	Yes	Yes	Yes	No
Value-Added Agriculture	Yes	No	Yes	Yes
Plant Sciences	Yes	No	Yes	No

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