

PROGRAM MANAGEMENT/STRATEGIC PLAN IMPLEMENTATION

CODE	TITLE	DESCRIPTION	RETENTION	
			OFFICE OF PRIMARY RESPONSIBILITY	ALL OTHER OFFICES
PMS	Program Management Strategic Plan Implementation			
1	Public Inquiries about Strategic Plan Responses, Reactions			
2	Strategic Plan Developmental Materials Operational Plan Development			
3	OBJECTIVE #1 - Natural Resources - Mgmt. Conservation			
3-1	APPROACH 1.1 Assess and Predict Changes			
3-1-1	Air Quality/Weather - Ag. Production Acid Rain Assess Predictions			
3-1-2	Productive Capacity - Land & Soil Assess and Predict			
3-1-3	Water Supplies - Quantity and Soil Assess and Predict			
3-2	APPROACH 1.2 Protect and Restore			
3-2-1	Control of Soil Losses - Protect Restore			
3-2-2	Fertility - Chem. Bio. Properties - Protect Restore			
3-2-3	Soil Physical Conditions Protect and Restore			

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3-2-4	Waste Recycling - Municip. - Agric. Protect and Restore			
	APPROACH 1.3			
3-3	Improved Water Management System			
3-3-1	Water Management and Flood Control			
3-3-2	Water Storage - Distribution - Irrigation			
3-3-3	Water Use By Plants - Crops - Range			
	APPROACH 1.4			
3-4	Systems and Models			
3-4-1	Management Strategics/Agriculture Production Systems Models			
3-4-2	Management Strategies - Environmental Quality Systems Model			
3-4-3	Management Strategies/Non-Agriculture Users - Systems - Models			
	OBJECTIVE #2			
4	Productivity/Quality Crops			
	APPROACH 2.1			
4-1	Broaden Germplasm Resources - Crops Productivity - Quality			
4-1-1	Acquisition Evaluation - Distribution Germplasm Ag/Indus. New Crop (KENAF)			
4-1-2	Acquisition - Evaluation Distribution Germplasm Pest Management			
4-1-3	Taxonomy - Geography - Ecology Plants Germplasm Beneficial Organisms Pests			

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4-2	APPROACH 2.2 Select and Modify Germplasm			
4-2-1	Biological Control-Pests of Crop Plants Germplasm			
4-2-2	Genet Population - Benefit and Pest Management Organization - Germplasm			
4-2-3	Genet Population - Field Crops Germplasm			
4-2-4	Genet Population - Horticulture Speciality Crops, Narcotics - Germplasm			
4-2-5	Genet Population - Range - Pasture Forage Turf-Range-Germplasm			
4-2-6	Germplasm Enhancement Plans			
4-2-7	Germplasm Plant Exploration			
4-2-8	New Methods of Germplasm Modifications			
4-3	APPROACH 2.3 Improved Production Practices			
4-3-1	Basic Biology - Plants Microorganisms			
4-3-2	Equipment Efficiency - Agricultural Production and Protection Engineering			
4-3-3	Field Crops - Cultivation Management Barley Cultivation and Management Corn Cultivation and Management Cotton Cultivation and Management Gambe Cultivation and Management Cuphea Cultivation and Management Flax Cultivation and Management Guau Cultivation and Management Guayule Cultivation and Management Millet Cultivation and Management Oats Cultivation and Management Peanut Cultivation and Management			

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			OFFICE OF PRIMARY RESPONSIBILITY	ALL OTHER OFFICES
4-3-3 (Con't)	Rice Cultivation and Management Sorghum Cultivation and Management Soybean Cultivation and Management Sugar Beet Cultivation and Management Sugar Cane Cultivation and Management Tobacco Cultivation and Management Wheat Cultivation and Management			
4-3-4	Horticultural and Specialty Crops Cultivation and Management Apple Cultivation and Management Blueberry Cultivation and Management Citrus Cultivation and Management Peach Cultivation and Management Pear Cultivation and Management Plum Cultivation and Management Potato Cultivation and Management Small Fruits Strawberry Cultivation and Management			
4-3-5	Pollination and Honey Production - African Bee			
4-3-6	Range, Pasture, Forage Turf-Cultivation and Management Forage Cultivation and Management Pasture Cultivation and Management Range Cultivation and Management Turf Cultivation and Management			
4-4	APPROACH 2.4 Reduce Losses			
4-4-1	Agricultural Chemical Technology/Uses			
4-4-2	Biology - Insects Reduce Losses			
4-4-3	Biology - Nematodes Reduce Losses			
4-4-4	Biology - Plant and Pathogens Reduce Losses			
4-4-5	Biology - Weeds Leafy Spurge			
4-4-6	Control of Vertebrate Pests			

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			OFFICE OF PRIMARY RESPONSIBILITY	ALL OTHER OFFICES
4-4-7	Insect, Disease, Nematode Losses, Field and Horticultural Crops			
	Reduce Losses, Insects Diseases, Nematode			
	Apple			
	Barley			
	Blueberry			
	Cherry			
	Citrus			
	Corn			
	Cotton			
	Crambe			
	Cuphea			
	Flax			
	Guar			
	Guayule			
	Millet			
	Oats			
	Peach			
	Peanuts			
	Pear			
	Plum			
	Potato			
	Rice			
	Sorghum			
	Soybean			
	Strawberry			
	Sugar Beet			
	Sugar Cane			
	Sunflower			
	Tobacco			
	Wheat			
4-4-8	Insects, Disease, Nematode Losses			
	Range, Pasture, Forage, Turf			
	Forage Reduce Losses			
	Pasture Reduce Losses			
	Range Reduce Losses			
	Turf Reduce Losses			
4-4-9	Weed Losses - Field Horticultural Crops			
	Agent Orange			
	Apple Weed Losses			
	Barley Weed Losses			
	Blueberry Weed Losses			
	Citrus Weed Losses			
	Corn Weed Losses			
	Cotton Weed Losses			
	Crambe Weed Losses			
	Cuphea Weed Losses			
	Flax Weed Losses			
	Guar Weed Losses			
	Guayule Weed Losses			

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CODE	TITLE	DESCRIPTION	OFFICE OF PRIMARY RESPONSIBILITY	ALL OTHER OFFICES
4-4-9 (Con't)	Millet Weed Losses Oats Weed Losses Peach Weed Losses Pear Weed Losses Rice Weed Losses Sorghum Weed Losses			
	Soybean Weed Losses Strawberry Weed Losses Sugar beet Weed Losses Sugar Cane Weed Losses Sunflower Weed Losses Tobacco Weed Losses Wheat Weed Losses			
4-4-10	Weed, Range, Pasture, Forage Turf- Aquatic, Non-Crop land - Agent Orange Aquatic Plants Weeds Losses Forage Weeds Losses Non-Cropland Weed Losses Pasture Weed Losses Range Weed Losses Turf Weed Losses Weeds - General			
4-5	APPROACH 2.5 Integrated Practices			
4-5-1	Assess Crop Condition/Yield Limits Integrated Practices			
4-5-2	Crop Growth and Management Models			
5	OBJECTIVE #3 Productivity/Quality Animals Welfare			
5-1	APPROACH 3.1 Increase Genetic Capacity			
5-1-1	Genetic Resistance - Dis. parasites Beef Genetic Resistance to Disease and Parasites Dairy Genetic Resistance to Disease and Parasites Poultry Genetic Resistance to Diseases and Parasites Sheep and other Animals Genetic Resistance to Diseases and Parasites Swine Genetic Resistance to Diseases and Parasites			

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			OFFICE OF PRIMARY RESPONSIBILITY	ALL OTHER OFFICES
5-1-2	Genetic Material - Manipulation	Beef Genetic Manipulation Dairy Genetic Manipulation Poultry Genetic Manipulation Sheep and other Animals - Genetic Manipulation - Wool Swine Genetic Manipulation		
5-1-3	Genetic Variation-Bioch.-Physiol. Behavior	Beef Genetic Variation Dairy Genetic Variation Poultry Genetic Variation Sheep and Other Animals Genetic Variation - Wool Swine Genetic Variation		
5-1-4	Selection and Mating Procedures	Beef Selection and Mating Dairy Selection and Mating Poultry Selection and Mating Sheep and other Animals - Selection and Mating - NRP Document Wool Swine Selection and Mating		
5-2	APPROACH 3.2 Improve Reproduction Efficiency			
5-2-1	Efficiency and Persistence of Lactation and Egg Production	Beef Lactation Dairy Lactation Poultry Egg Lactation Sheep and other Animals - Lactation Wool Swine Lactation		
5-2-2	Germ Cell/Embryo - Production, Transfer Storage	Beef Embryo Transfer Dairy Embryo Transfer Poultry Embryo Transfer Sheep and other Animals Embryo Transfer Swine Embryo Transfer		
5-2-3	Increase Offspring Reared	Beef Increased Offspring Dairy Increase Offspring Poultry Increased Offspring Sheep and other Animals Increased Offspring - Wool Swine Increased Offspring		

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			OFFICE OF PRIMARY RESPONSIBILITY	ALL OTHER OFFICES
5-3	APPROACH 3.3 Improve Nutrition and Feed Efficiency			
5-3-1	Loss and Inefficiency of Nutrient Use Dairy Feed Nutrient Efficiency Beef Feed Nutrient Efficiency Poultry Feed Nutrient Efficiency Sheep and other Animals - Feed Nutrient Efficiency - Wool Swine Feed Nutrient Efficiency			
5-3-2	Nutrient Limitations to Production Beef Nutrient Limitations Dairy Nutrient Limitations Poultry Nutrient Limitations Sheep and other Animals Nutrient Limitations - Wool Swine Nutrient Limitations			
5-3-3	Synth./Composition - Nutr./Physiol. Beef Nutrition to Modify Composition Rate of of Synthesis Dairy Nutrition to Modify Composition and rate of synthesis Poultry Nutrition to Modify Composition and rate of synthesis Sheep and other Animals Wool Nutrition to modify composition and rate of synthesis Swine Nutrition to Modify Composition and rate of synthesis			
5-4	APPROACH 3.4 Control Losses			
5-4-1	Diagnosis/Causative Factors			
5-4-1 (Case files	Beef Diagnosis Causes of Loss Dairy Diagnosis Causes of Loss Poultry Diagnosis Causes of Loss Sheep and other Animals - Wool Diagnosis causes of Loss Swine Diagnosis Causes of Loss			
5-4-2	Environmental Stresses/Roles In Loss Beef Role of Environmental Stress in Loss Dairy Role of Environmental Stress in Loss Poultry Role of Environmental Stress in Loss Sheep and other Animals Environmental			

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			OFFICE OF PRIMARY RESPONSIBILITY	ALL OTHER OFFICES
5-4-2 (Con't)	Stress Wool Swine Role of Environmental Stress in Loss			
5-4-3	Losses - Diseases and Parasites Beef Losses from Diseases and Parasites Dairy Losses from Diseases and Parasites Poultry Losses fro Diseases and Parasites Pseudorabies - Losses from Diseases and Parasites Sheep and other Animals Losses from Diseases and Parasites Wool Swine Losses from Diseases and Parasites			
5-4-4	Losses - Natural & Synthetic Substances Beef losses from natural on synthetic substances Dairy Losses from Natural or Synthetic Substances Poultry Losses from Natural or Synthetic Substances Sheep and other Animals Losses from Natural or synthetic Substances Wool Swine Losses from Natural or synthetic substances			
5-4-5	Mechanism of Infection/Effects Beef Mechanisms of Infection Dairy Mechanisms of Infection Poultry Mechanisms of Infection Sheep and other Animals Mechanisms of Infection - Wool Swine Mechanisms of Infection			
5-5	APPROACH 3.5 Insects Affecting Man			
5-5-1	Caused Mechanisms - Harmful Effects Insects Affecting Man			
5-5-2	Detect Infestation/Assess Loss Insects Affecting Man			
5-5-3	Integrated Control Systems - Insects Ticks Mites Insects Integrated Control Systems for Animals Mites Integrated Control Systems for Animals Ticks Integrated Control Systems for Animals			

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5-5-4	Protect Man-Insect, Insect-Borne Diseases - Ticks in Oklahoma Fire Ant Protect Man from Fire Ant Protect Man from Mosquitos Protect Man from Ticks			
5-5-5	Reduce Losses - Animals and Man Screwworm			
5-6	APPROACH 3.6 Integrated Procedures			
5-6-1	Animal Performance & Labor Efficiency Integrated Procedures			
5-6-2	Environmental Impact & Shelter Needs Farm Integrated Procedures			
5-6-3	Feedstuff Storage Process and Distribution Integrated Procedure			
5-6-4	Handling and Transporting Animals Integrated Procedures			
5-6-5	Integrated Production Systems to Optimize Resources in Animal Production			
5-6-6	Managing and Using Manure Integrated Procedures			
6	OBJECTIVE #4 Optimum Use of Agricultural Products			
6-1	APPROACH 4.1 Enhance Interest Property			
6-1-1	Biol. and Biochem. Mechanisms to Enhance Inherent Properties of Products			
6-1-2	Innov. and Improved Processes/Products Antitranspirants - Hides, Leather Tanning - Improved Processes Soybean Oil - Improved Processes Tobacco - Improved Processes			

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			OFFICE OF PRIMARY RESPONSIBILITY	ALL OTHER OFFICES
6-1-3	Physical, Chemical, Aesthetic Properties for Optimum Product Use			
6-1-4	Regulation and Control - Bio Processes for Optimum Product Use			
6-2	APPROACH 4.2 Toxic Factors in Food			
6-2-1	External Toxic Factors in Food Identification - Control			
6-2-2	Intrinsic Toxic Factors in Food Identification Control - Cancer Trichinae - Salmonella			
6-3	Reduce Post Harvest Losses			
6-3-1	Control Losses - Insect Pests Postharvest Irradiation			
6-3-2	Control Losses - Intern Chem. Biol. Mechan. - Post Harvest			
6-3-3	Control Losses - Microorganisms Postharvest			
6-3-4	Control Losses - Physical Forces Postharvest - Refrigeration			
6-4	APPROACH 4.4 Improved Systems			
6-4-1	Efficient Product Classification for Market place Exchange			
6-4-2	Identify System Inefficiencies for Optimum Use of Products and Processing Equipment			
6-4-3	Reduce or Eliminate Inefficiencies for Optimum Use of Products			
6-4-4	Restrictive Quarantines and Requirements Caribbean Fruit Fly - Med. Fruit Fly			

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			OFFICE OF PRIMARY RESPONSIBILITY	ALL OTHER OFFICES
7	OBJECTIVE #5 Human Health/Well Being Nutrition and Family Res. Mgmt.			
7-1	APPROACH 5.1 Human Nutrient Requirement			
7-1-1	Nutrient Requirements - Adult Humans			
7-1-2	Nutrient Requirements - Infants, Children, Adolescents			
7-1-3	Nutrient Requirements - Pregnant and Lactating Women			
7-1-4	Relation Between Nutrition and Aging			
7-2	APPROACH 5.2 Nutrient Composition of Food			
7-2-1	Bioavailability of Nutrients In Foods			
7-2-2	Nutrient Contents of Foods			
7-3	APPROACH 5.3 Improve Nutritional Status			
7-3-1	Dietary Practice - Consumption Patterns, Nutritional Status			
7-3-2	Improve Family Economic Stability and Security			
7-3-3	Methodology and Evaluation of Nutritional Status			
8	OBJECTIVE #6 System Integration Technology Transfer			
8-1	APPROACH 6.1 Integrated Systems			
8-1-1	Assess/Quantify Interactions and Factors Production and Marketing			

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			OFFICE OF PRIMARY RESPONSIBILITY	ALL OTHER OFFICES
8-1-2	Multivar Expt. Validation Forecasts Production and Marketing			
8-1-3	Predictive Models/Phys. Bio. Factors, Production and Marketing			
8-1-4	Remotely Sensed Data/Info. Models, Agristars			
8-2	APPROACH 6.2 Alternative Agric. Systems			
8-2-1	Productive Organic Agric. Systems Organic Farming - Organic Farm Report			
8-2-2	Small - Scale Efficiency/Productivity Alternative Systems			
8-2-3	System to Reduce Fossil Fuel Dependency			
8-2-4	Tropical/Sub-Tropical Agriculture Systems Productivity			