**AGRI\_EMPOWER RABBIT FARMING CURRICULUM** *Empowering Sustainable Livestock Ventures through Smart Rabbit Rearing and Processing*

**PART I: RABBIT PRODUCTION & REARING**

**Module 1: Introduction to Rabbit Farming** - **Benefits**: Low startup, fast turnover, high feed efficiency, growing market demand. - **Opportunities**: Lean meat, fur/wool, organic manure, niche markets (organic/gourmet).

**Module 2: Setting Up Your Rabbit Farm** - **Site Requirements**: Cool, dry, predator-secure, accessible, well-drained. - **Housing Types**: Wire-mesh hutches (individual/colony), nest boxes, ventilation needs.

**Module 3: Choosing the Right Breed** - **Meat Breeds**: New Zealand White, Californian, Flemish Giant. - **Fur/Dual-purpose**: Rex, Angora, Standard Chinchilla. - **Beginners**: Focus on hardy, productive breeds.

**Module 4: Breeding and Reproduction** - **Cycle**: Sexual maturity at 4-6 months, 28-32 day gestation, 4-6 litters/year. - **Management**: Palpation, mating techniques, nesting protocols, weaning tips.

**Module 5: Feeding and Nutrition** - **Feed Types**: Green forage, concentrates, hay, vegetables (moderate). - **Water Access**: Clean, daily, via sippers or bowls. - **Feeding Schedule**: Twice daily with hay always available.

**Module 6: Health and Disease Management** - **Common Diseases**: Coccidiosis, snuffles, mites, enteritis, sore hocks. - **Prevention**: Hygiene, ventilation, quarantine, pest control, routine checks.

**Module 7: Growth Monitoring and Records** - **Data Types**: Breeding, growth, feed, health, cost tracking. - **Benefits**: Informed decisions, breeding selection, profitability monitoring.

**Module 8: Common Pitfalls in Rearing** - **Mistakes**: Overcrowding, poor ventilation, inconsistent feeding, weak biosecurity. - **Solutions**: Adequate housing, balanced diet, observation routines, record keeping.

**PART II: RABBIT PROCESSING & VALUE ADDITION**

**Module 9: Humane Slaughtering & Processing** - **Techniques**: Humane slaughter, bleeding, skinning, evisceration, chilling. - **Tools**: Sharp knives, sanitizers, clean workstations.

**Module 10: Meat Packaging and Preservation** - **Options**: Fresh cuts, vacuum packaging, freezing, drying (smoked/kilishi style). - **Shelf-life Tips**: Cold chain, hygienic packaging, labeling.

**Module 11: By-products & Waste Utilization** - **Fur/Wool Processing**: Brushing, drying, carding. - **Manure**: Composting, pelletizing for organic fertilizer. - **Blood/Bones**: Blood meal, bone meal.

**Module 12: Regulatory, Safety & Marketing** - **Standards**: Hygiene, PPE, traceability. - **Registration**: NAFDAC, SON, export certifications. - **Market Access**: Local butchers, gourmet outlets, online delivery.

**Expected Outcomes:** - Establish a hygienic, productive rabbit farm. - Gain knowledge on efficient breeding and rearing practices. - Understand rabbit processing and product diversification. - Leverage records and data for business scaling. - Explore niche markets for rabbit products and by-products.

**To Be Delivered As:** - **PDF Slides** (Module-based visual slides for presentations) - **index.html Integration** (Preview snippets & downloadable link) - **Mobile Learning Ready** (Interactive module prep in progress)