

NO	Theme	Indu.	Kind	Subject
I.	Strategic Management & Improving Farming Environment			
	Poultry Products & Technology	Livestock	Layers	Egg industry trends and management effectiveness
				The modern technology of egg decontamination processes to reduce risk of salmonellosis
				Egg processing– Liquid egg production line and risk management
				Advanced technology for detecting eggshell cracks
				A good beginning to start an egg laying business
	Swine Products & Technology		Pigs	Efficient piggery managing plans
				Alternative biosecurity scheme: all-in & all-out and batch production of pigs
				Piggery management in summer and winter
				Successful SPF Business model
				Methods and practices to reduce odor from swine production units
		Smart livestock farming technology: piggery devices embedded in AI, IoT, ICT, Big data, Cloud computing		
	Aquaculture Farming Products & Technology	Aquaculture	Aquatic Organisms	The prospects and market performance of aquaculture business by 2022
				Water matters: recirculating aquaculture farming technology and case study
				Feasible methods to reduce odor of fish ponds and improve aquatic farming circumstances
				Smart approaches in aquaculture to provide a better solution of climate changes / environmental sustainability / food crises
				Cage culture development: potential commercialised fish species and farming approaches in Asia-Pacific regions and countries
				Sustainable aquaculture development: farming innovations and modern technology
II.	Animal Health Management & Strategies			
		Livestock	Pigs	The farming management and nutritional strategy for gilt/sow during conceive, farrowing, lactation, weaning, and gestation
				Additives and nutrition to promote lactation
				Management of weaned piglet's feed intake to achieve high growth performance
				Efficient feeding strategies and high quality ingredients in raising healthy piglets
				Management tips to reduce piglet mortality
				Utilising feed additives to reduces odor of swine manure
Feed mycotoxins control and effective management of pig feed				

Feed & Feed Additives: Livestock & Aquaculture		Poultry	Development and efficiency of poultry raising in using Chinese medicine for feed additives
			Feed additives to promote poultry gut health
			Functional additives with special patent technology
			Feed additives that effectively improve poultry production performances
			Optimal feed formula cost design and challenges for organic poultry diets
	Aquaculture	Aquatic Organisms	Introduction of novel high-protein / high energy feed ingredients
			Supplemental feed to support fish / shrimp / shellfish's gut health
			Trends and technology in shrimp feed
			The latest feed or feed additives with functions of eco-friendly, efficient, and safe
			Cutting-edge ornamental fish feed / aquatic pet food ingredients
Feed Processing Machinery	Livestock	Farmed animals	Energy-saving and efficient feed equipment management
			A model of innovative design and service for modern feed mills
			Raw material flexibility design innovations: grinding machine, mixer, extruder
			Feed mill planning and design for limited land or specific functions
			High level nutrition retaining- how do feed machines perform in the way of palatability, oxidation, nutrient losses and micro control
			Biosecurity management and plans in feed mill
	Aquaculture	Aquatic Organisms	Global feed mill outlook and developing trends
			Avant-garde feed equipment: case study of problem-solving in pellet making process or specific challenges
			A novelty and better preconditioning extruder / pellet making machine / feed formulation for aquatic feed and petfood
			Mixing process: an important step in aquatic feed production
			Effective fat-oil coating technology and equipment for fish feed (floating / sinking feed)
			Shrimp feed: challenges and technologies in feed manufacturing
		Pigs	Reasons and treatment to post weaning diarrhoea in piglets
			Gestation/farrowing sow feeding and healthcare management
			Prevention of sow paraplegia and quadriplegia after delivery
			Clinic evaluation of sow uterin inflammation and vulvovaginitis

	Diagnosis and Prevention of Animal Disease	Livestock		Diseases and other factors that cause gilt/sow abortion	
				Prevention of sow paraplegia and quadriplegia after delivery	
				Diseases and other factors that cause gilt/sow abortion	
				Poultry	Factors affecting intestinal health and comprehensive solutions in poultry
					Common respiratory diseases of poultry flocks
	Fish Drug & Vaccines	Aquaculture	Aquatic Organisms	Prevalent diseases and clinical symptoms in different poultry feeding phases	
				Treatment and management of coccidiosis / pullorum Disease for poultry	
				Common poultry parasitic diseases and prevention methods	
				Introduction of common-used fish drugs, regulations and general standard for contaminants and toxins in selected countries	
				Development and prospects of global aquatic animal vaccine research and practices	
				Application technology of Vibrio/Streptococcus fish oral vaccine	
				The milestones of probiotics utility in fish vaccine	
				Biotechnological approaches to foster the development of effective fish vaccines	
III. Eco-friendly Waste Disposal Technology					
Renewable Energy	Livestock	Farmed animals		Modern technologies of livestock waste recycling to increase farm profitability	
				Sustainable management of livestock and poultry wastes for Asian small-scale farmers	
				Introduction of innovative facilities and technology application for livestock waste treatment	
				Centralized technology of livestock waste management and feasible utilization of resources	
Waste Production	Aquaculture	Aquatic Organisms		Recycling technologies of aquaculture waste water for farming irrigation use	
				Practical utilization schemes for aquaculture effluent	
				Recovery and reuse of waste generated from aquatic animals or aquaculture production	
				Effective waste management for sustainable aquaculture, eg. aquaponics	
IV. Livestock & Genetic Resources					
				Swine/Poultry breeds & marker-assisted selection (MAS)	
				The research of breeding pig gene adapting tropical and subtropical regions	
				Modern techniques and methodology for genetic improvement of pigs/poultry	

	Livestock Breeding	Livestock	Farmed animals	Successful breeding boar management and its key factors
				The trend and development of supply and preservation of boar semen
				Artificial insemination station: the effective way to achieve porcine breeding and its technical application from around the world
				The breeding technology and business outlook of Taiwan black pigs
	Aquatic Fry	Aquaculture	Aquatic Organisms	Global development and trends of fish fry or other aquatic fry
				How to improve culture environment to reach aquatic fry's best performance
				Genetic improvement of Tilapia
Improving quality grouper seed production in Taiwan				
Feed management of shrimp seed and new technology of nereid rearing				
Economical ornamental fish breeding techniques				