



ROTHMAN LIVESTOCK TRAINING SERVICES

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Rothman Agriculture & Livestock Training Academy

Pig Training Module (14 days) - 10 Sub-Modules: Description and Training Content

Pig Module		Artificial Insemination Pigs	
Code	AIP	1	Introduction to Breeding & AI.
Sub-Module		2	Advantages of AI.
P1		3	Disadvantages of AI.
		4	Anatomy.
		5	Physiology.
		6	Oestrus Observation.
		7	Infertility.
		8	Breeding Methods
		9	Hereditability.
		10	Tips to Improve Conception.
		11	AI Management.
		12	Equipment & Loading.
		13	Practical Training.

Pig Module		Pregnancy Awareness Pigs	
Code	PAP	1	Introduction to Pregnancy Awareness
Sub-Module		2	Legal Parameters
P2		3	Various Methods Used
		4	Visual Awareness
		5	Anatomy.
		6	Differential Diagnosis
		7	Anatomy
		8	Ultrasound Basics

Pig Module		Rearing Piglets	
Code	RPI	1	Introduction to Rearing Piglets
Sub-Module		2	Vaccinations for Sow before farrowing
P3		3	Assisting the Sows
		4	Handling sick Piglets
		5	Sources of infection.
		6	Routines
		7	Hygiene
		8	Medication.
		9	Parasite control.
		10	Management Goals.
		11	Breeding Goals.
		12	Inoculation.
		13	Weaning and Breeding
		14	Practical Training.

Pig Module		Stockman's / Animal Husbandry Pigs	
Code	STP	1	Introduction and Overview
Sub-Module		2	Pig handling facilities
P4		3	Pig Housing
		4	Quarantine Control
		5	Restraining Pigs
		6	Principles of good dipping
		7	Stock management at dipping
		8	Tank management for dipping
		9	Tick Control
		10	Rectal temperature
		11	Pulse Rate and respiratory
		12	Administration of medication
		13	Oral administration
		14	Subcutaneous injections
		15	Intramuscular and Intravenous
		16	Diseases
		17	Internal and External Parasites
		18	Vaccinations
		19	Intra-mammary
		20	Intra-tracheal
		21	Intra-vaginal and Intra-uterine
		22	Rectal and Intra-abdominal
		23	Suckling period
		24	Gestation
		25	Treatments of Sows during Pregnancy
		26	Birth problems
		27	Treatment Post-partum
		28	Collecting blood
		29	Practical Training.

Rothman Livestock Training Services (Pty) Ltd

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Registrar Registration Number Namibia: Norman Rothman: 01/5/2011

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Pig Training Module (14 days) - 10 Sub-Modules: Description and Training Content

Pig Module		Nutrition Pigs			
Code	NUP	1	Introduction and Overview	13	Fertility feeding
Sub-Module		2	Piggery proportions	14	Functional feeding
P5		3	Some convincing aspects regarding feeding	15	Metabolic disorders
		4	Goals to achieve optimum reproduction	16	Optimum feeding
		5	Breeding Goals	17	Sow Nutrition
		6	Birth goals	18	Glowing Pigs Nutrition Requirements and common mistakes
		7	Uterine Involution	19	Dry matter intake
		8	Identify your priority	20	Balancing Rations
		9	Feeding systems	21	Digestibility - Feeding Value
		10	Feeding for Various markets	22	Minerals and Vitamins
		11	Feeding at Various ages	23	Digestibility - Fibre - Fatty Acids
		12	Feedlot feeding		

Pig Module		Registered Artificial Insemination Pigs - Non Surgical Cervical AI.			
Code	RAIP	1	Introduction to Breeding & AI.	18	Restraining Boars
Sub-Module		2	Advantages of AI.	19	Tips to Improve Conception.
P6		3	Disadvantages of AI.	20	Synchronization
Duration		4	Anatomy Male & Female	21	Synchronization Legalities
5 days		5	Physiology Male & Female	22	AI Management.
		6	Oestrus Observation.	23	Managing Boars for Collection
		7	Infertility.	24	Record Keeping
		8	Breeding Methods	25	Technical Aspects of Field Work
		9	Hereditability.	26	Record Keeping
		10	Animal Improvement Act of South Africa	27	Technical Field Assessments
		11	Regulation of Animal Improvement Act of South Africa	28	Examination - Theory
		12	Tables and Addendums of Animal Improvement Act	29	Examination - Livestock Improvement Act
		13	Practical Training.	30	Examination - Practical
		14	Microscope Practical	31	Examination - Oral
		15	Correct Cleaning & Equipment Preparation	32	Marks submitted to Registrar for Registration
		16	Evaluating Fresh Semen	33	1st Years Registration if pass mark is achieved
		17	Evaluating Frozen Semen		
Admission Pre-Requisite		Admission for training for the Registered Artificial Insemination for Pigs is only allowed if Trainees have already successfully attended and completed the Standard Artificial Insemination Course for Pigs.			

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Pig Training Module (14 days) - 10 Sub-Modules: Description and Training Content

Pig Module		Semen Collection Pigs	
Code	SCP	1 Introduction and Overview	7 Consumables preparation and usage
Sub-Module		2 Anatomy - Male & Female	8 Diluting fresh semen for freezing
P7		3 Physiology.	9 Freezing fresh semen
		4 Properties of fresh semen	10 record keeping, packing & marking straws
		5 Harmful factors for fresh semen	11 Basic Animal Improvement Act
		6 Equipment preparation & maintenance	12 Practical Training

Pig Module		Registered Semen Collection Pigs	
Code	RSCP	1 Introduction and Overview	7 Examination - Theory
Sub-Module		2 Anatomy - Male & Female	8 Examination - Livestock Improvement Act
P8		3 Physiology.	9 Examination - Practical
		4 Livestock Improvement Act	10 Examination - Oral
		5 Regulation of Livestock Improvement Act	11 Marks submitted to Registrar for Registration
		6 Practical Training.	12 1st Years Registration if pass mark is achieved

Pig Module		Pig Production Systems	
Code	PPD	1 Pig Farming in RSA	7 Feedlot
Sub-Module		2 Economics of Pig Production	8 Marketing
P9		3 Management of Piglets	9 Stud
		4 Farrowing and location	10 Marketing and Quality of Pork
		5 Weaning to Slaughter	11 Baconer
		6 Weaner Sales	12 Transportation of Slaughter Stock

Pig Module		Functional Selection Pigs	
Code	FSP	1 Introduction and Overview	9 Stud and Commercial
Sub-Module		2 Progeny Testing	10 Breed Societies
P10		3 Genomics	11 Body conformity
		4 Stud Book	12 Age and records
		5 Functional Selection	13 Bloodline Selection
		6 Environment	14 General health and appearance of Sows and Boars
		7 Selecting for market	15 Desirable measurements
		8 Selection of Boars	16 Practical Training.