TURKEY TRAININGS

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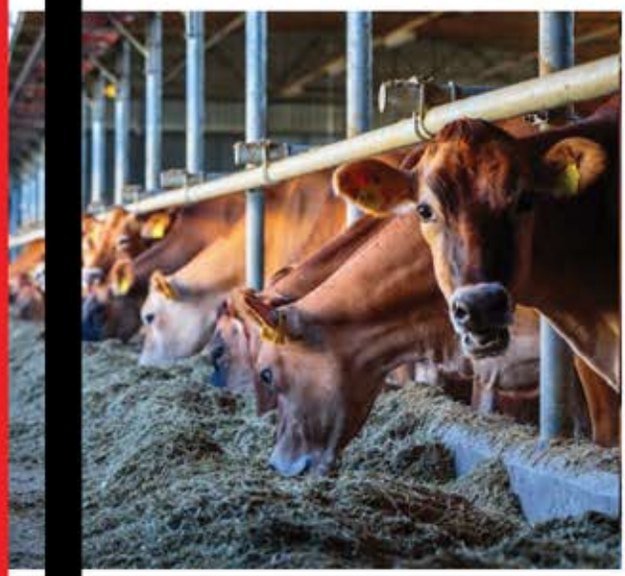

ANIMAL FARMING TRAINING PROGRAM MENEMEN, IZMIR 2021

10 Days Training with field visits,
14 days accommodation
+ 1 day city tour included.
Training is from Monday to Thursday
from 09:00 – 16:00.

A FFEEDING PRINCIPLES OF RUMINANT

1. BASIC FEEDING OF ADULT CATTLE
1.1 How rumen Works
1.2 Feeding principles for rumen health
1.3 Control of rumen health in practice
- Control by manure
- Control by percentage of ruminating
- Control by counting chud chewing

1.4 How to ensure the rumen health
- Quick techniques, straw on feed alley
- Control by using vitamin-B sodium bicarbonate1.5 How to prepare a feed ration

1.5 How to prepare feed ration
1.6 How to closely track and improve feeding

2. BASIC FEEDING OF YOUNG CATTLE
2.1 Feeding calves (0-3 mounths)
2.2 Feeding calves (3-6 mounths)
2.3 Heifers (6-8-15 mounths)
2.4 Males (6-18 mounths)
2.5 Pregnant heifers

3. FEEDING PREGNANT ANIMALS
3.1 Dry period feeding
- First stage
- Close to calving

3.2 Feeding fresh cows

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B CATTLE HOUSING

1. Calf housing
- in calving barn (4-5 days)
- in calf hutches (to 3 mounths)
2. Young Animal Housing
- 3-8 mounts
- 8-18 mounths males
- 8-22 mounths heifers
3. Dry cow barns
4. Calving barns
5. Milking cow barns
6. Milking parlour
- Types and systems
- Pre hospital or seperating pen
7. Other buildings (storages, parking place, silage, calculation of the needed bunkers and houses)
8. Water system and emergency electricity generator

C MACHINES AND ACCESSORIES IN CATTLE FARM

1. In the barn
1.1 Free stalls
1.2 Mats
1.3 Automatic feed Lock (Safety)
1.4 Manure scraper
1.5 Water fountains
1.6 Cooling fans

2. MILKING MACHINE
2.1 Types of parlours
2.2 Most important items in a milking parlour
- Cluster (Claws, teat cups, teat rubbers), vacuum pumps, pre-cooling
- Control of vacuum fluctation
- Pulsators
- Automatic cluster removers
- Back flush system
2.3 Parlour performance measurement
2.4 Milking protocols and how to perform

3. MACHINES FOR FEEDING
3.1 TMR wagon types and accessories
3.2 Concentrate feed production

4. ROUGHAGE PRODUCTION MACHINES
4.1 Silage machines
- Tractor pulled machines
- Self-propelled machines
- Accessories for different kind of silage production
4.2 Mower and conditioner
4.3 Raking
4.4 Baling
4.5 Bale wrapping

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5. MANURE HANDLING MACHINES
5.1 Manure mixers
5.2 Manure pump
5.3 Manure separator
5.4 Manure composting (turning)machines
5.5 Liquid manure spreading
5.6 Dry manure spreading

6. FODDER PRODUCTION AND PRESERVATION
1. Silage
2. Haylage
3. Baled silage or haylage
4. Hay
5. Basic issues for silage production

D MILKING TECHNIQUE

1. Teat and milk production in teat
2. Attachment of teat claw
2.1 Teta cleaning and stripping
2.2 Timing of attachment
2.3 Teat disinfection
2.4 Feeding time and milking time

E HERD MANAGEMENT

1. Milk Yield
2. Milk conductivity (Sub- clinical mastitis detection)
3. Heat detection
4. Milk analyzing
4.1 Fat
4.2 Protein
4.3 Lactose
4.4 Somatic cell count (Detection of ketosis and acidosis)
5. Animal comfort
6. Weight measurement, body condition scoring
7. Health management
8. Diagnosis and treatment of metabolic diseases
9. Other disease and disorders
10. Fertility management
11. Diagnoses ve separation of animals to treatment pen automatically
12. Concentrate feeder according to milk yield
13. Animal welfare
14. Demonstration of an effective herd management system on a real herd case

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F FERTILITY

1. Importance of fertility
2. Requirements for success of fertility

G GENETIC IMPROVEMENT IN CATTLE BREEDING

1. Breeding principles
2. Determining the requirements for a farm
3. Planning
4. Implementation

H VETERINARY ISSUES

I- SELECTION OF PLACE FOR ANIMAL HUSBANDRY ESTABLISHMENT AND MODELS OF A CORRECT LAY-OUT

J - IMPORTANT POINTS IN INVESTMENT PLANNING AND PROJECT MANAGEMENT

Work Packages and Planning		
	Feed Production and Field Work	
		Production and purchase of forage feed
		Contractual production models
	Feed Preparation and Feeding	
		Digestive system principles
		Feed preparation equipment
		Feeding techniques
	Milking	
		Milk Formation
		Milking Technique
		Quality Traits in Milk
	Herd Management	
		Herd Planning and Breeding
		Fertility Yield
		Milk Yield
		Herd Health
		Animal Welfare
		Calf Care
	Manure Management and Shelters	
		Work Flow, Design and Mechanization
Work Efficiency		
	Infrastructure and technology selection	
Profitability Analysis		
	How to determine the economic life of the farm	
	Dairy Cattle Management Goals	
		Animal Welfare
		Productivity
		Profitability
		Energy Efficiency
	Operating Income	
	Operating Expenses	

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