

DAIRY CATTLE BREEDS

(Level 1)

Topic	Training & information Content
5.1	Dairy Cattle Breeds and Breeding
5.2	Breeding program for a dairy farm (medium & large)
5.3	Conformation, Type classification and judging
5.4	Cow handling
5.5	Milk production recording
5.6	Heat Detection
5.7	Artificial Insemination
5.8	Pregnancy Diagnosis
5.9	Fertility Management
5.10	Cows with abnormal discharge
5.11	Fertility disease recording
5.12	Calving recording
5.13	Use of Key Performance Indicators



1. You will learn about (learning objectives):

- ❑ How to recognize the differences between the dairy breeds
- ❑ The quality's and the shortcomings of different dairy breeds when being kept under tropical conditions



2. Background

- Throughout the world there are many different dairy breeds available, and every breed has its own qualities and shortcomings
- Environment is the most important reason why not every breed performs successfully
- Within the breeds there is also a 'relative' big difference in their genetic potentials



3. Holstein

- The qualities

High milk production



Nice well shaped udders, with 'short' teats

++++
(Qualities)



550 Kg

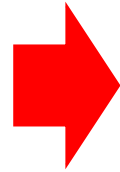


3.1 Holstein Cont'd...

- The shortcomings



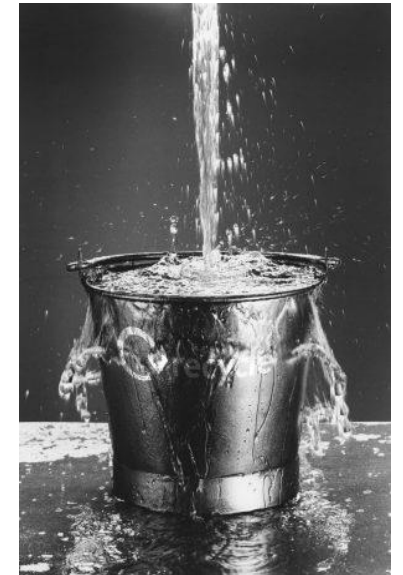
550 Kg



(Shortcomings)



Very sensitive to tick borne diseases



High demand for high quality feeds and water

4. Ayrshire

- The qualities



Produce ideal 'drinking milk'

++++
(Qualities)



450 Kg



4.1 Ayrshire Cont'd...

- The shortcomings

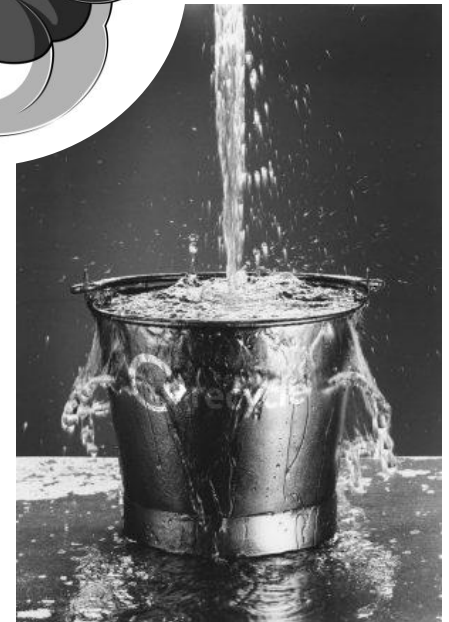


450 Kg



(Shortcomings)

Produce milk of lower butter fat



5. Guernsey

- The qualities



Minimum calving complications



Higher butter fat milk



High feed efficiency (less feed per kg of milk)

++++
(Qualities)



400 Kg



5.1 Guernsey Cont'd...

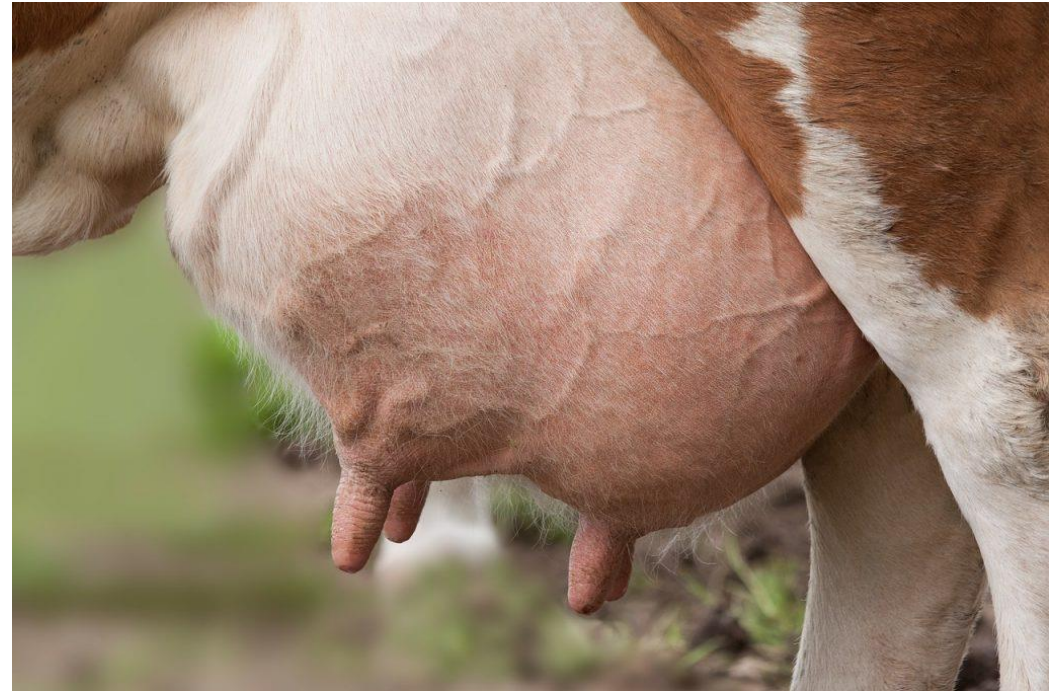
- The shortcomings



550 Kg



(Shortcomings)



6. Jersey

- The qualities



Higher butter fat milk

High feed efficiency (less feed per kg of milk)

++++
(Qualities)



350 Kg

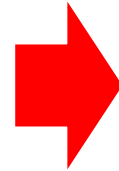


6.1 Jersey Cont'd...

- The shortcomings



350 Kg



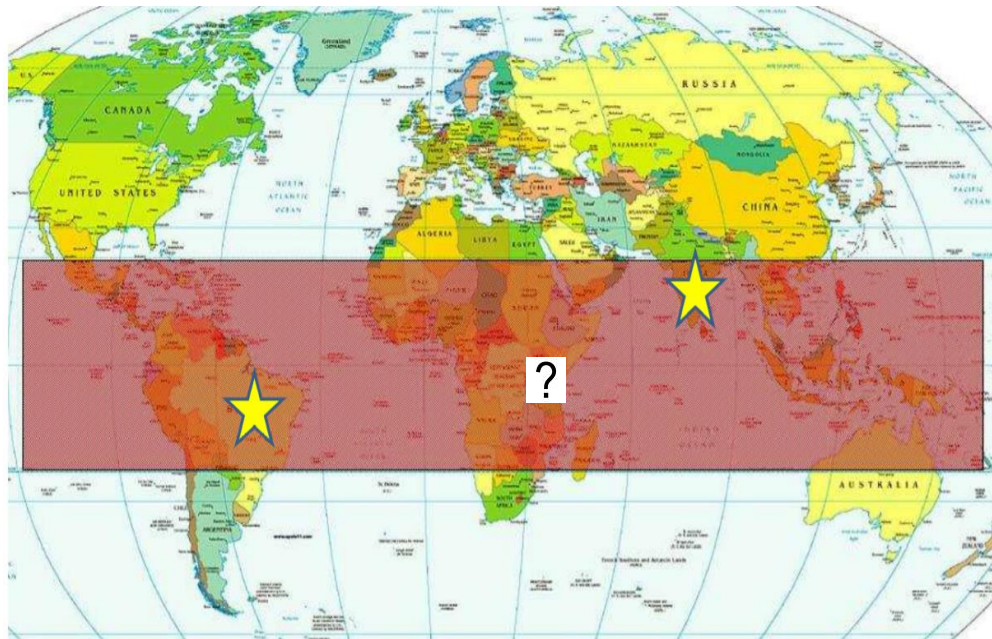
(Shortcomings)



Older cows are sensitive to Hypocalcaemia

7. Girolando

- The qualities



++++
(Qualities)



450 Kg



Watch: <https://www.youtube.com/watch?v=orWdGs4vQ7Q>

Girolando's in Uganda

7.1 Girolando Cont'd...

- The shortcomings



450 Kg



(Shortcomings)



Calves must be nearby to activate milk let down

8.1 Summary Cont'd: Video



https://www.youtube.com/watch?v=wglLhF5Lnko

1. HOLSTEIN

Top 10 Dairy Cattle Breeds in the World | In terms of Sales Revenue in US Dollar per Cow
150,808 views · Aug 29, 2020

Profitable Agribusiness Ideas
14.1K subscribers

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<https://www.youtube.com/watch?v=wglLhF5Lnko>

Ten popular dairy cattle breeds



https://www.youtube.com/watch?v=oJy_NMN7eZs

Gir

All 400 Cattle Breeds | Showing all Cow breeds in the World A to Z
50,717 views · Aug 22, 2019

smartonlineplayer
43.2K subscribers

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Interesting? Now watch 400 different cattle breeds from all over the world

Watch:

https://www.youtube.com/watch?v=oJy_NMN7eZs

- END -