

THE CHAMBER OF AGRICULTURE OF THE REPUBLIC OF LITHUANIA



Žemės ūkio rūmai - Jūsų sėkmės raktas!

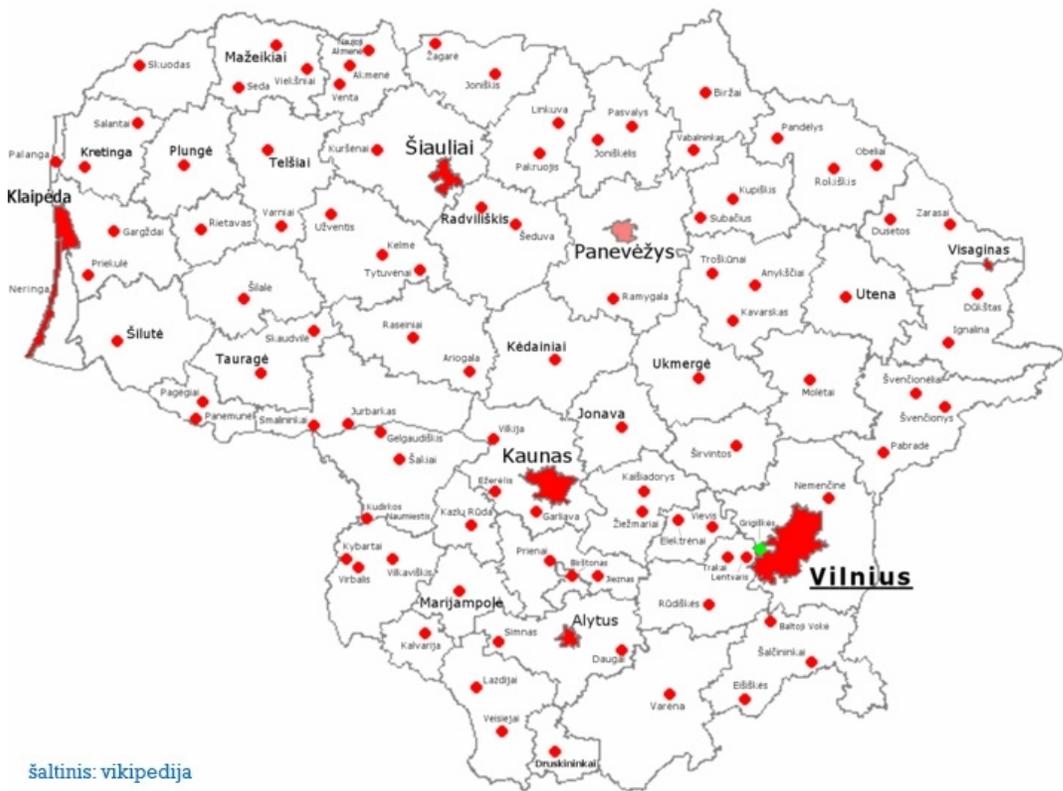


REDUCING GREENHOUSE GASES IN DAIRY CATTLE FARMING THROUGH INNOVATIVE TECHNOLOGIES FOR HERD MANAGEMENT, GENETIC IMPROVEMENT AND FEEDING

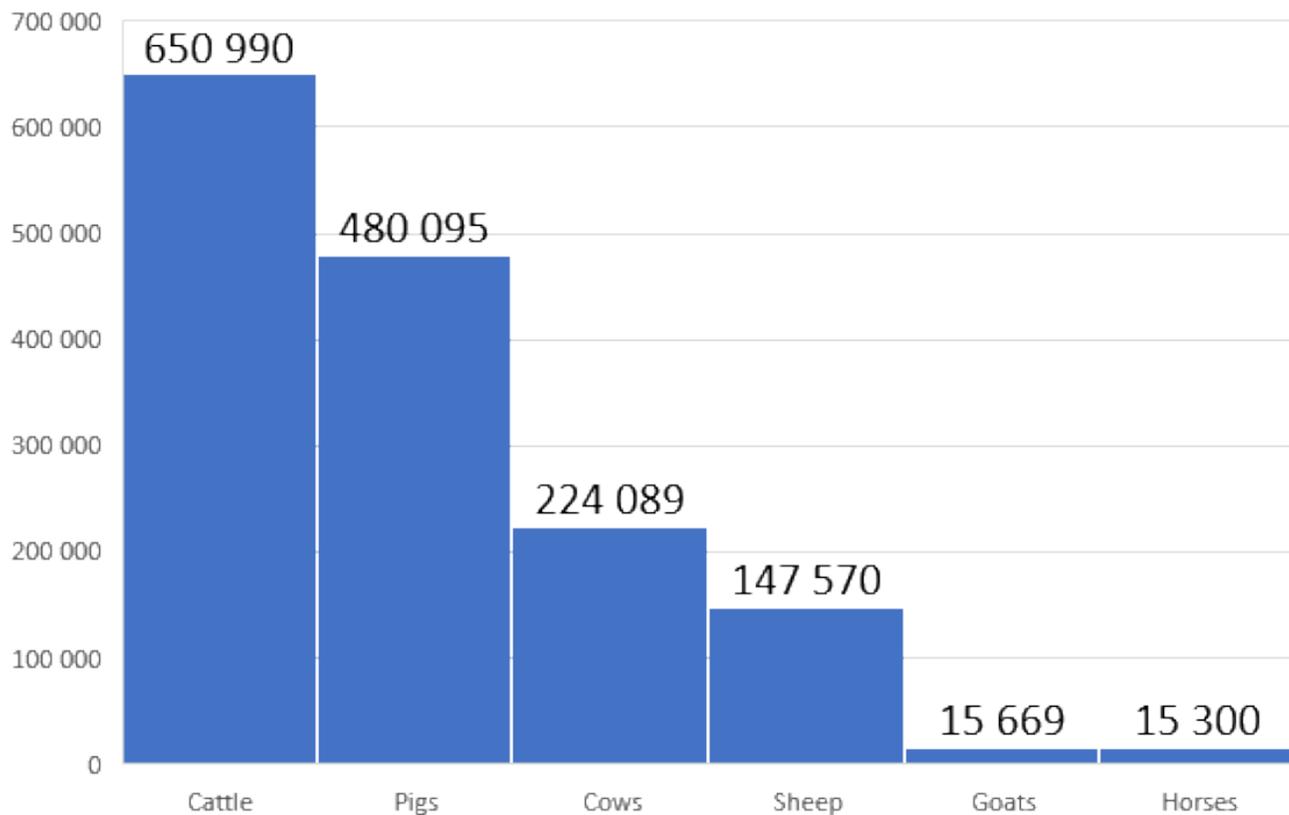
Doc., E. Gedgaudas, Lithuanian Cattle Breeders Association, University of Applied Sciences and Chamber of Agriculture of the Republic of Lithuania

Doc. A. Svitojus, Farmer, Chamber of Agriculture of the Republic of
Lithuania

OVERVIEW OF LITHUANIAN OF 65,300 KM² COUNTRY...



šaltinis: vikipedija

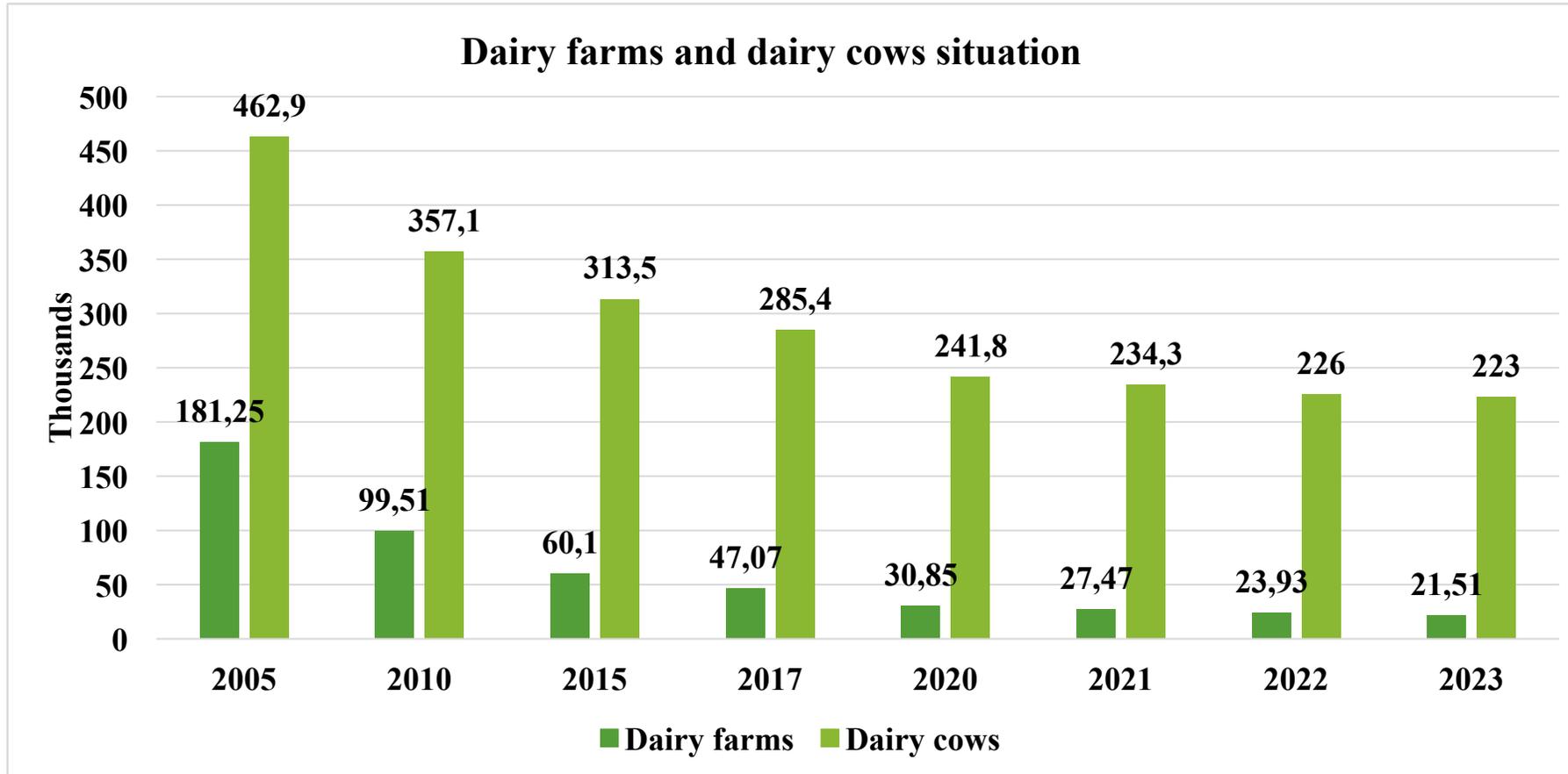


GREENHOUSE IN LITHUANIA



Figa fruit in Lithuania now!!

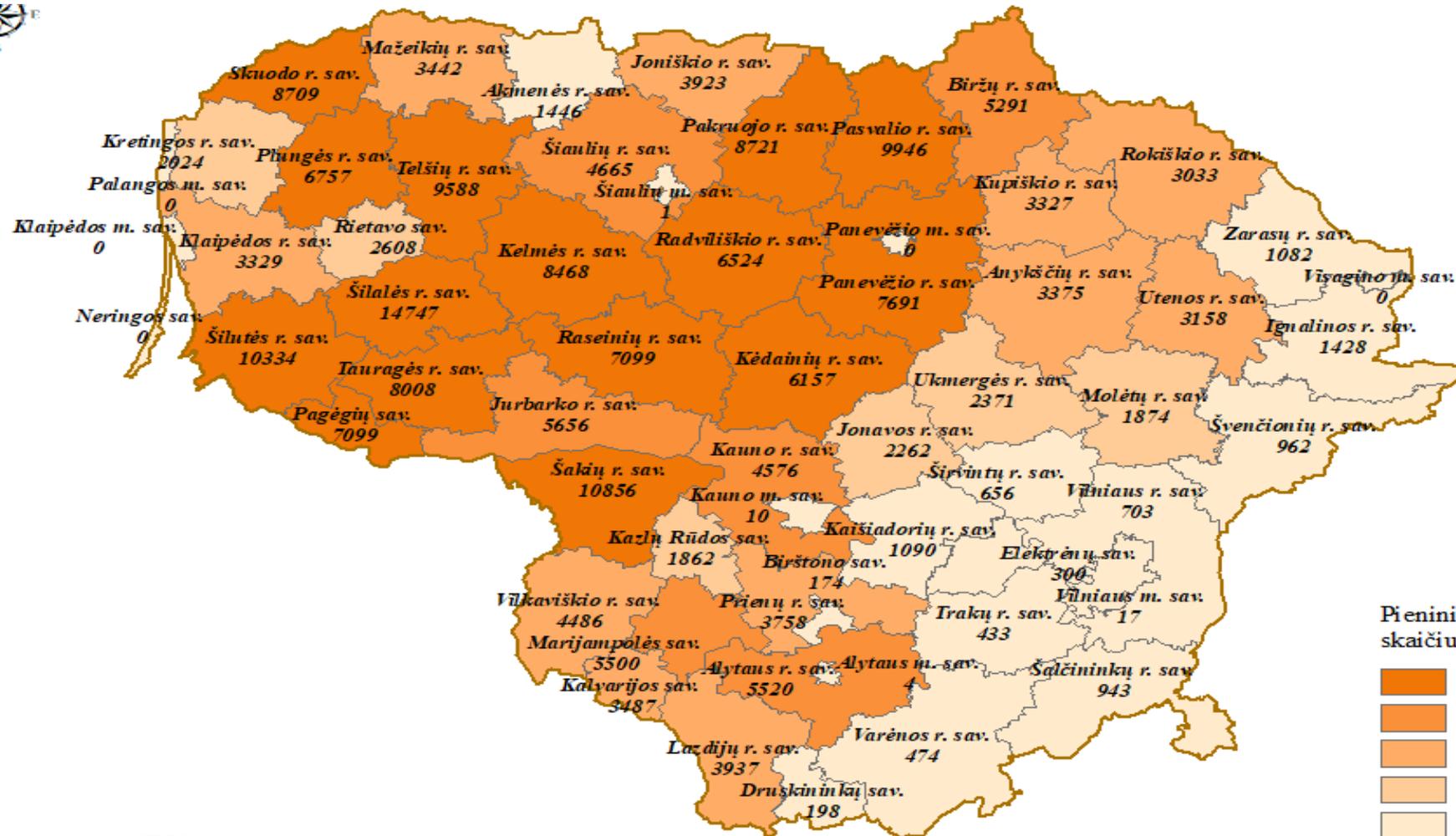
DAIRY FARMS AND DAIRY COWS SITUATION BY YEARS



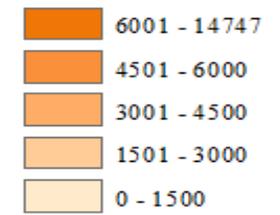
In 1991 we
have about
one million
cows!

DAIRY COWS CONCENTRATION BY STATES

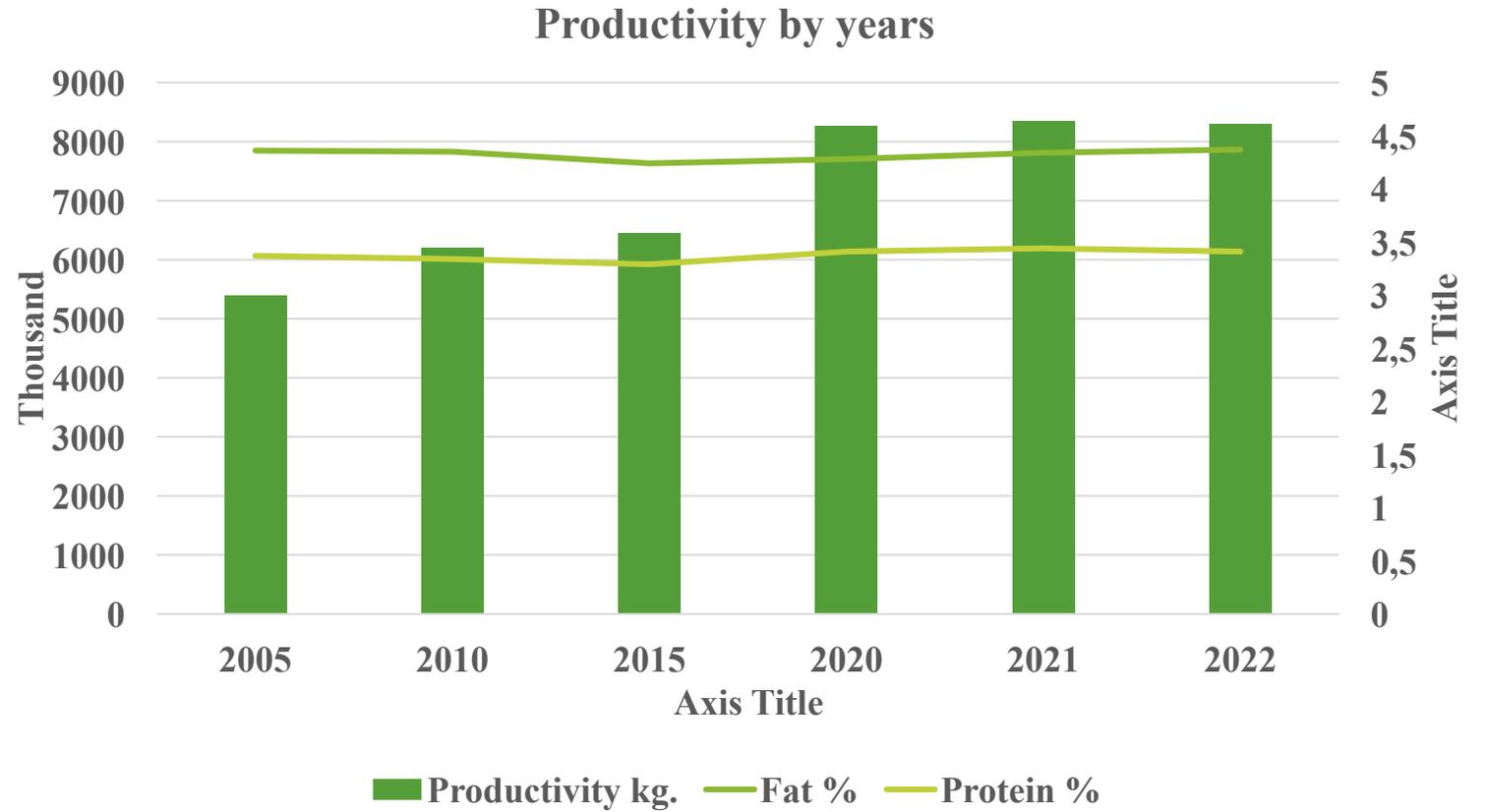
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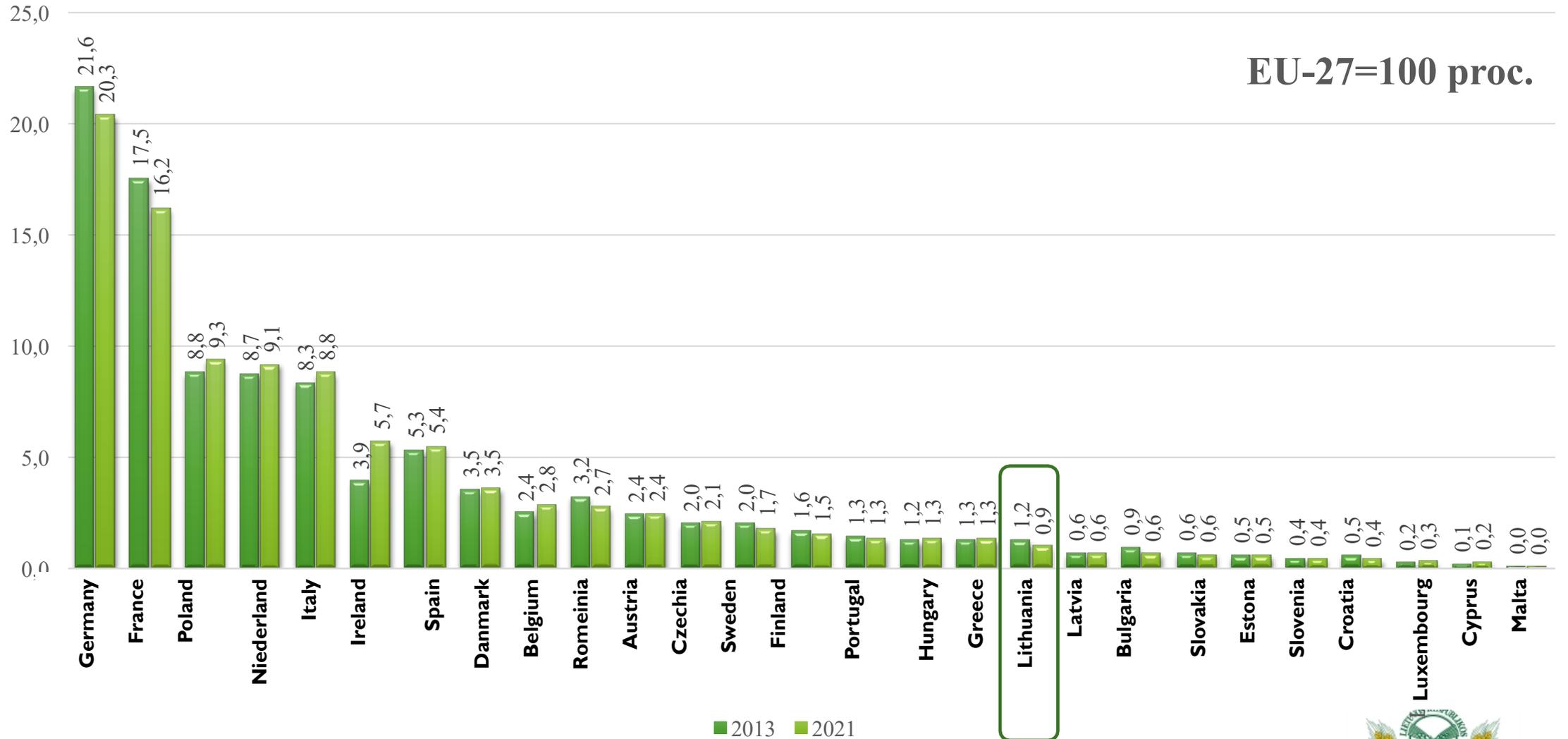
Pieninių veislių karvių skaičius, vnt.



DAIRY COWS PRODUCTIVITY BY YEARS



MILK PRODUCTION IN EU IN 2013-2023



MILK KG VS BEER L IN 2018

Per year in 2018



INNOVATIVE TECHNOLOGIES

A2A2 Milk Genomic test in dairy



INNOVATIVE TECHNOLOGIES

Cowmanager:

- Fertility
- Feeding
- Health

Insemination window

10 to 22 hours after onset of heat alert¹
and/or
4 to 16 hours after onset of standing heat (After max heat level)²

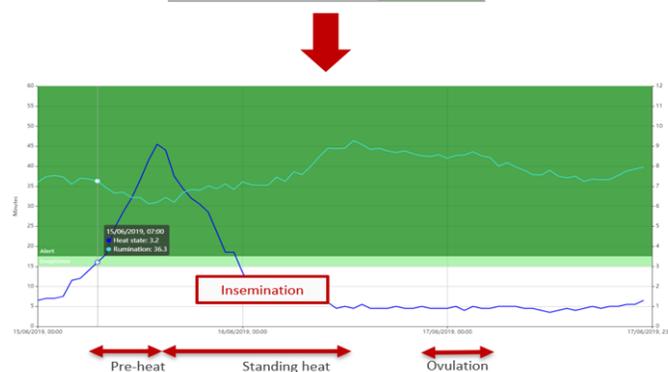
- Remarks**
- When using sexed semen, the insemination window would be delayed (Approximately 4 to 6 hours)³.
 - The duration of a heat and the onset of a heat are dependent of different factors, like environment, season, breed, age, nutrition and health.

¹ Stevenson, et al., J Dairy Sci. 2014; 97:4296-4308.
² Dransfield, et al., J. Dairy Sci 1998; 81:1874-1882.
³ Heber, Dairy Vet Sci J 2018; 5: 1-5.

Agria CowManager © 2018

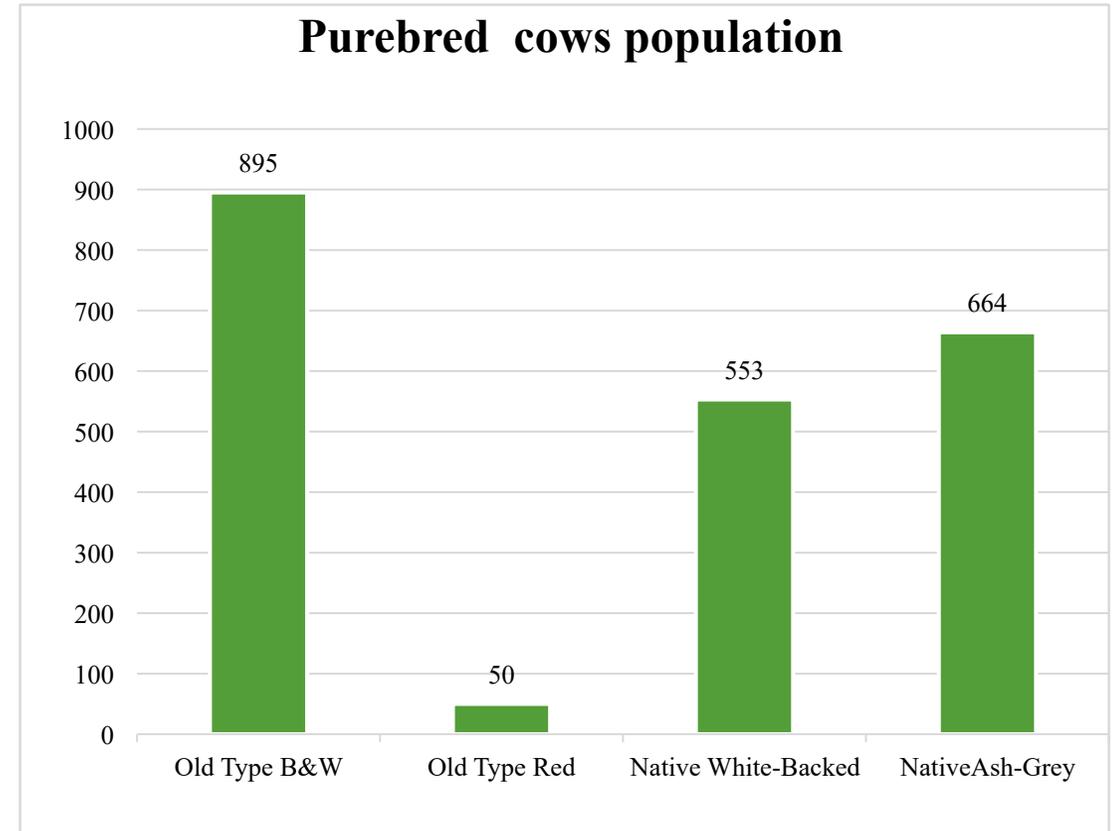
No rights may be derived from this information. The insemination window may differ by different factors.

Fertility Insights	In heat state
Cycling	8.8 11h:23g



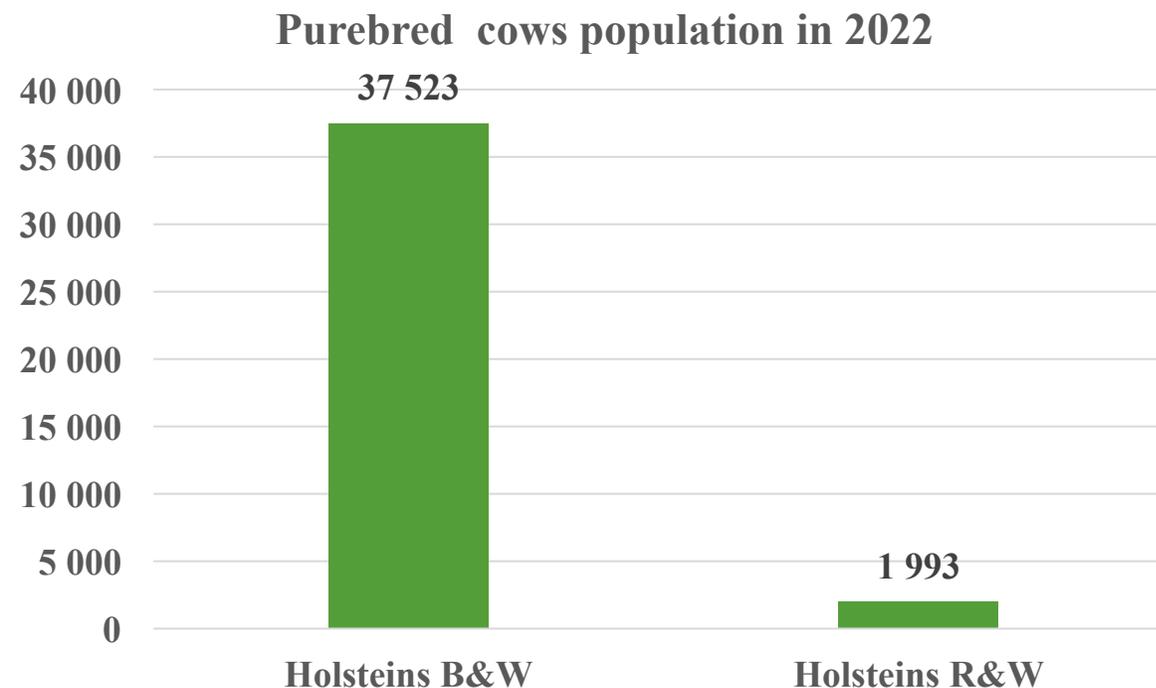
BREEDING SITUATION IN LITHUANIA

- 1 herd book for old type of Lithuanian Black and White breed
- 1 herd book for old type of Lithuanian Red breed
- 1 herd book for old type of Native White-Backed breed
- 1 herd book for old type of Native Ash-Grey breed



BREEDING SITUATION WITH HOLSTEINS IN LITHUANIA

- 3 herd books associations for Holsteins breed
- 2 herd books associations for Red Holsteins breed





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