



Estonia – overview about AnGR

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NC-Estonia

ERFP Assembly
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FACTS ABOUT ESTONIA



- Area: 45.339 km²
- 50% of which is forest
- 22% swamps and bogs
- 2222 islands and islets
- Coastline – 3,794 km
- Capital City: Tallinn
- Highest point – 318 m
- Population: 1,311 million
- Language: Estonian
- On July 1 2017, Estonia took over the Presidency of the Council of the EU
- In 2018, the Republic of Estonia will be 100 years old



AGRICULTURE IN ESTONIA

- About 1.5 million hectares are used as agricultural land (32% of all area with 25% being arable land and 7% being natural grassland).
- The size of agricultural land per capita is 0.8 ha.
- 15% of agricultural land in Estonia is organic.
- Estonia ranks first in the European Union in agricultural land per person – three quarters of a hectare per person.
- Estonian agricultural exports have grown almost fivefold over the past ten years
- Estonian agriculture is characterised by the concentration of production into large holdings.
- The average size of an agricultural holding is about 50 hectares
- Agricultural holdings specialise in three types of production:
farms engaged in crop production, dairy farming and mixed production (crop and livestock production).



APPROVED BREEDING ORGANISATIONS

Cattle

- Animal Breeders' Association of Estonia*
- Estonian Native Cattle Breed Society*
- Estonian Farm Animals Recording JSC

Pigs

- Estonian Pig Breeding Association

Sheep

- Estonian Sheep Breeders Association*
- Estonian Pedigree Sheep Breeding Society (2014)
- Kihnu Native Sheep Breeders Society (2015)

*Form Estonian Animal Breeder's Association



APPROVED BREEDING ORGANISATIONS

Poultry

- Estonian Poultry Society*
- Estonian Quail

Horses

- Estonian Horse Breeders Society*
- Estonian Sporthorse Breeders' Society
- Estonian Trotting Association
- Akhal-Teke Association of Estonia
- The Old-Tori Horse Society (2012)
- The Estonian Native Horse Breeders Society (2015)
- Estonian Native Horse Conservation Society

BREEDS IN ESTONIA

Beef cattle

Aberdeen Angus
Blonde Aquitaine
Hereford
Limousine
Simmental
Piedmontese
Belgian Blue
Charolais
Scottish Highland cattle
Galloway
Aubrac
Dexter
Shorthorn
Tyrolean Grey
Salers
Wagyu



Dairy cattle

ESTONIAN HOLSTEIN
ESTONIAN RED
ESTONIAN NATIVE
CATTLE



BREEDS IN ESTONIA

Sheep

ESTONIAN WHITEHEAD

ESTONIAN BLACKHEAD

KIHNU NATIVE SHEEP



Goat

ESTONIAN LOCAL GOAT



Pig

ESTONIAN LANDRACE

ESTONIAN LARGE WHITE

Hampshire

Pietrain

Djuroc



BREEDS IN ESTONIA

Horse

TORI HORSE

ESTONIAN NATIVE HORSE

ESTONIAN HEAVY DRAUGHT

Trakehner

Estonian Sporthorse

Trotters

Akhal-Teke

Quail

ESTONIAN QUAIL





ENDANGERED BREEDS

- Estonian Native cattle
- Estonian Native horse
- Estonian Heavy Draught horse
- Tori horse
 - universal type
 - Old-Tori type
- Estonian quail



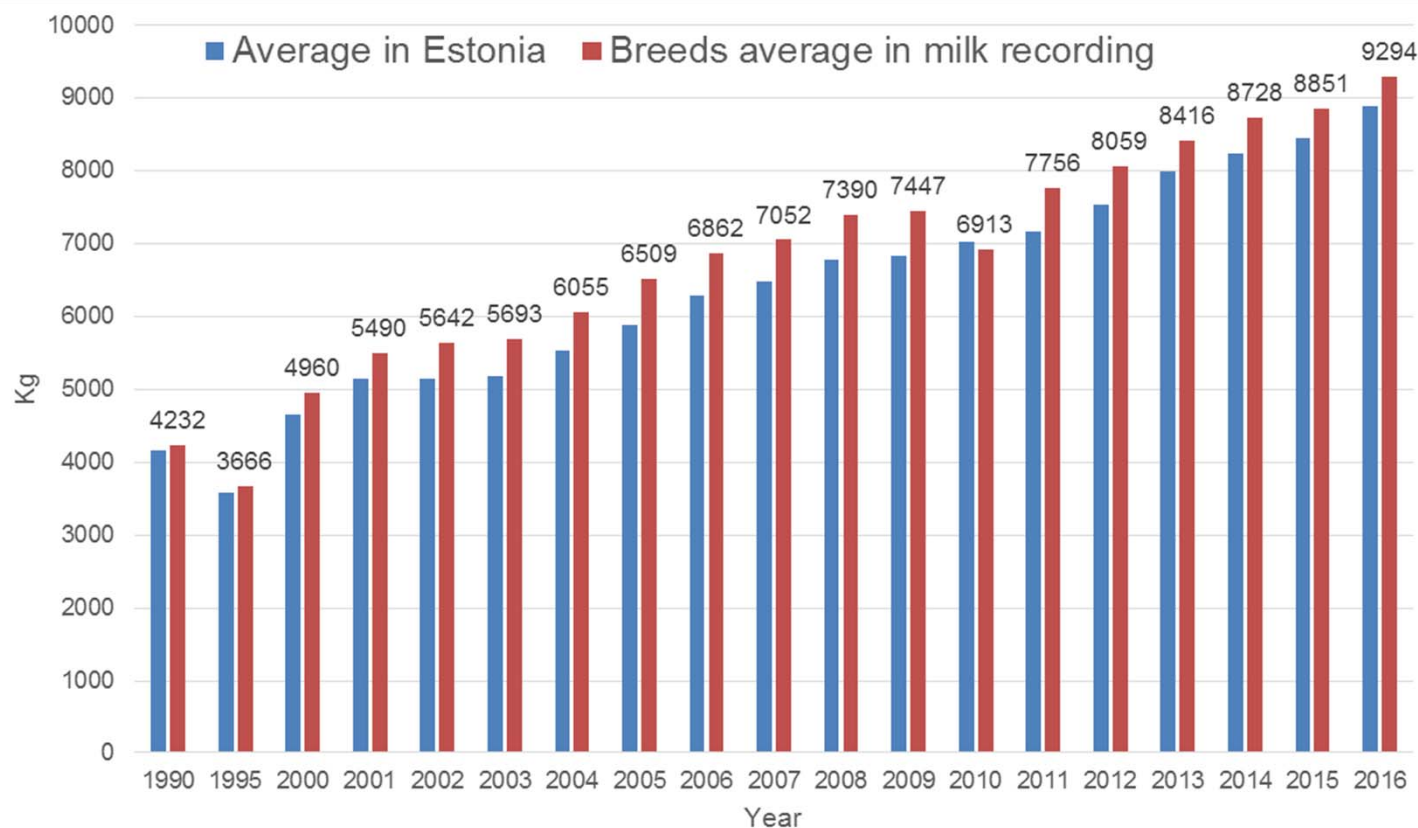
DAIRY FARMING

- Main source of income for agricultural holdings
- 95.3% of cows are in milk recording
- Average productivity of cows in milk recording in 2016:
 - 9294 kg milk
 - 4.00% fat
 - 3.36% protein

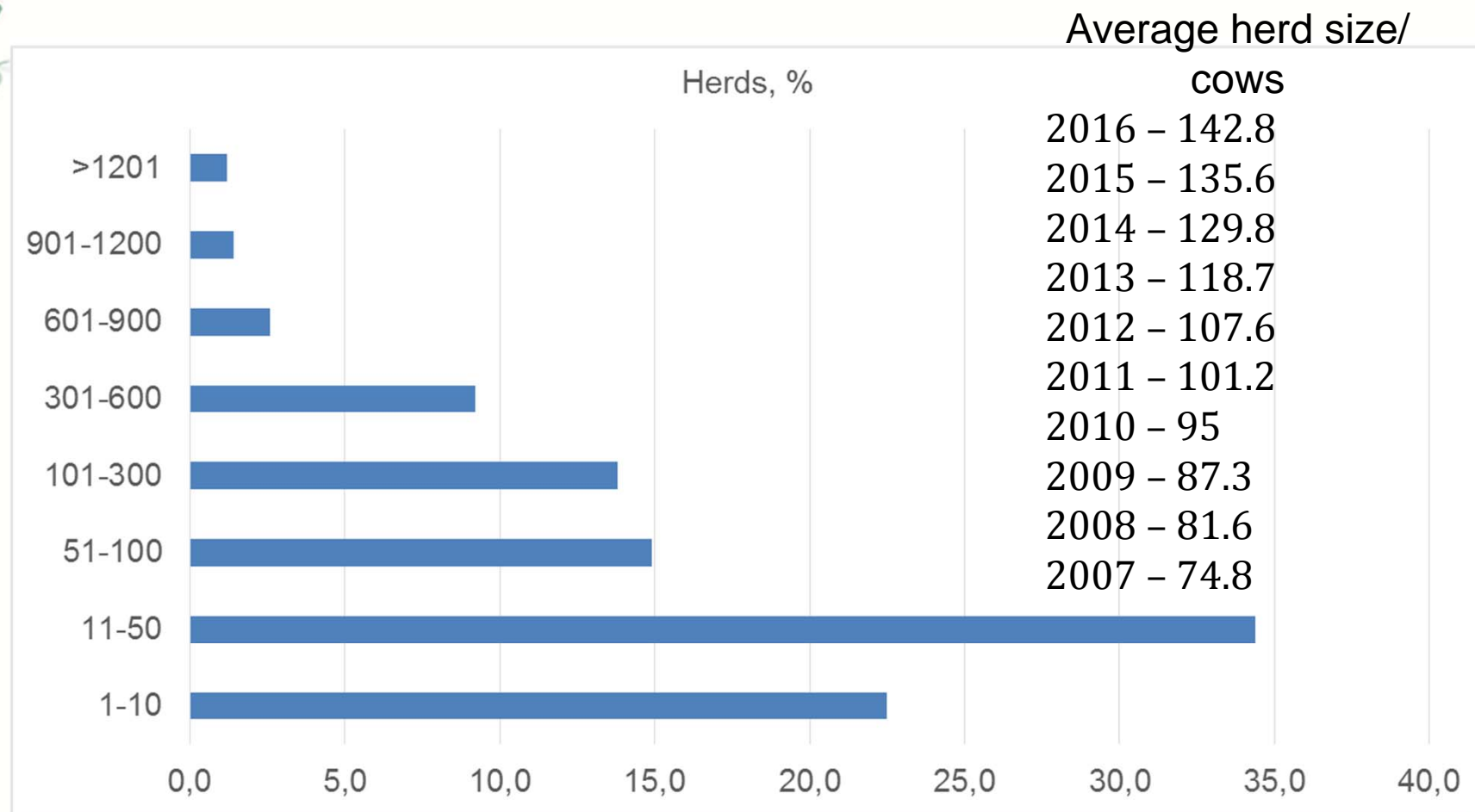
Average productivity of dairy breeds in milk recording:

- 9561 – 3.97 – 3.34 Estonian Holstein
 - 8391 – 4.13 – 3.43 Estonian Red
 - 4824 – 4.55 – 3.41 Estonian Native
- At least 65% of all dairy cows are housed in new or reconstructed farms

MILK PRODUCTIVITY

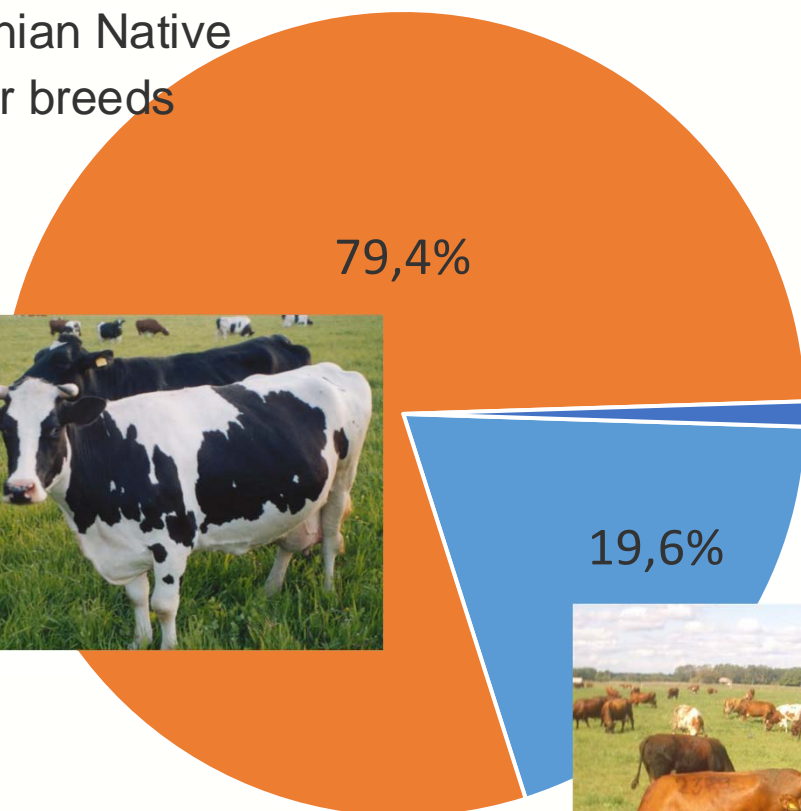


SIZE OF HERDS IN MILK RECORDING IN 2016

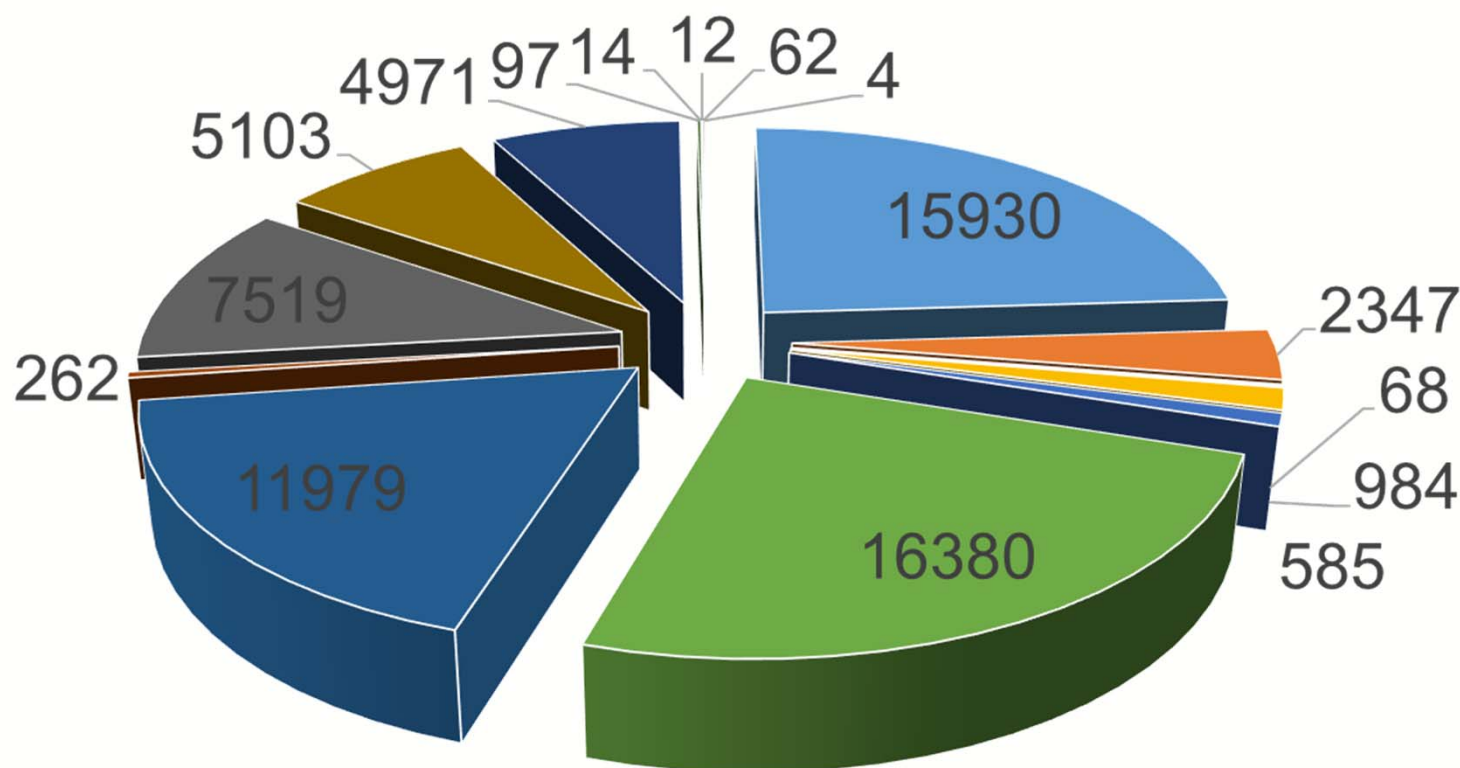


DAIRY BREEDS

- Estonian Red
- Estonian Holstein
- Estonian Native
- Other breeds



BEEF CATTLE BY BREEDS IN ESTONIA



■ Ab ■ Ba ■ Au ■ Bb ■ Ga ■ Hf ■ Li ■ Pi
 ■ Ga ■ Ch ■ Hc ■ De ■ Sh ■ Sa ■ Tg ■ wa

01.01.2013 – 50977

01.01.2014 – 58903 (+7926)

01.01.2015 – 63747 (+4844)

01.01.2016 – 66317 (+2570)

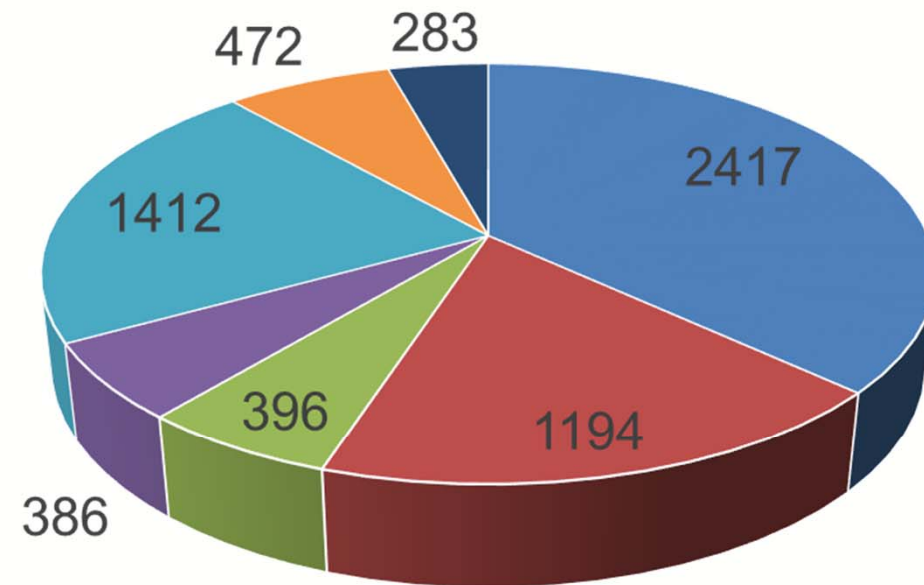
01.01.2017 – 69990 (+3673)

Source: Estonian Agricultural Registers and Information Board

HORSES

IN THE REGISTRY

Year	'000
1985	10.7
1990	8.6
1995	4.6
2000	4.2
2005	4.8
2010	6.8
2016	10.7



- Estonian Native
- Estonian Heavy Draught
- Estonian Sporthorse
- Others
- Tori
- Trakhener
- Sport Pony

CHANGES IN THE LIVESTOCK POPULATIONS (‘000, END OF YEAR)

Year	Cattle	.. .cows	Pigs	Sheep and goats	Poultry
1985	840.2	302.7	1073.6	147.7	6911.5
1990	757.8	280.7	859.9	139.8	6536.5
1995	370.4	185.4	448.8	49.8	2911.3
2000	252.8	131.0	300.2	32.2	2366.4
2005	249.5	112.8	346.5	52.4	1878.7
2010	236.3	96.5	371.7	82.7	2046.4
2011	238.3	96.2	365.7	88.2	2032.9
2012	246.0	96.8	375.1	81.4	2170.9
2013	261.4	97.9	358.7	86.8	2139.2
2014	264.7	95.6	357.9	89.8	2339.6
2015	256.2	90.6	304.5	90.9	2161.8
2016	248.2	86.1	265.9	90.6	2112.0

Source: Statistics Estonia

MEAT PRODUCTION (‘000 t, SLAUGHTER WEIGHT)

Year	Meat total	Beef	Pork	Lamb and goat meat	Poultry meat
1985	183.2	61.3	98.2	3.1	20.2
1990	182.5	63.0	95.1	2.5	21.6
1995	67.7	25.8	35.4	0.8	5.6
2000	53.3	15.4	30.3	0.3	7.3
2005	67.1	13.4	39.5	0.3	13.8
2010	75.4	12.9	45.8	0.7	16.0
2011	80.6	12.2	50.2	0.6	17.5
2012	78.4	12.3	48.8	0.7	16.5
2013	79.8	11.5	49.5	0.7	18.1
2014	80.7	11.9	48.7	0.6	19.5
2015	85.6	15.0	50.1	0.7	19.8
2016	77.9	14.8	42.7	0.7	19.7

Source: Statistics Estonia

CONSERVATION

Conservation of Estonian origin breeds

In-situ conservation

- Conservation programmes

Ex-situ conservation

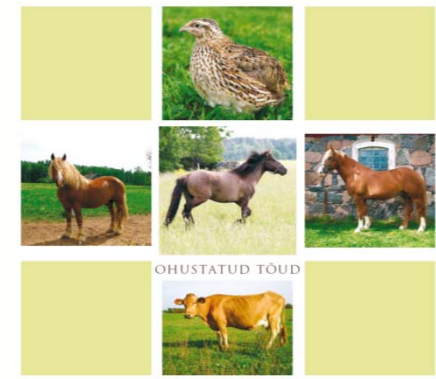
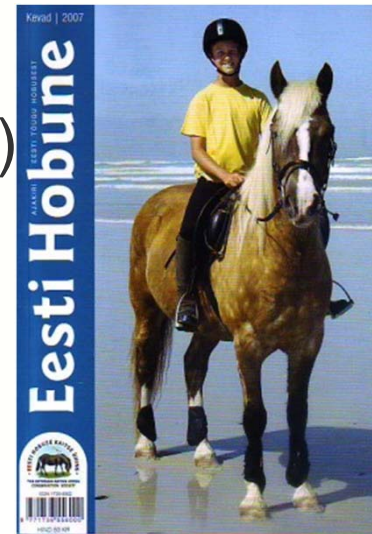
- Embryos and semen of Estonian Native Cattle
- Only the experimental quantities of endangered horse breeds stallions semen has been collected
- DNA samples (cattle, horses, sheep)
- No national programme on cryopreservation



Routine evaluation of the implementation of the breed's conservation programs

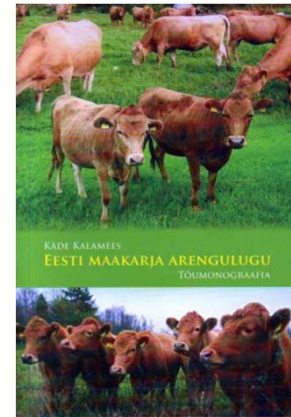
RAISING OF PUBLIC AWARENESS

- Brochure of endangered breeds in Estonia (EE and Eng)
- Films about Estonian Native cattle and Estonian horse breeds, resp.
- Special issues of Estonian Native horse were released in the journal „Oma Hobu/ Our Own Horse“
- Journal “Tõuloomakasvatus/ Animal Breeding”
- Journal „Oma Hobu/ Our Own Horse“ up to 2015



RAISING OF PUBLIC AWARENESS

- The breed monograph “History of Estonian Native cattle”
- The breed monograph “Breeding of Estonian Red cattle”
- Video „130 years of pedigree breeding in Estonia“ released in 2016
- Postage stamps
 - 150 years of Tori Horse Stud
 - Estonian Native Cattle



Biggest
pedigree
animal's
show

Traditionally
1st Saturday
in September

This year 26th
pedigree
animal show



TARTU SÜGISNÄITUS & TÕULOOM 2017

2. SEPTEMBRIL 2017 KELL 10–19 EESTI PÕLLUMAJANDUSMUSEUMIS

MEELEPÄRAST IGAÜHELE!

10–19 SÜGISLAAT
AREENIL:
10.00 Kontsert „Kaunimate Aastate Vennaskond“
11.30 **TÕULOOM 2017** pidulik avamine
12–16 Parimate tõuloomade tutvustus
Lambad, kitsed, linnud, karusloomad, eesti maakarja konkurss, eesti punast ja eesti holsteini tõugu veised ning VISSID, lihavedel ja hobused
Mustkunstnik Richard Samarüütel
Käsitsilüpsivõistlus
Publiku lemmiku valimine

17.30 Ansambel SMILERS
11.00 Prof Harald Tikk – raamatu „Eesti vutikasvatuse ja eesti vutitõu aretuse ajalugu“ esitlus
11–16 Koerte demonstratsioonesinemine
13–14 Hobuste tutvustamine
Poni- ja hobusõit

EESTI TOIT:
Piim Päeva Pärl telgis või valmistamise õpituba
Sojapiima ja tofu valmistamine • Sojataimede tutvustamine • Muuseumide kokakool

Päeva juhivad Olev Saveli ja Madis Ligi

www.epm.ee

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piim Päeva pärl
või valmistamise õpituba

SMILERS
KAUNIMATE AASTATE VENNASKOND
SÜGISLAAT

TÄNAME: Eesti Kultuurkapitali Tartumaa ekspertgrupp, Eesti Põllumajandus-Kaubanduskoda

TÖÖTOAD:
• Puusculptuuride valmistamine
• Puu- ja sepatöö
• Mööbli restaureerimise nõuanded jpm

LASTELE:
Laulu- ja rahvamängud
Loomekonkurss „Minu lemmik koduloom“ – joonistame koduloomi
16.00 Viljandi Laste- ja Noorteteater REKY etendus „Kunksmoor ja kapten Trumm“

UUED NÄITUSED
12.30 Meelis Kihulane – painutatud kerega esemetest näituse „Vaka all“ avamine
• Klaasikunstnik Tiina Sarapu näitus „Pikk põld“
• Euroopa maaelu arengu võrgustiku fotonäitus „Pagulaste ja immigrantide integratsioon Euroopa Liidus“
• „Turteltuvi – aastalind“

LISAKS:
Massaž, seljavenitus, füsioterapeudi nõuanded

Laadale registreerimine 29. augustini
tel 738 3822, 5855 6644
Lisainfo: tel 5345 8055

Pargi 4, 61714, Ülenurme, Tartumaa
KAASA AITAVAD: C.R. Jakobsoni talumuuseum, Eesti Põllumajandusmuuseum, Lõuna Eesti koerte keskus, Eesti Rahvapäraste Kool, Eesti Sojalit, Dorpat SPA & Tartu Tervisekliinik