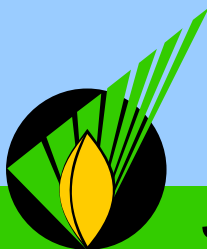


Suvinisu saagi ja kvaliteedi erinevus mahe- ja tavakatses

Anne Ingver

77 66 908

Anne.Ingver@jpbi.ee



Jõgeva Sordiaretuse Instituut

**MAHEKATSE
2005-2006
võrdlus
tavaviljeluse katsega**



Jõgeva Sordiaretuse Instituut

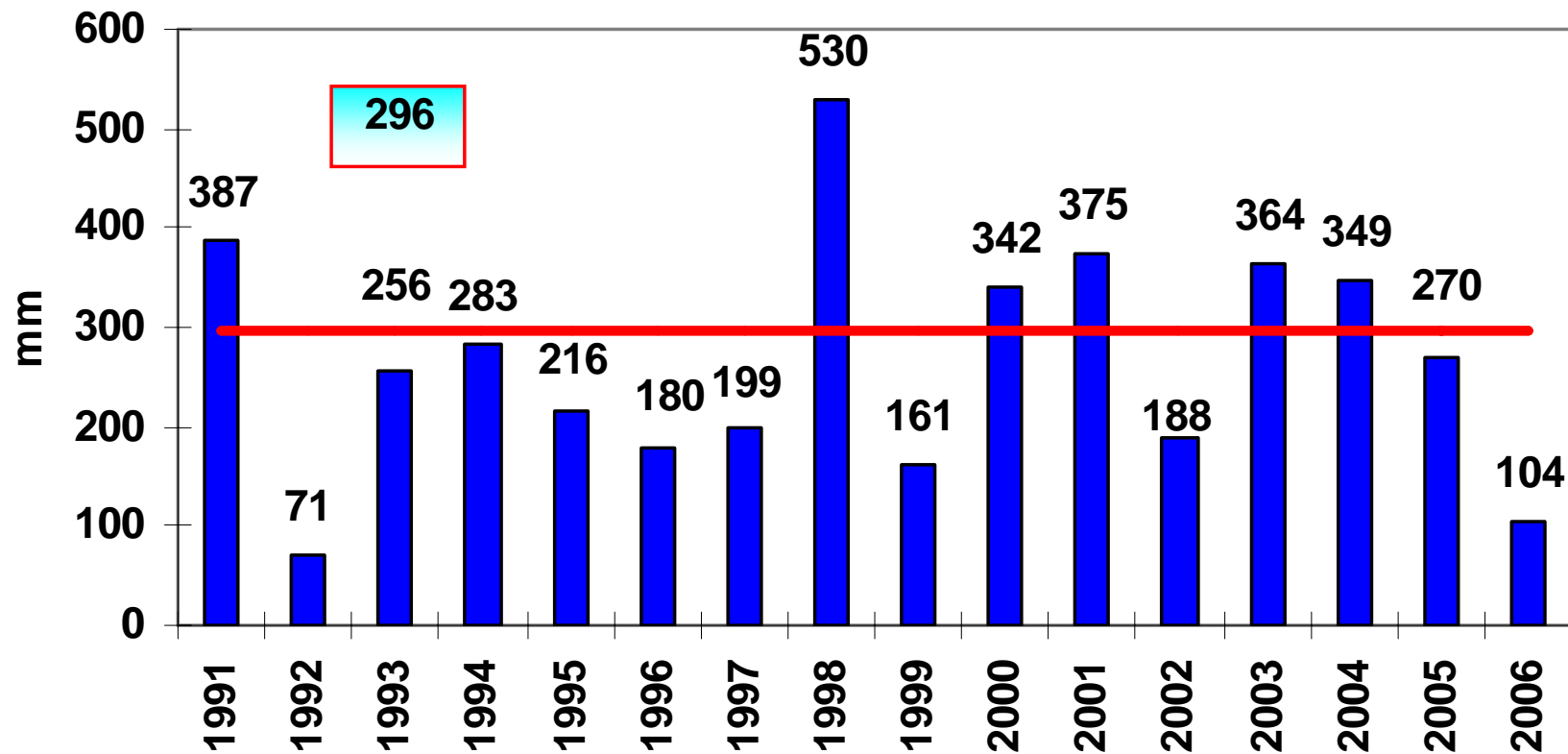
Katse tingimused 2005 ja 2006

MAHE: 0 väetist
0 keemilist tõrjevõtet
600 id.tera/m²

TAVA: N₉₀P₂₀K₃₈ (Kemira Power 18)
Puhtimine
Keemiline umbrohutõrje
Keemiline kahjuritõrje
13 nisusorti (sordileht)

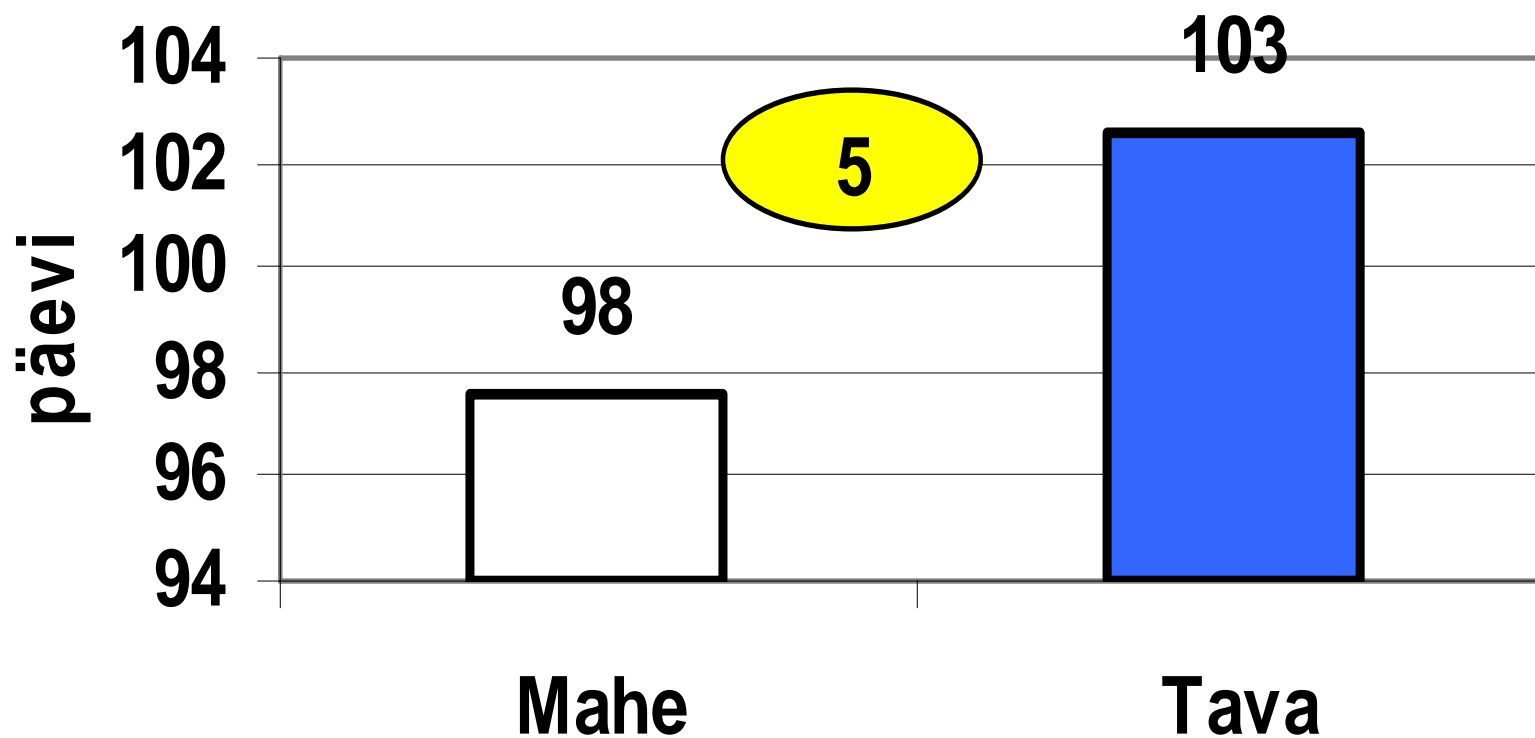


Sademed,mm, 1991-2006



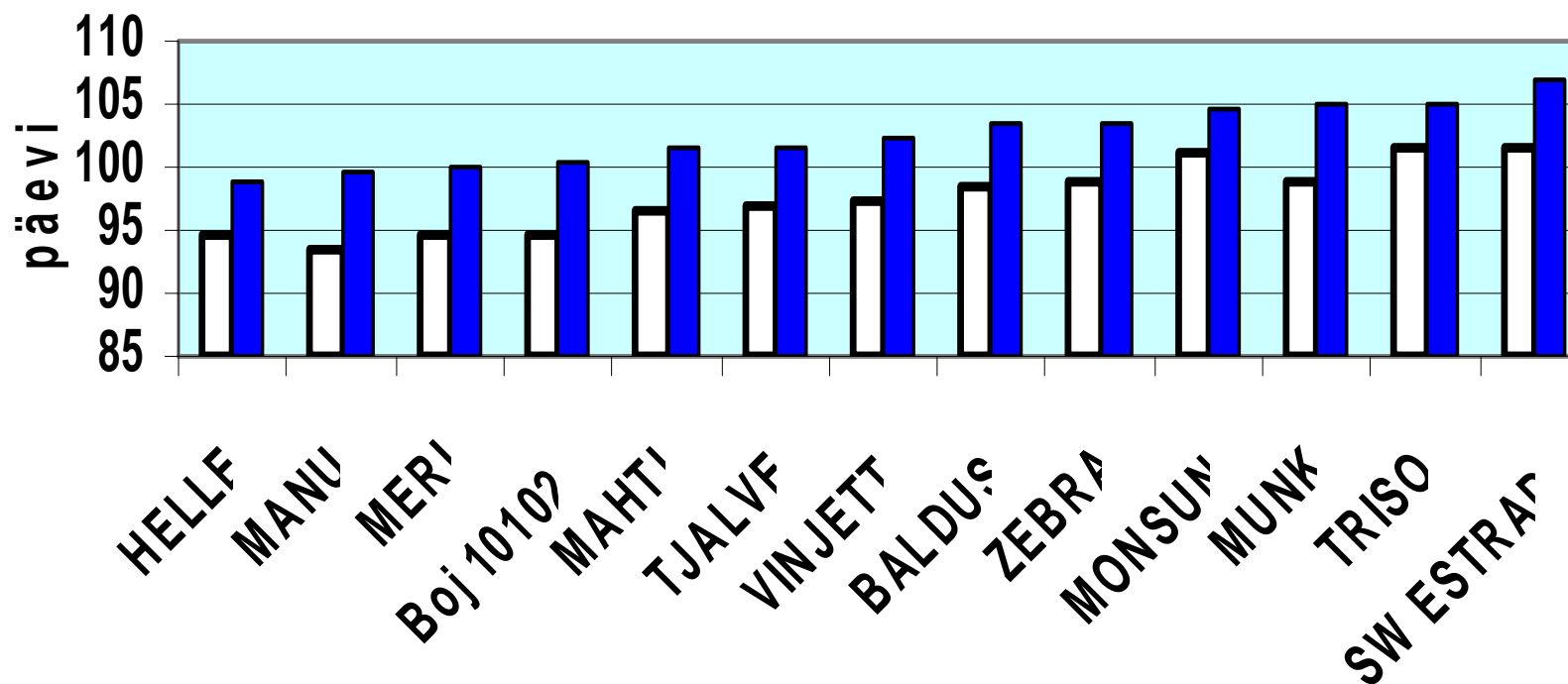
Jõgeva Sordiaretuse Instituut

Kasvuaeg, päevi



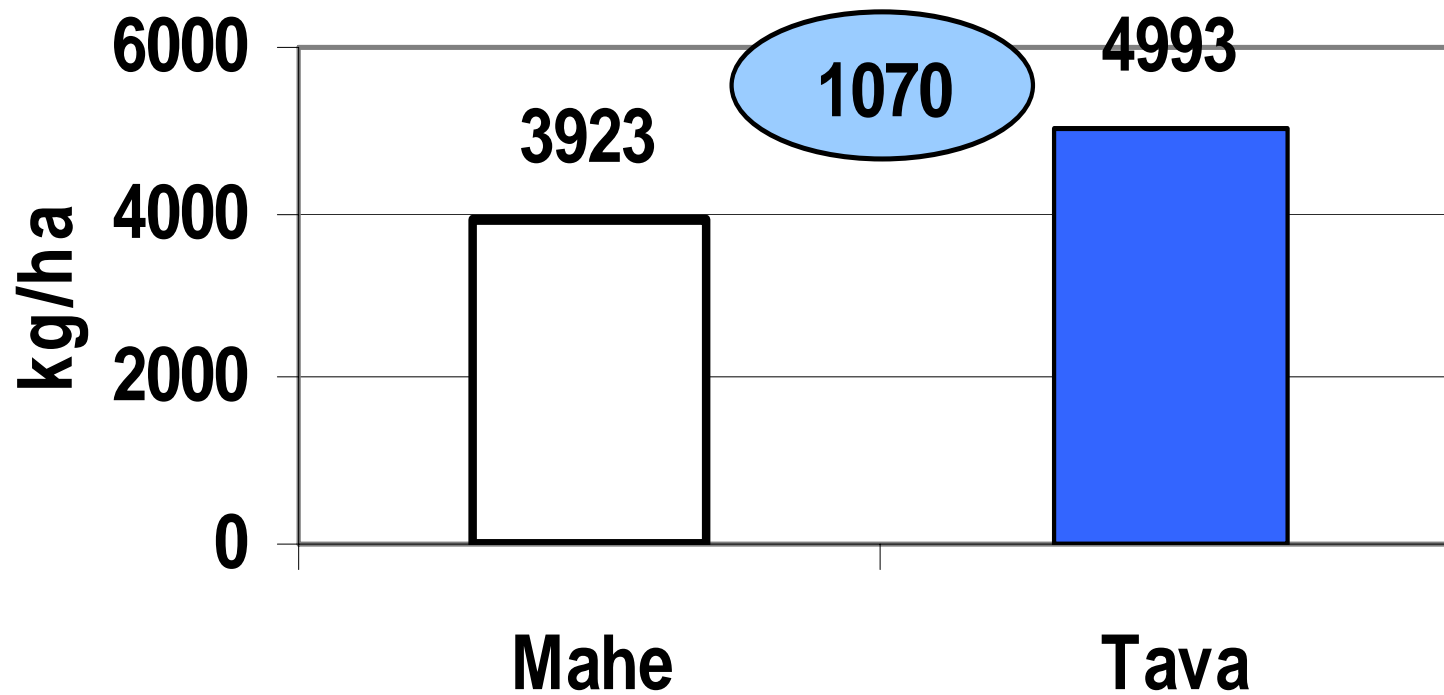
Jõgeva Sordiaretuse Instituut

Kasvuaeg, päevi, sordid



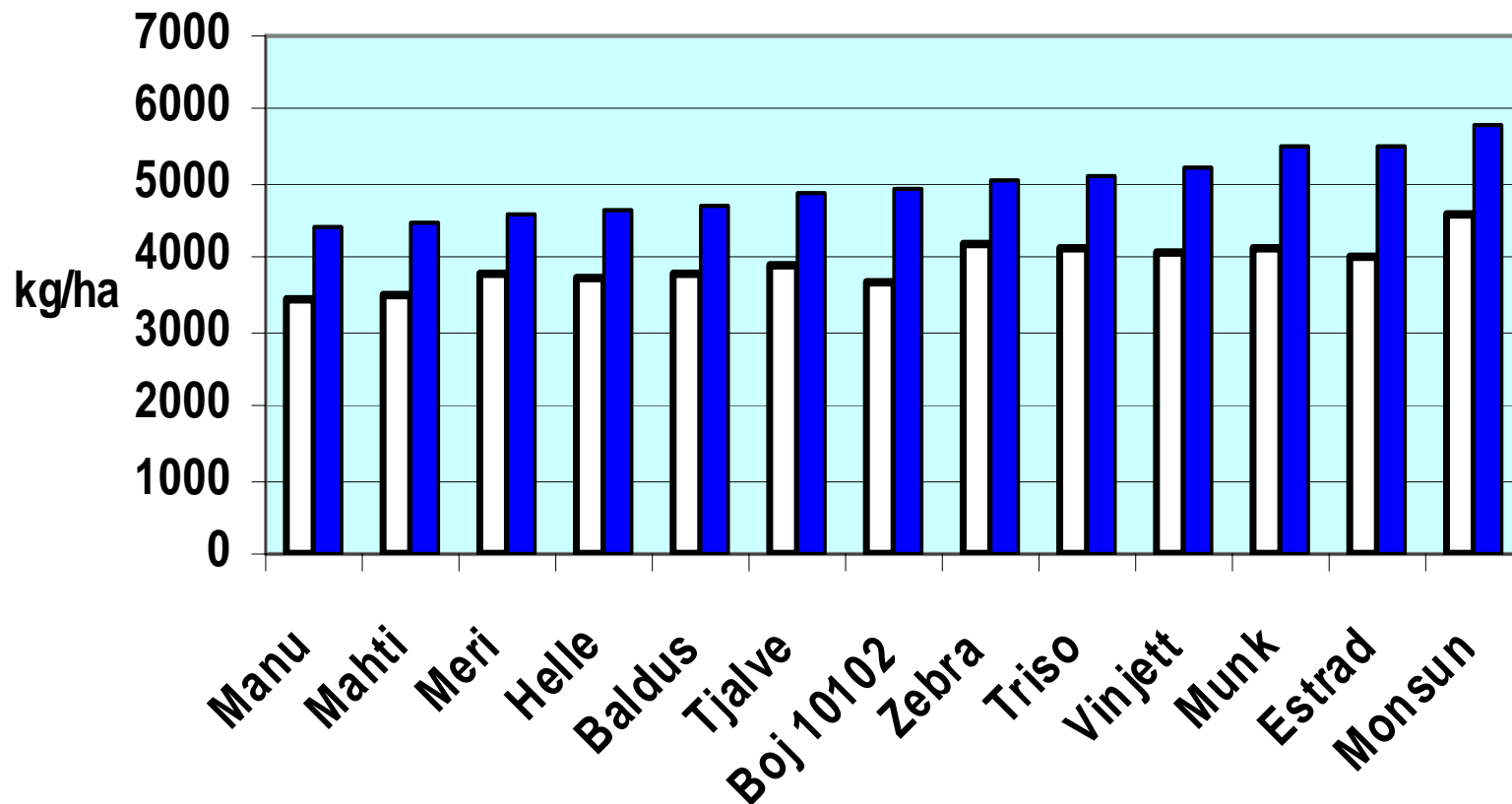
Jõgeva Sordiaaretuse Instituut

Saagikus, kg/ha

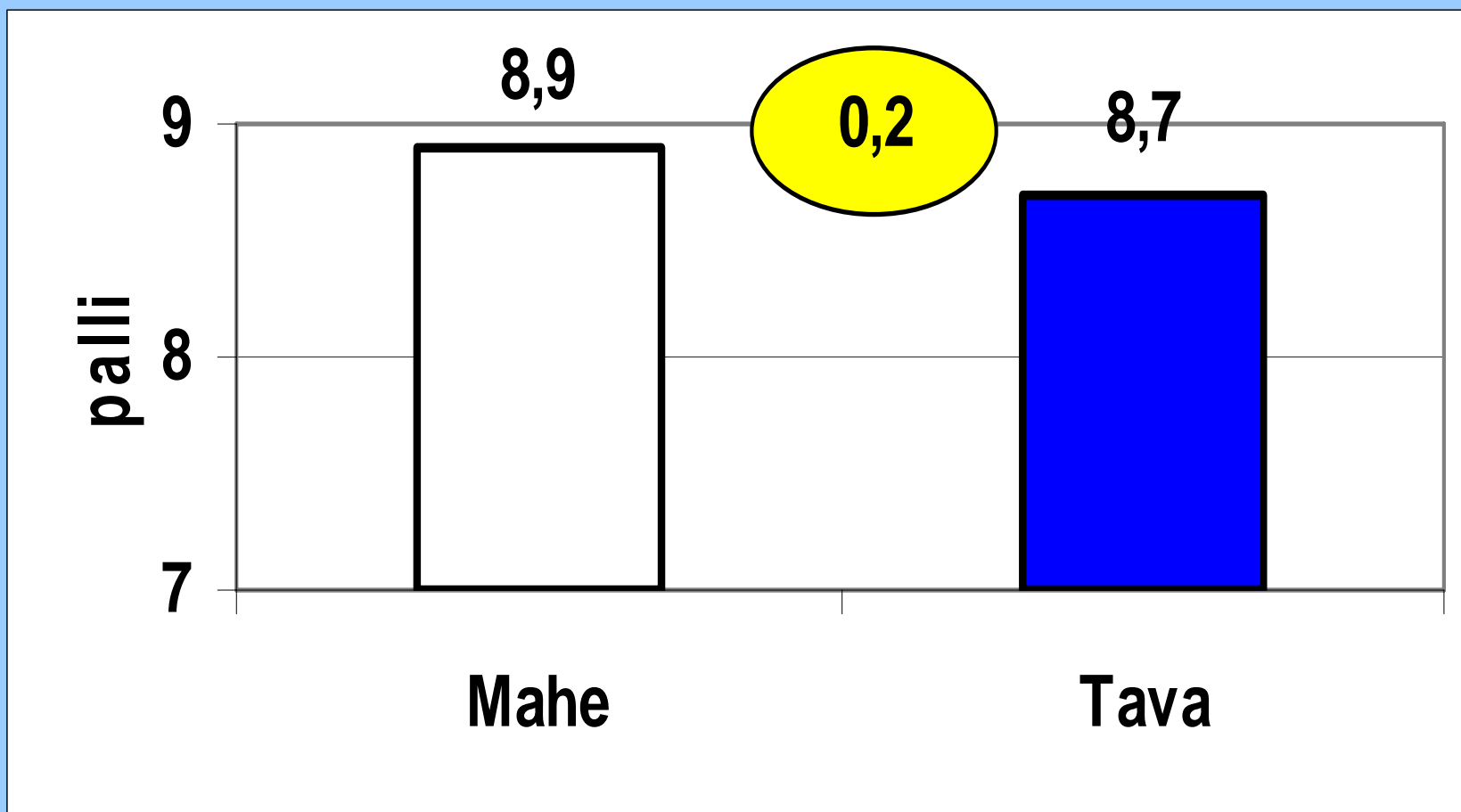


Jõgeva Sordiaretuse Instituut

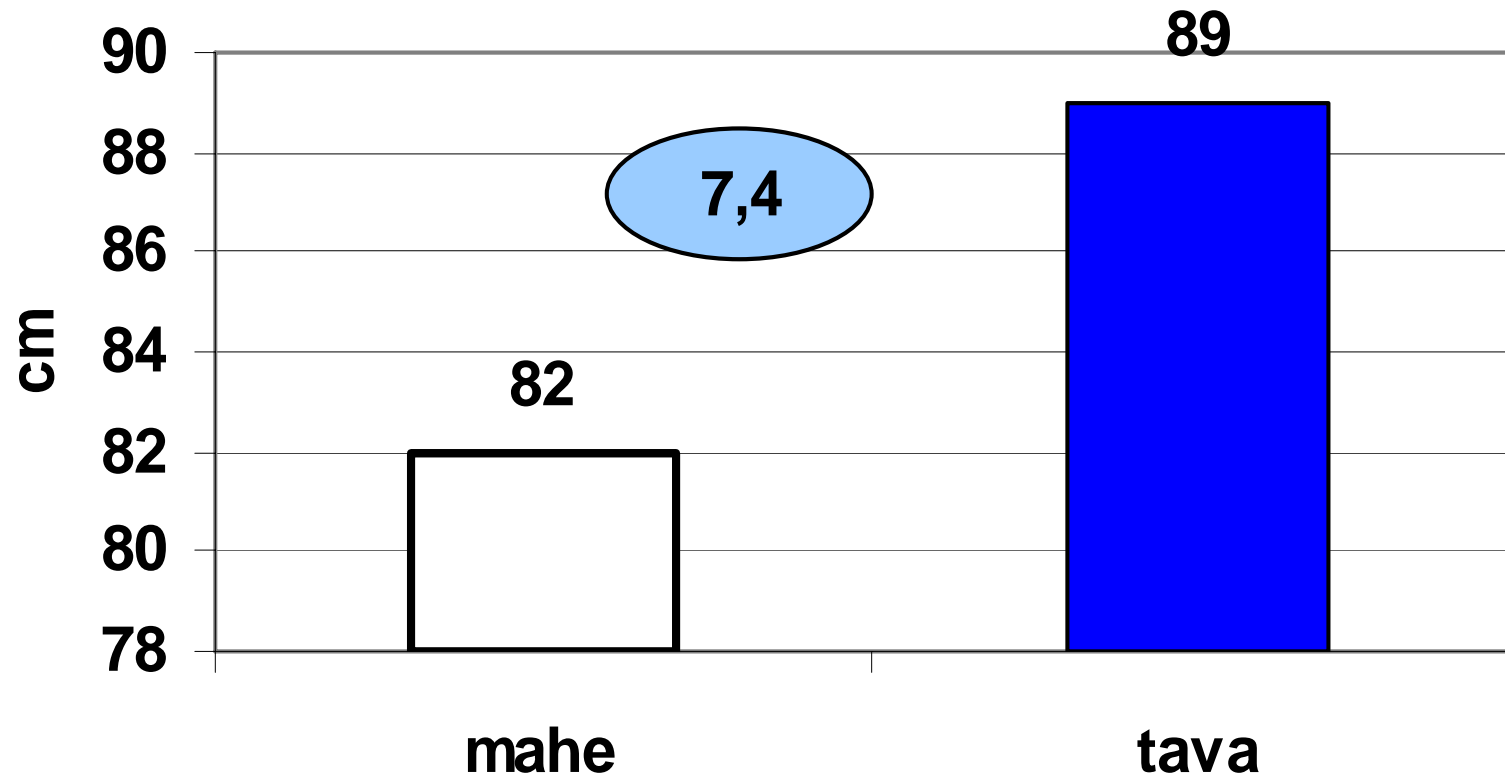
Saagikus kg/ha, sordid



Seisukindlus, 1...9 palli

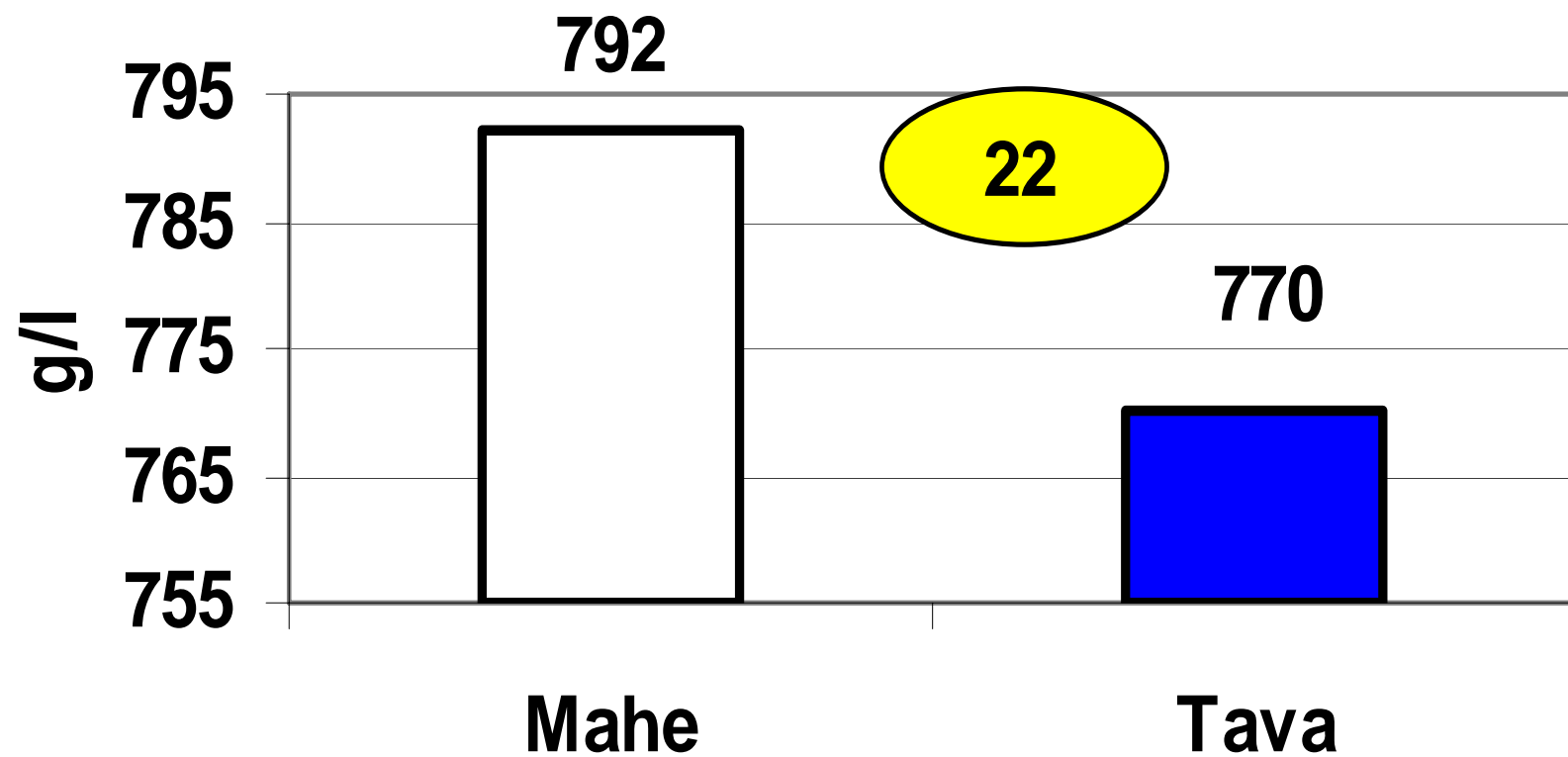


Taime pikkus, cm



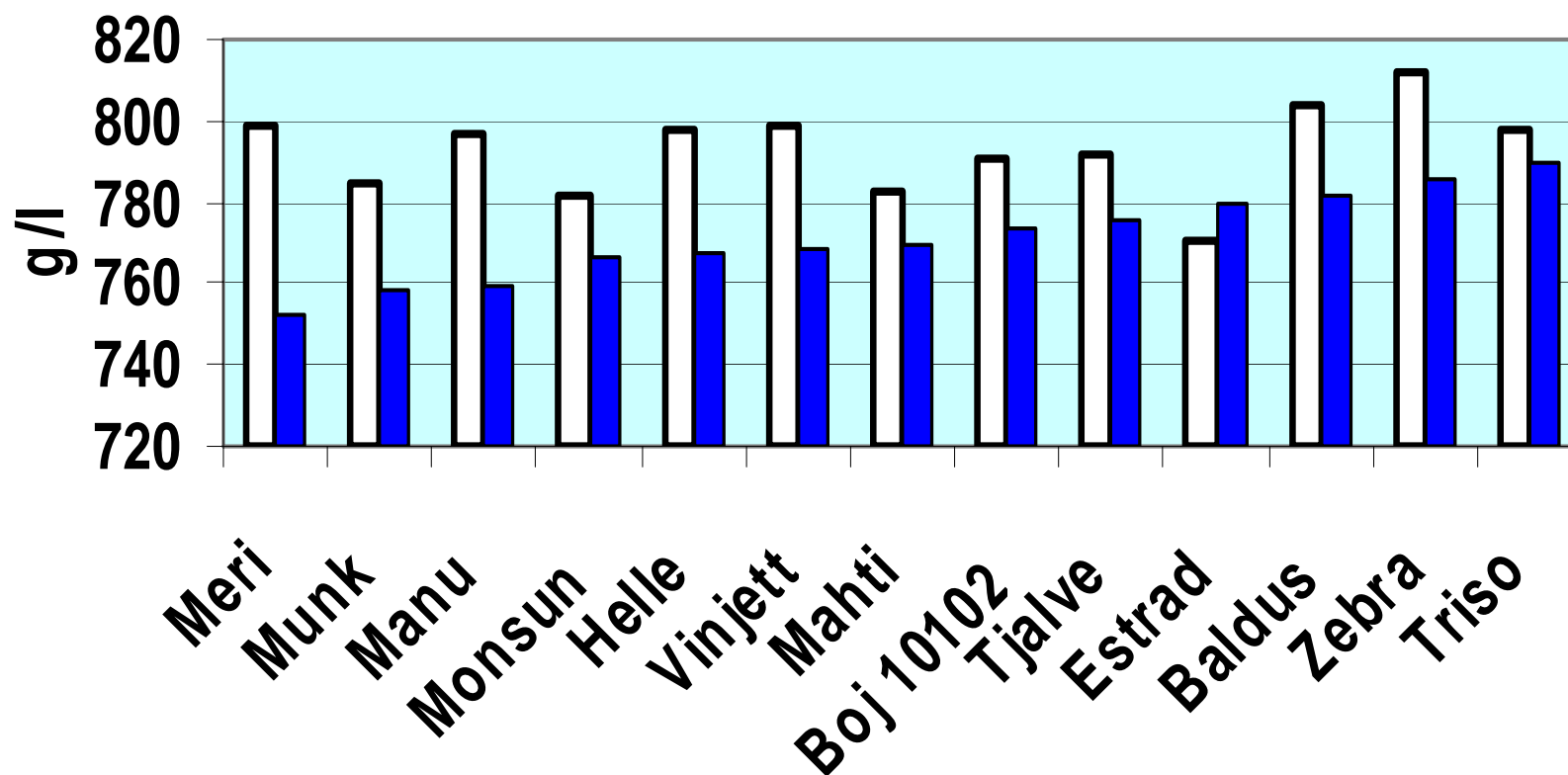
Jõgeva Sordiaretuse Instituut

Mahumass, g/l



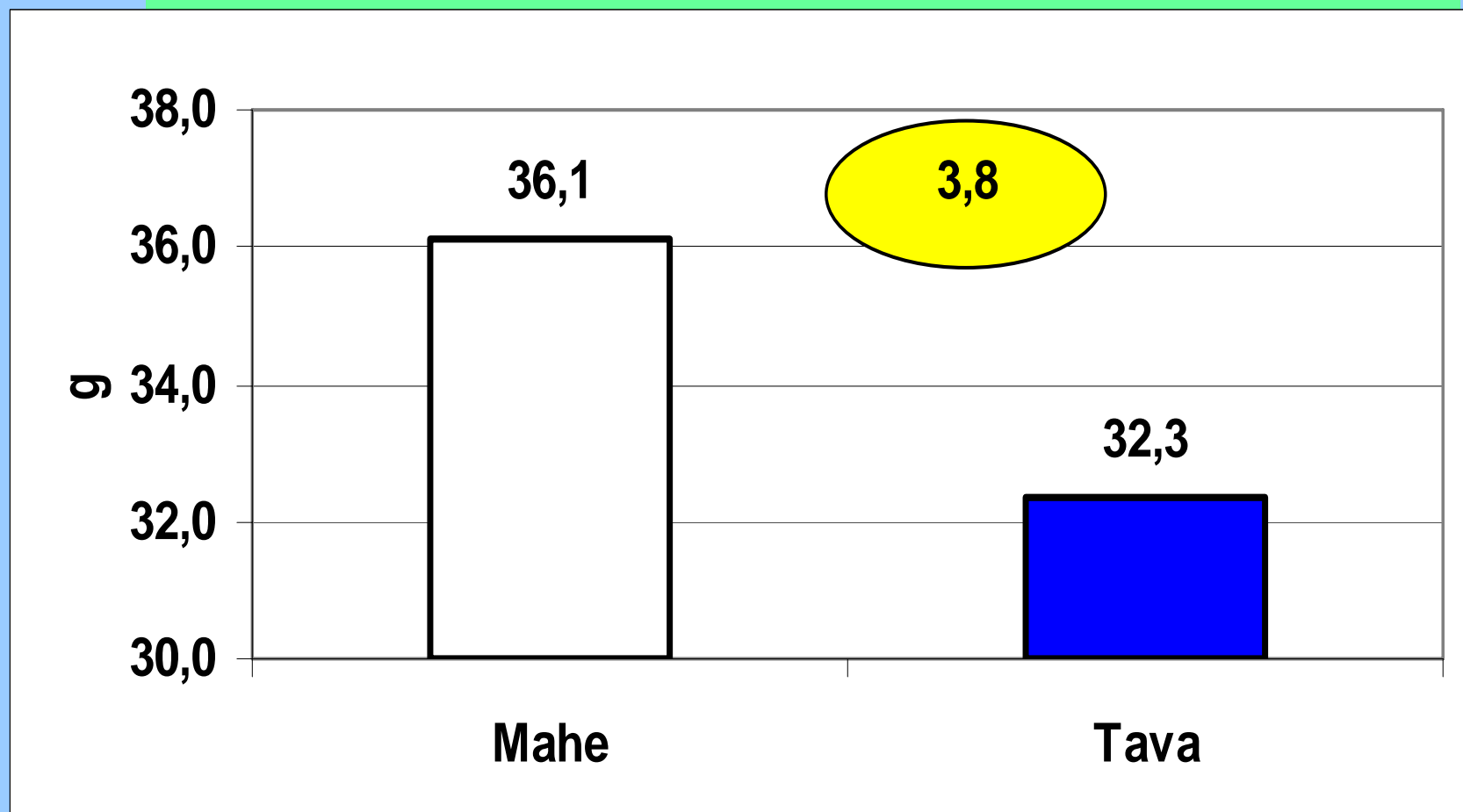
Jõgeva Sordiaretuse Instituut

Mahumass g/l, sordid



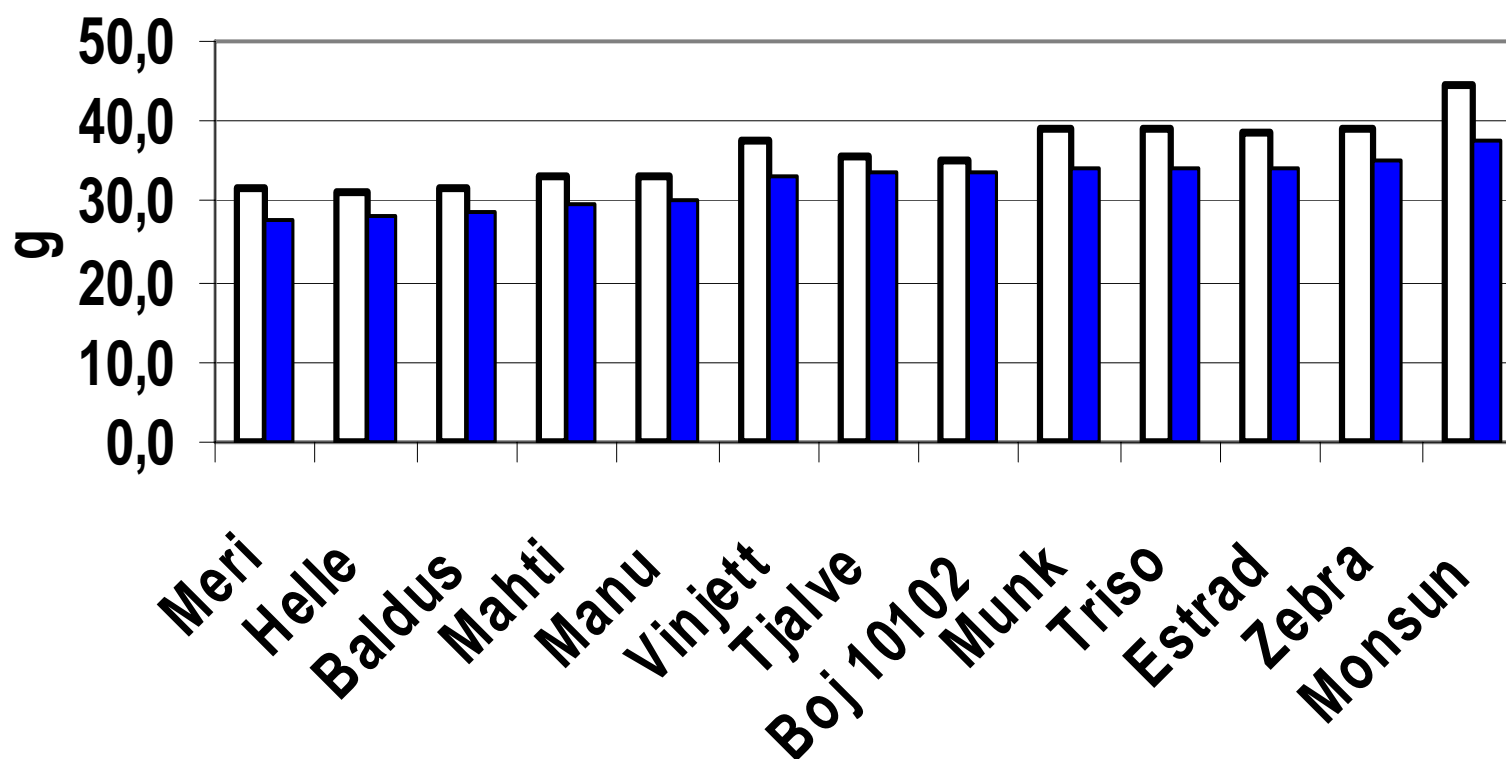
Jõgeva Sordiaaretuse Instituut

1000 tera mass, g



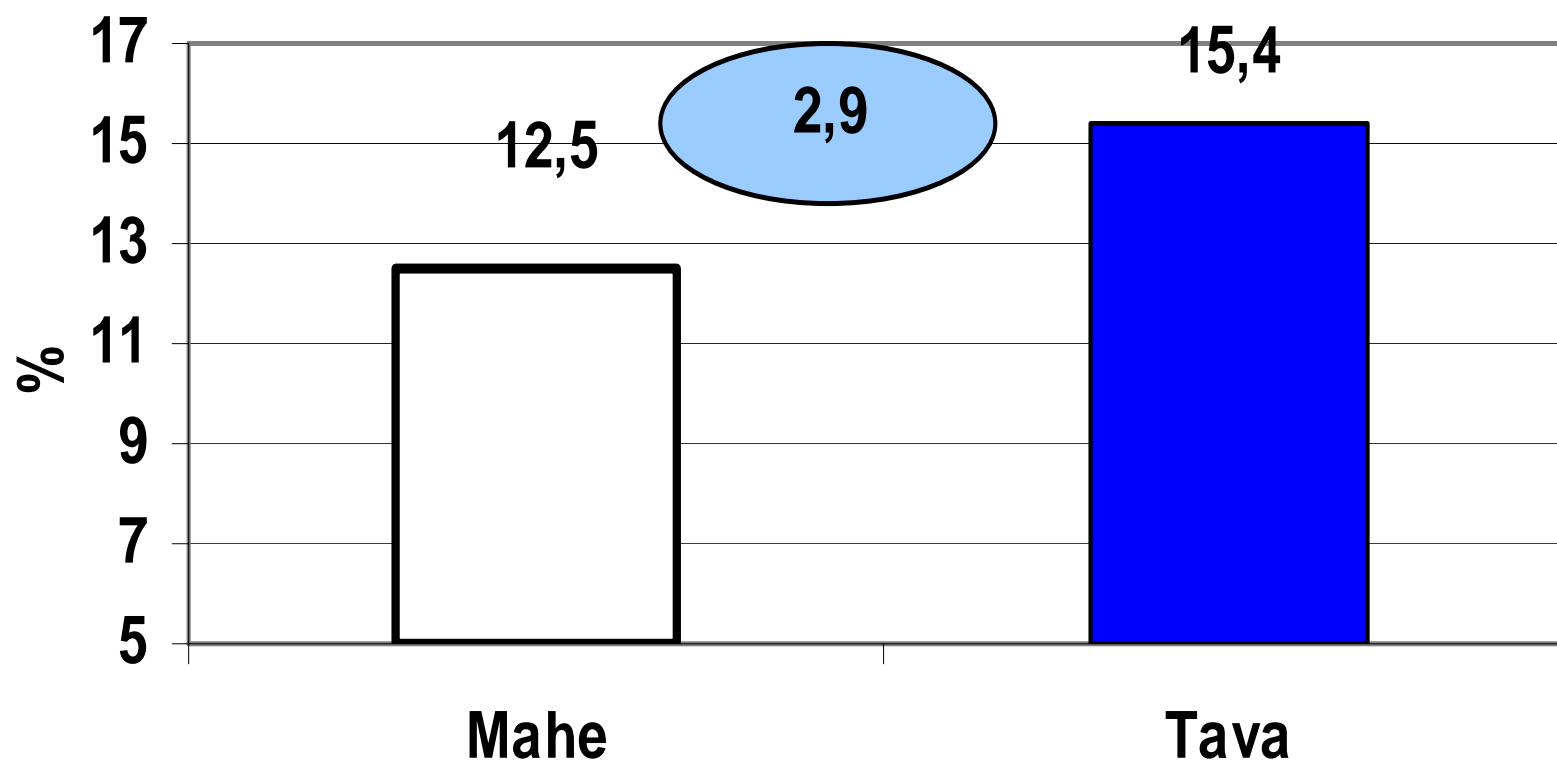
Jõgeva Sordiaretuse Instituut

1000 tera mass g, sordid



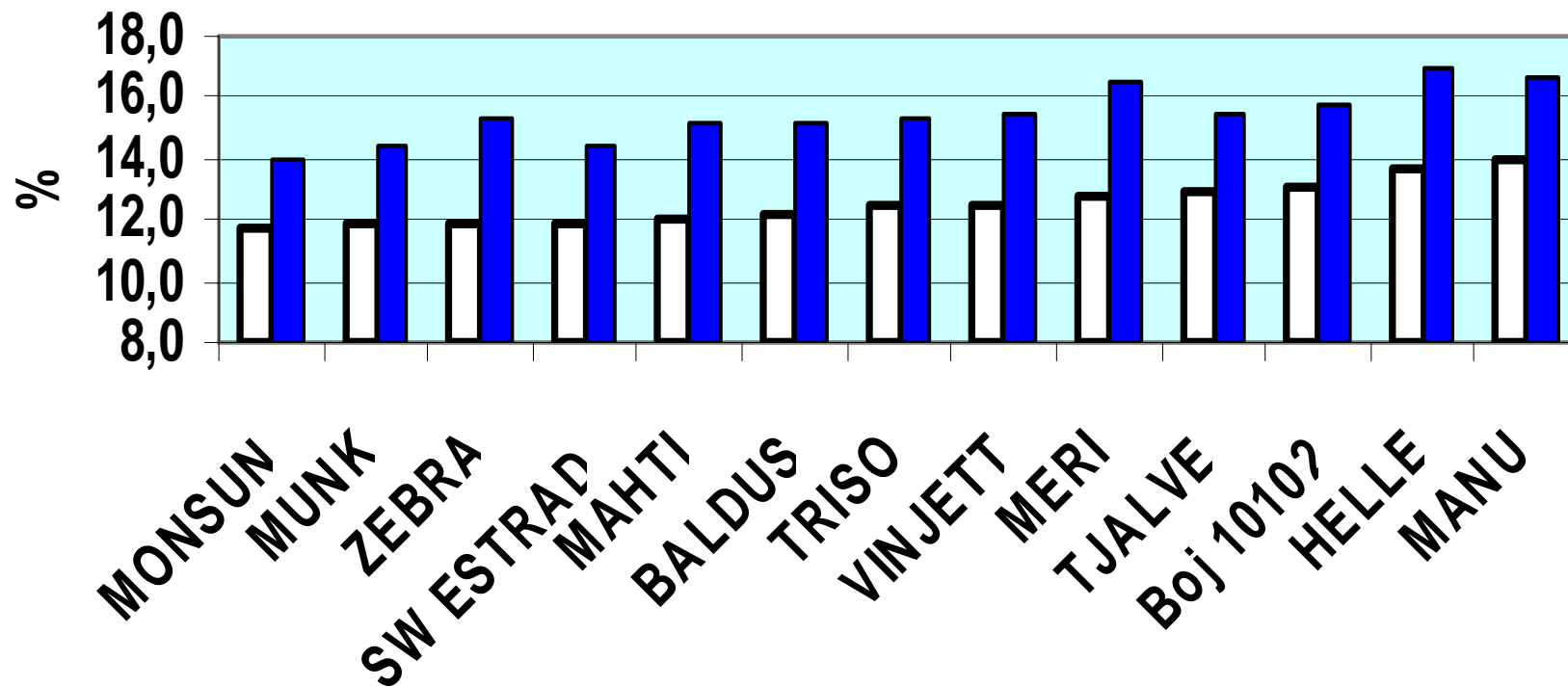
Jõgeva Sordiaaretuse Instituut

Proteiin, %



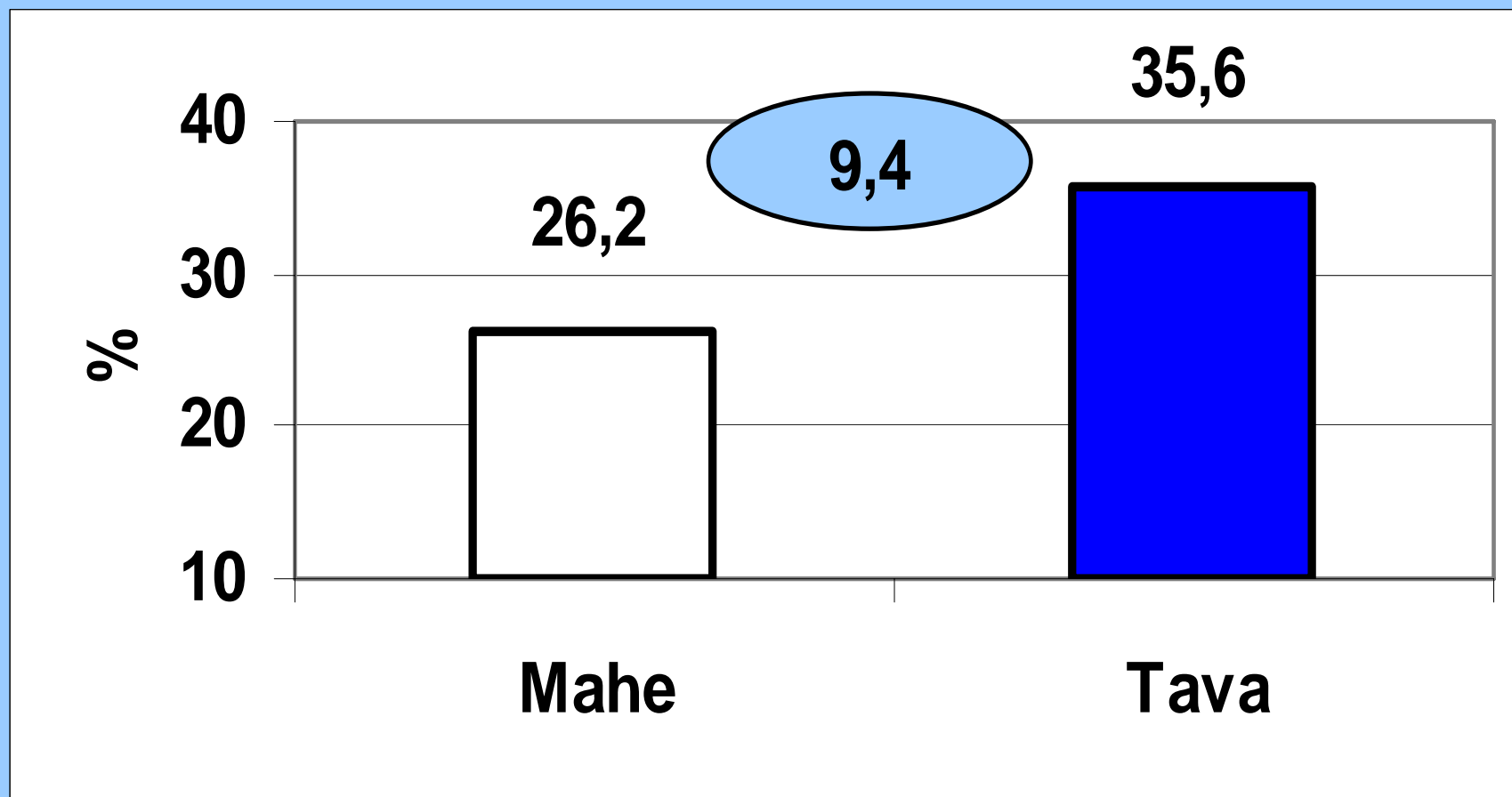
Jõgeva Sordiaretuse Instituut

Proteiin, %, sordid

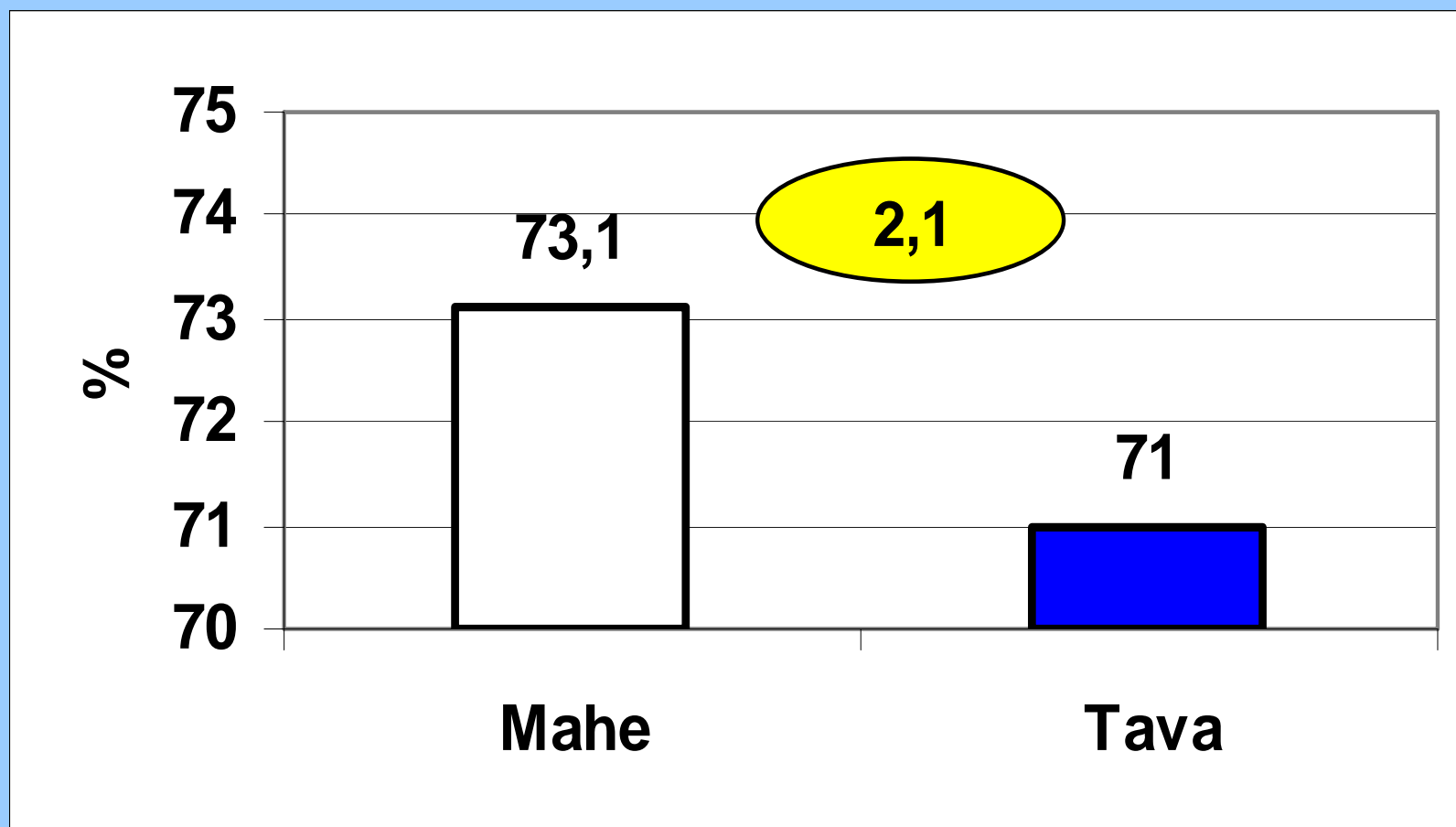


Jõgeva Sordiaaretuse Instituut

Kleepevalk, %

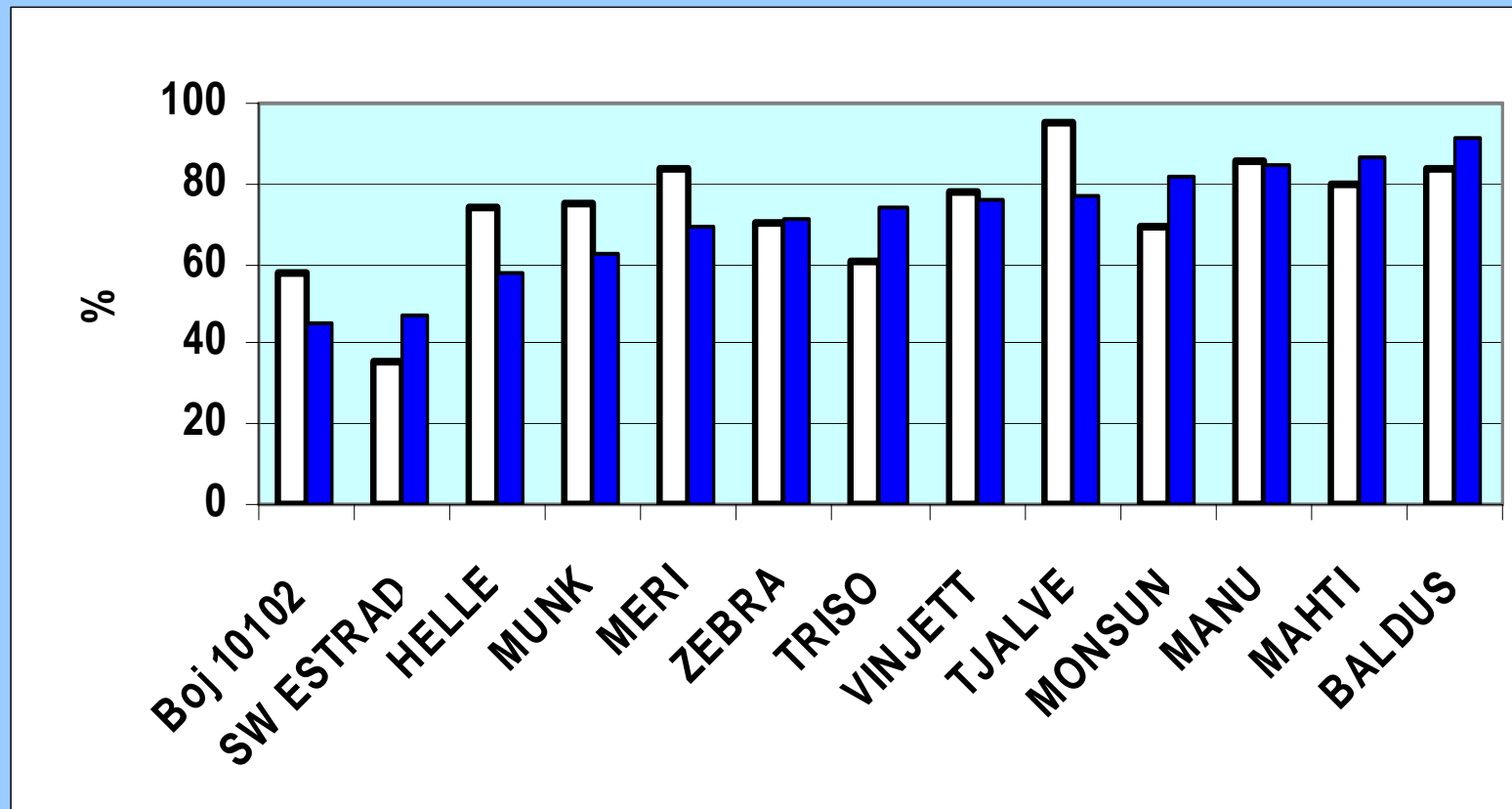


Gluteeniindeks, %



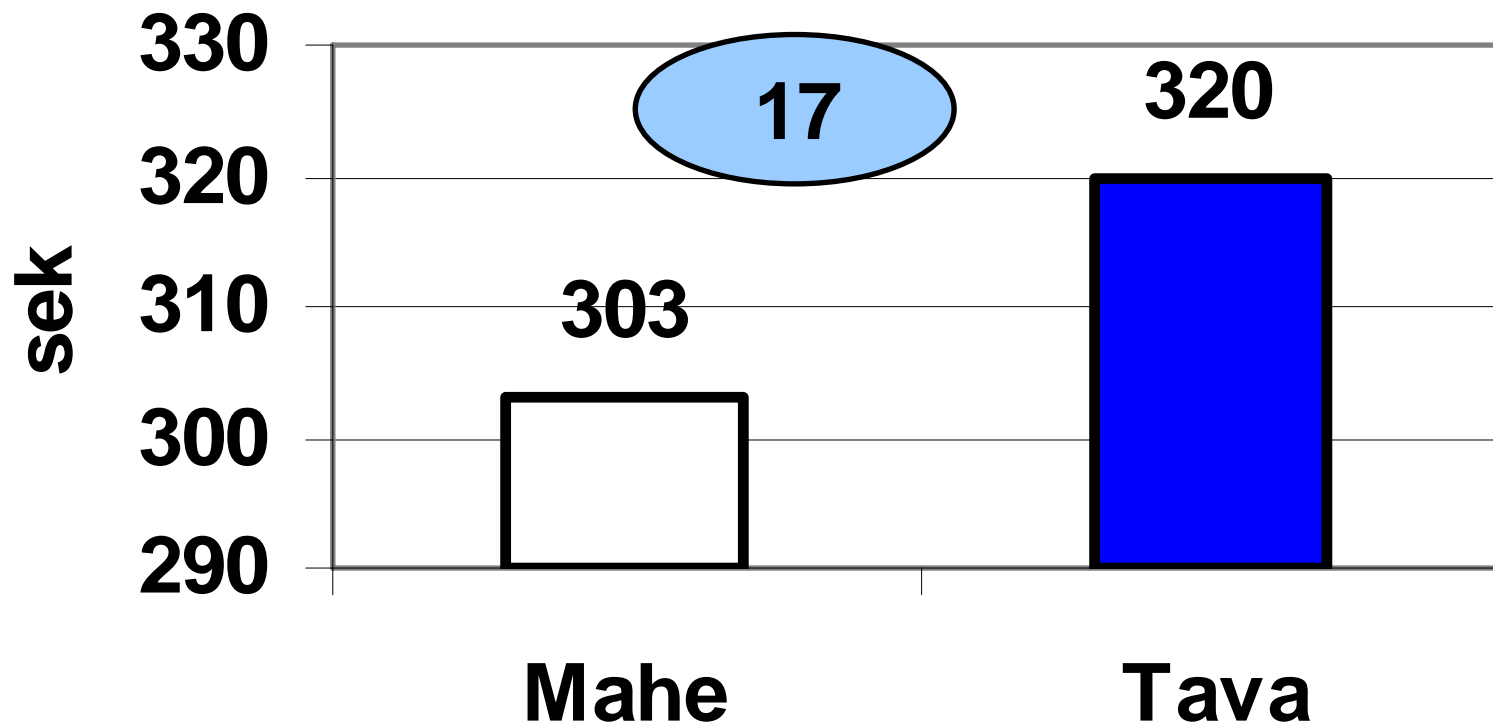
Jõgeva Sordiaretuse Instituut

Gluteeniindeks, %, sordid

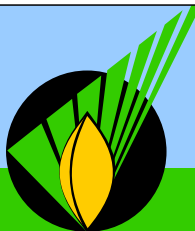
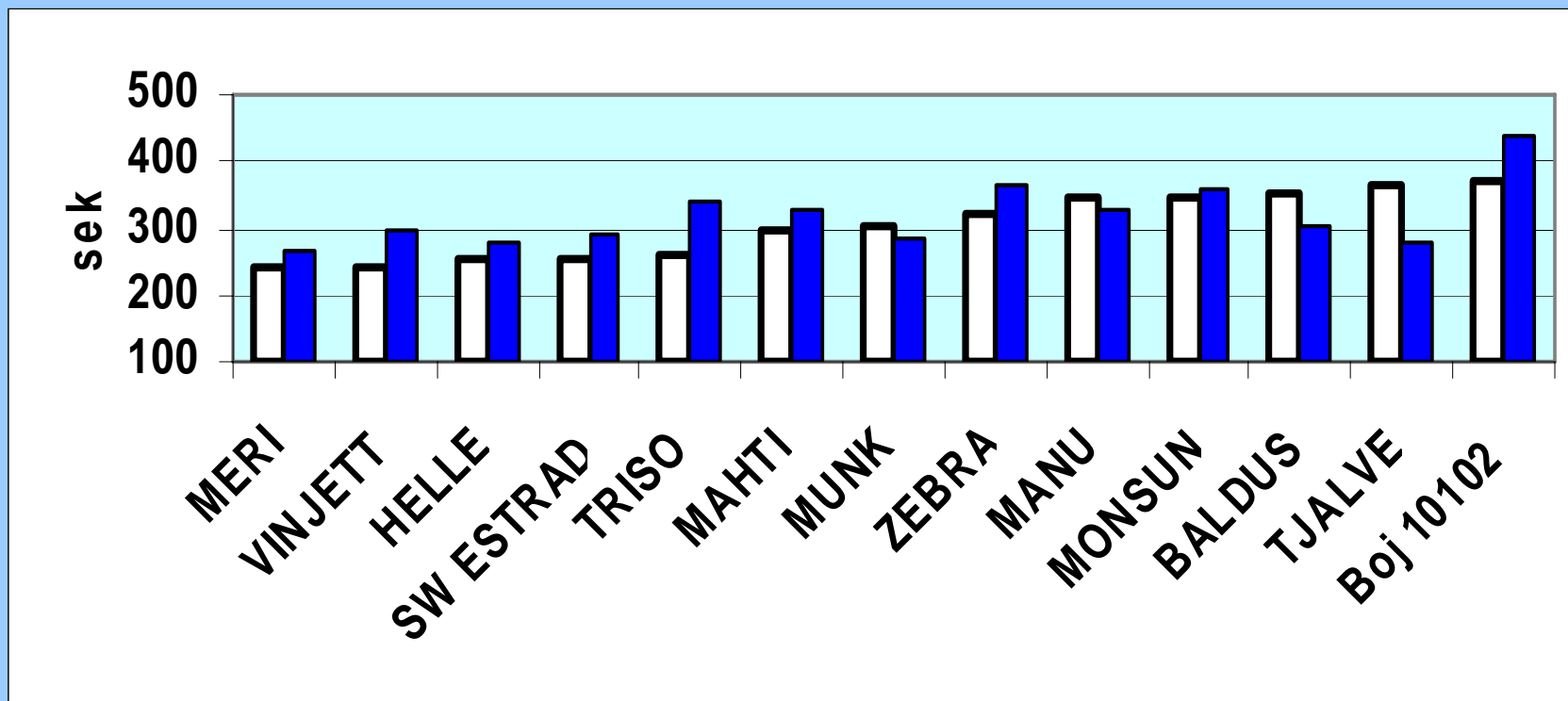


Jõgeva Sordiaaretuse Instituut

Langemisarv, sek

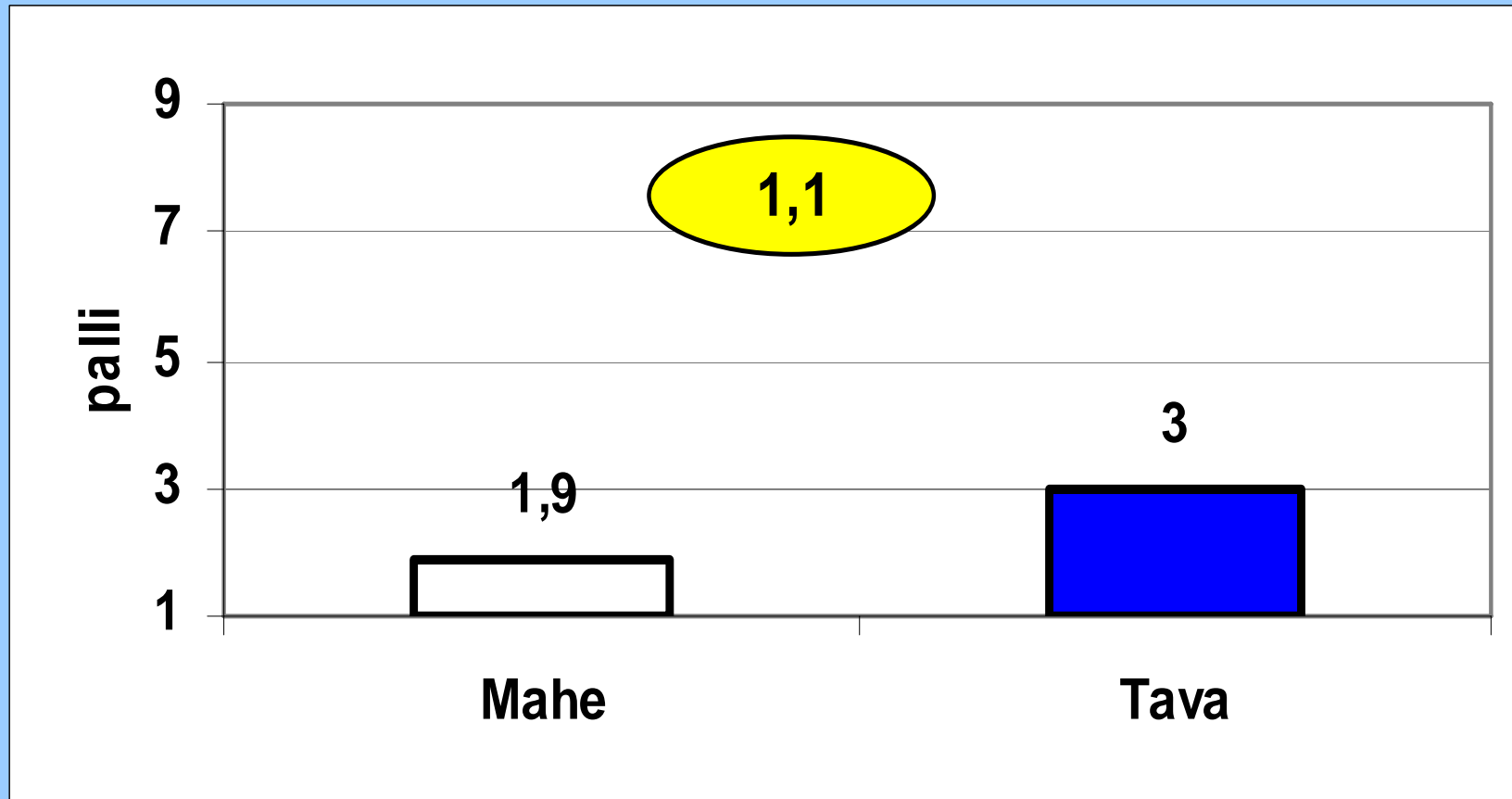


Langemisarv, sek, sordid



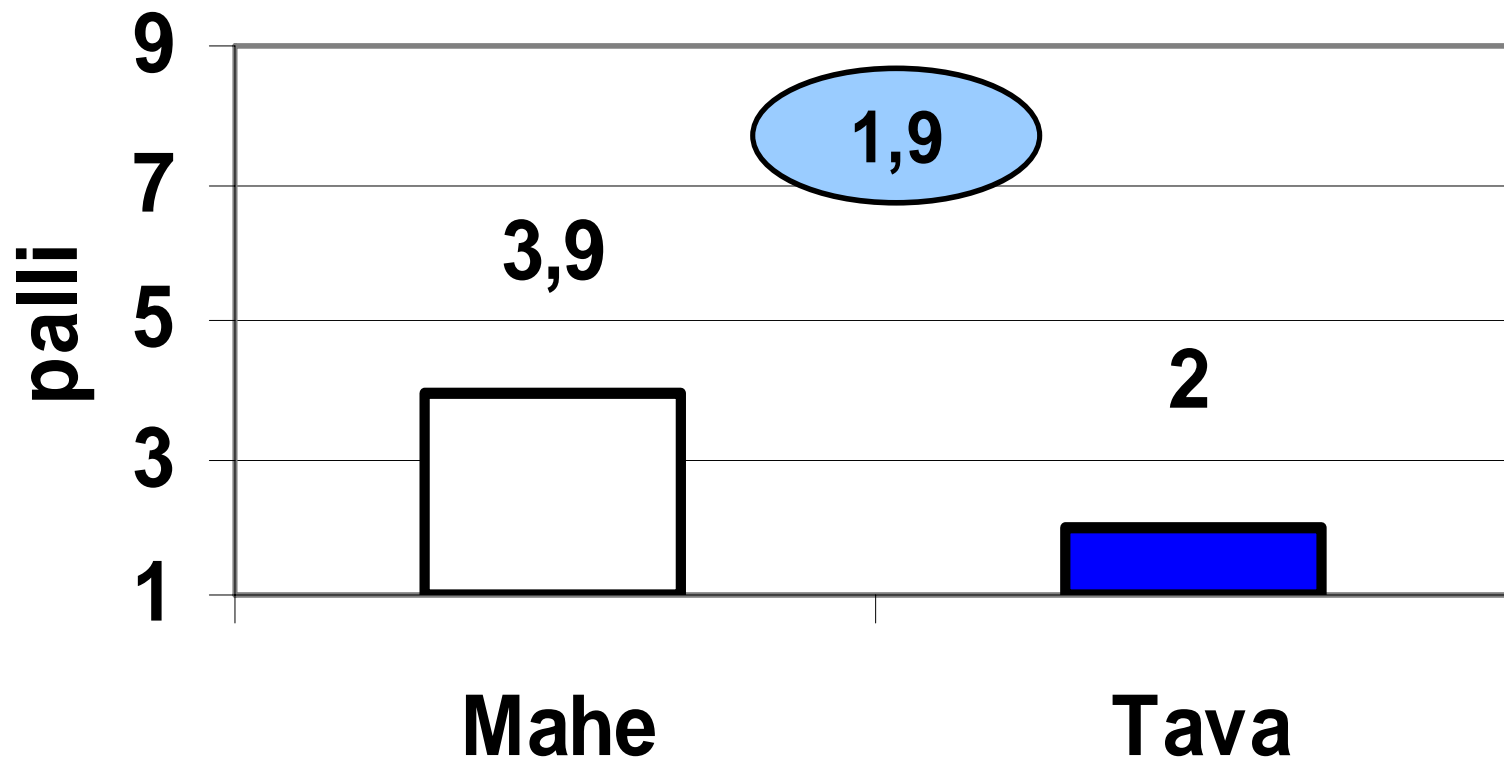
Jõgeva Sordiaaretuse Instituut

Jahukaste, 1...9 palli



Jõgeva Sordiaretuse Instituut

Helelaiksus, 1...9 palli



Kokkuvõtteks

Mahekatses 2 a keskmisena oli parem:

+ 1000 tera mass, mahumass, kleepevalgu tugevus, jahukastekindlus, seisukindlus (pikkus vähenes), lühem kasvuaeg

Mahetingimustes vähenes:

- saak, proteiini ja kleepevalgu sisaldus, langemisarv, helelaiksuskindlus**



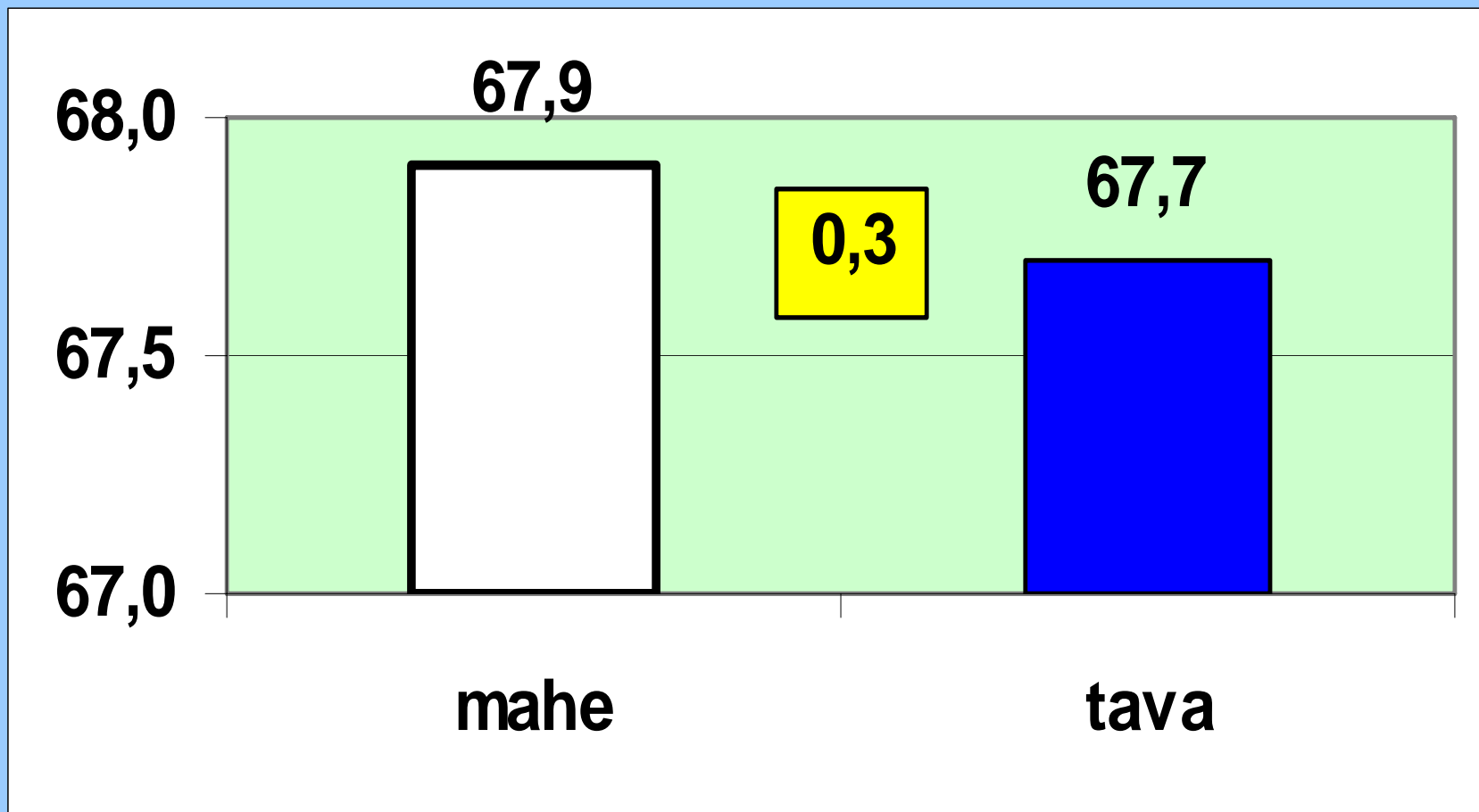
Jõgeva Sordiaretuse Instituut

Jahvatus ja küpsetus 2005-2006

- Kasutame Soome Viljasalve küpsetamise metoodikat,
- Laboratoorne Bühleri firma jahuveski ja küpsetuslabor
- Jahvatus – 19 näitajat
- Jahu hinnang – 6 näitajat (3 hinnangut)
- Taigen – 12 näitajat
- Päts – 14 näitajat (4 hinnagut)

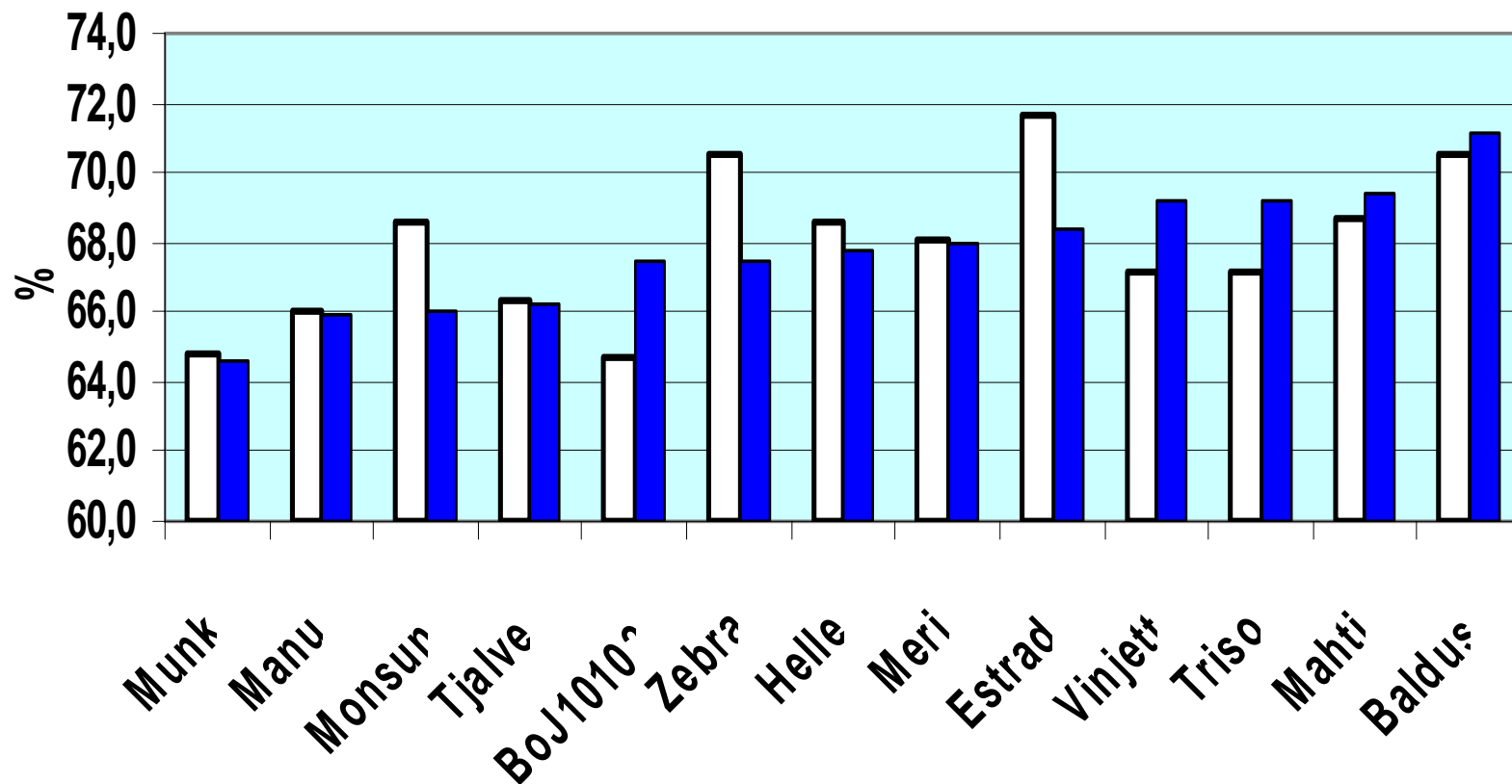


Jahu väljatulek %



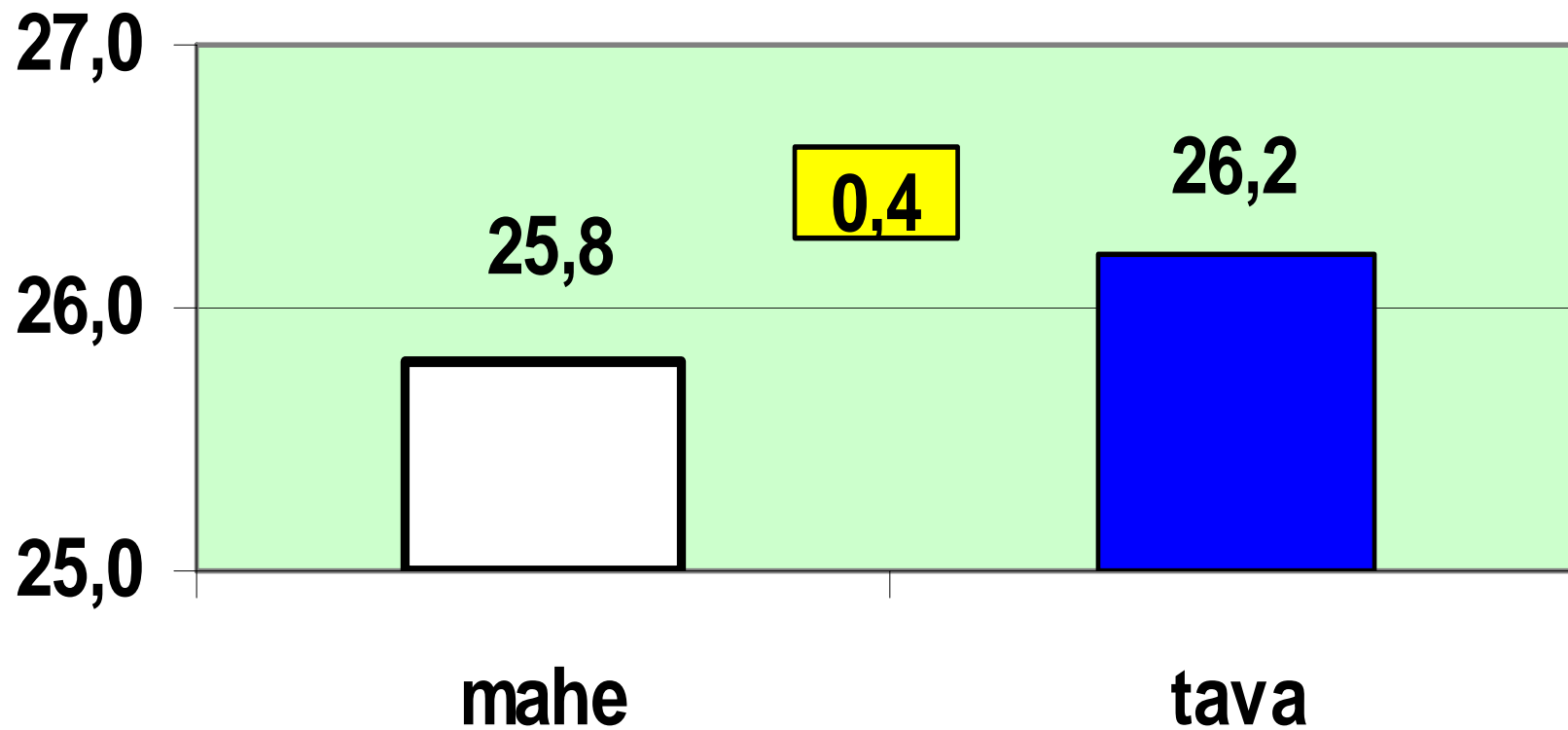
Jõgeva Sordiaretuse Instituut

Jahu väljatulek %, sordid



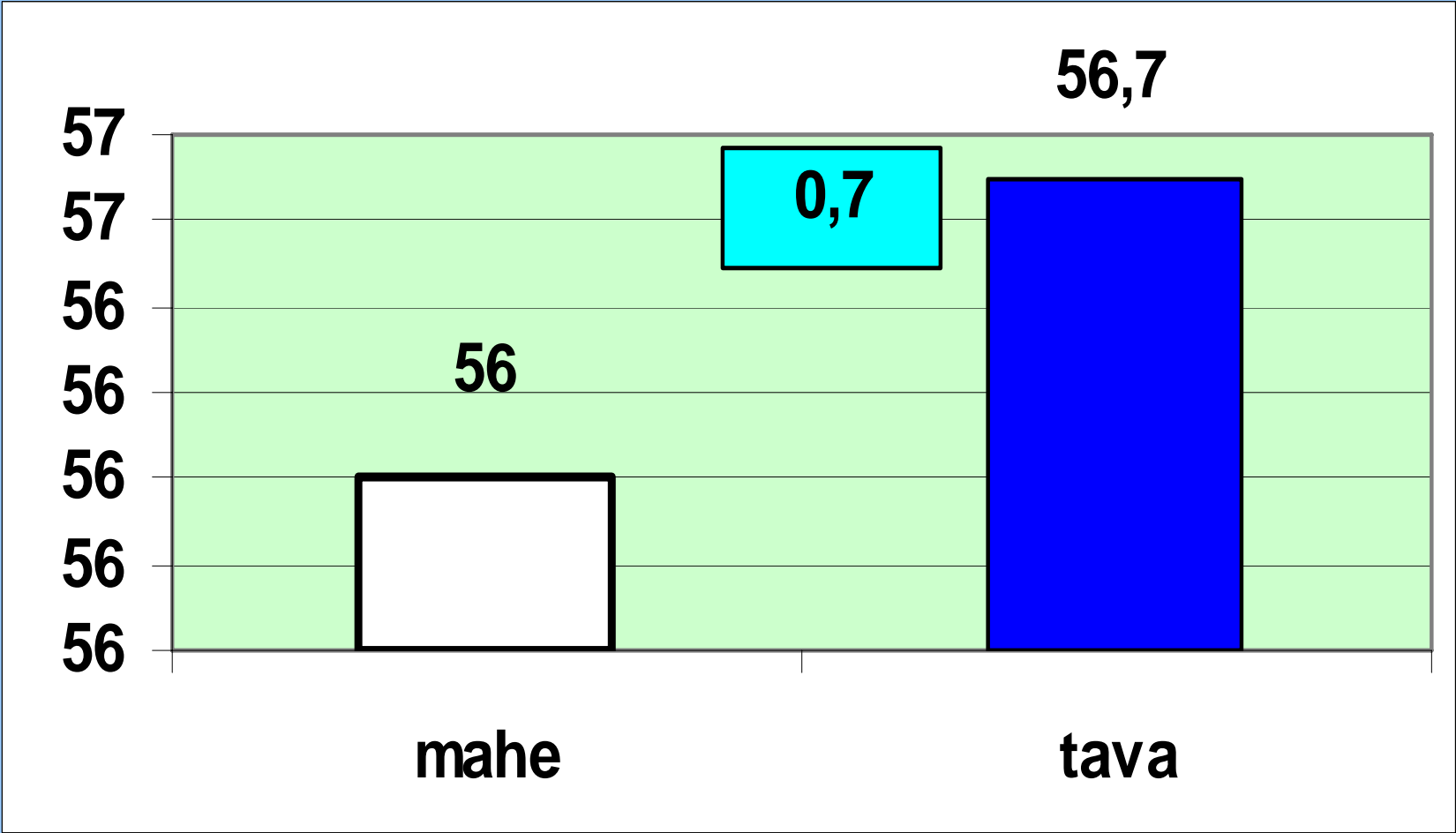
Jõgeva Sordiaaretuse Instituut

Kliisisaldus %



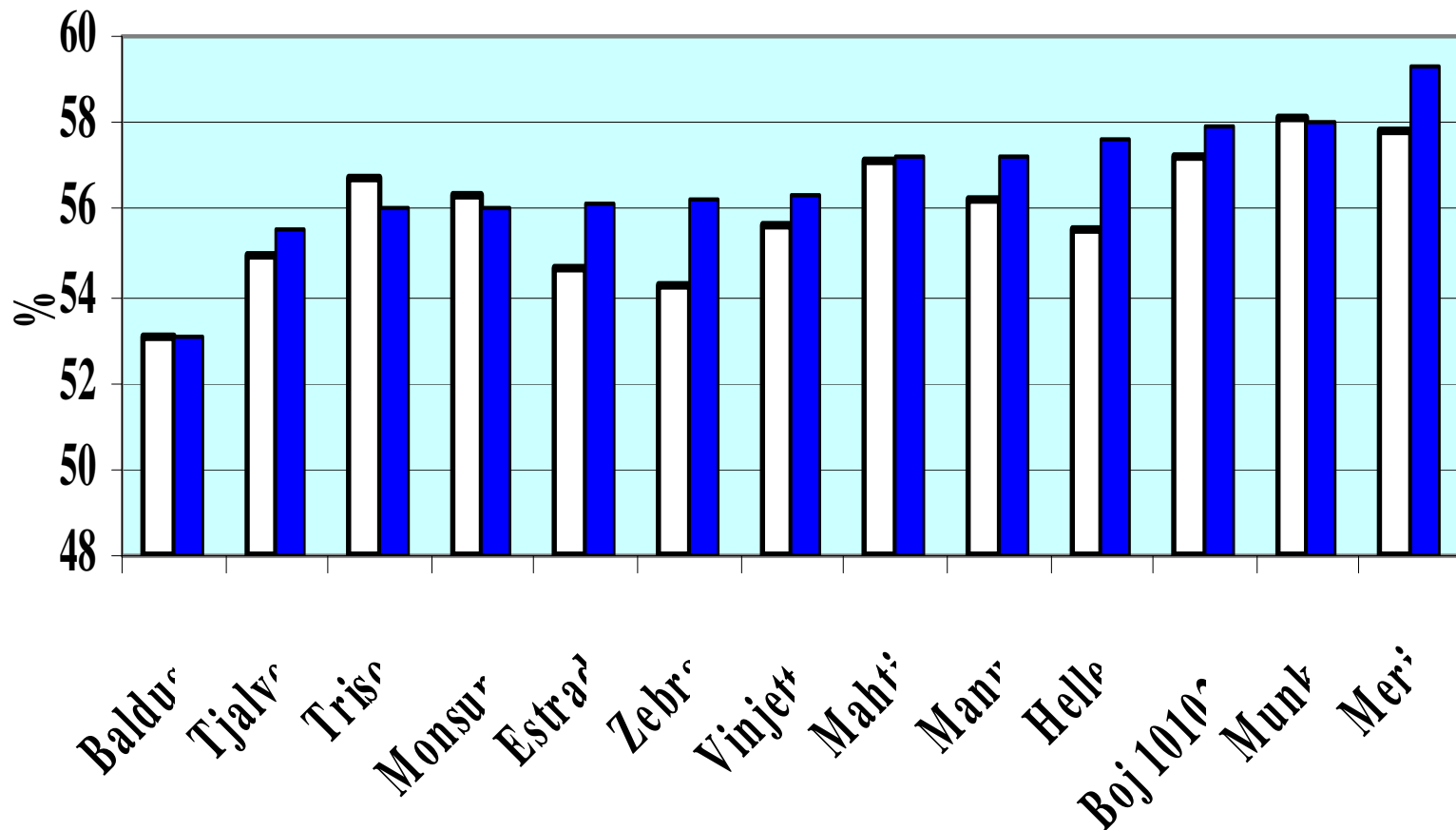
Jõgeva Sordiaretuse Instituut

Jahu veesidumisvõime %

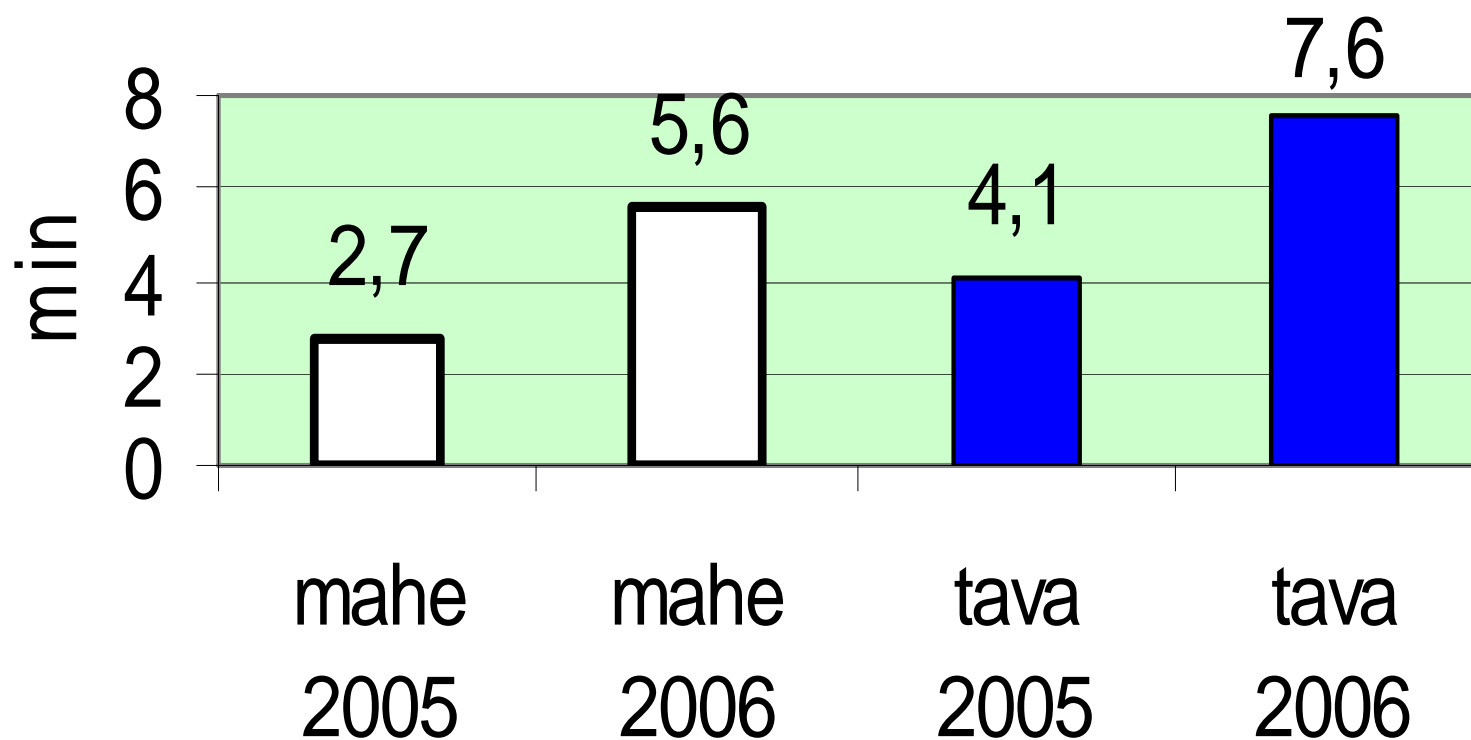


Jõgeva Sordiaretuse Instituut

Jahu veesidumisvõime %

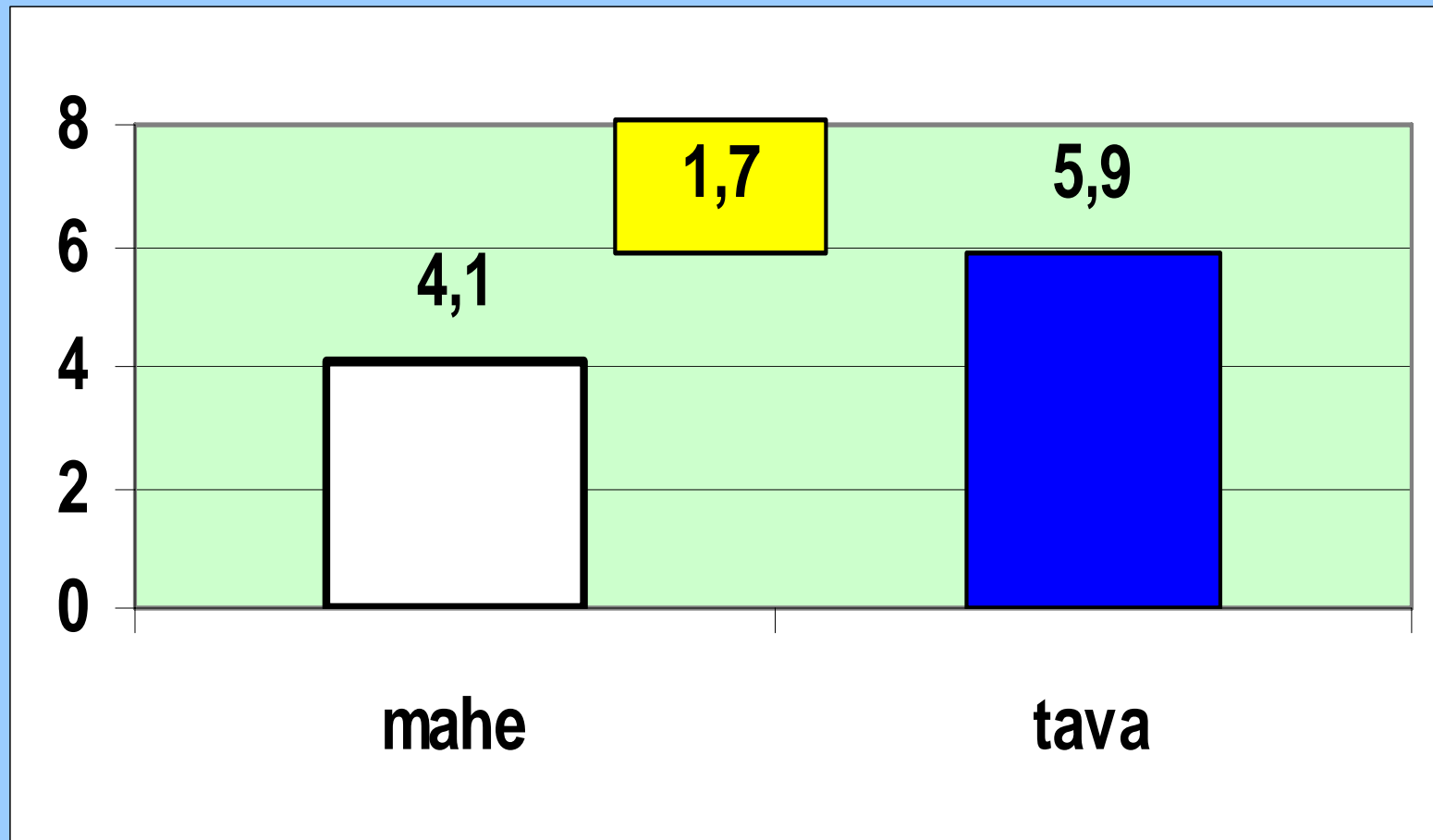


Taigna moodustumise aeg, min, 2005 ja 2006

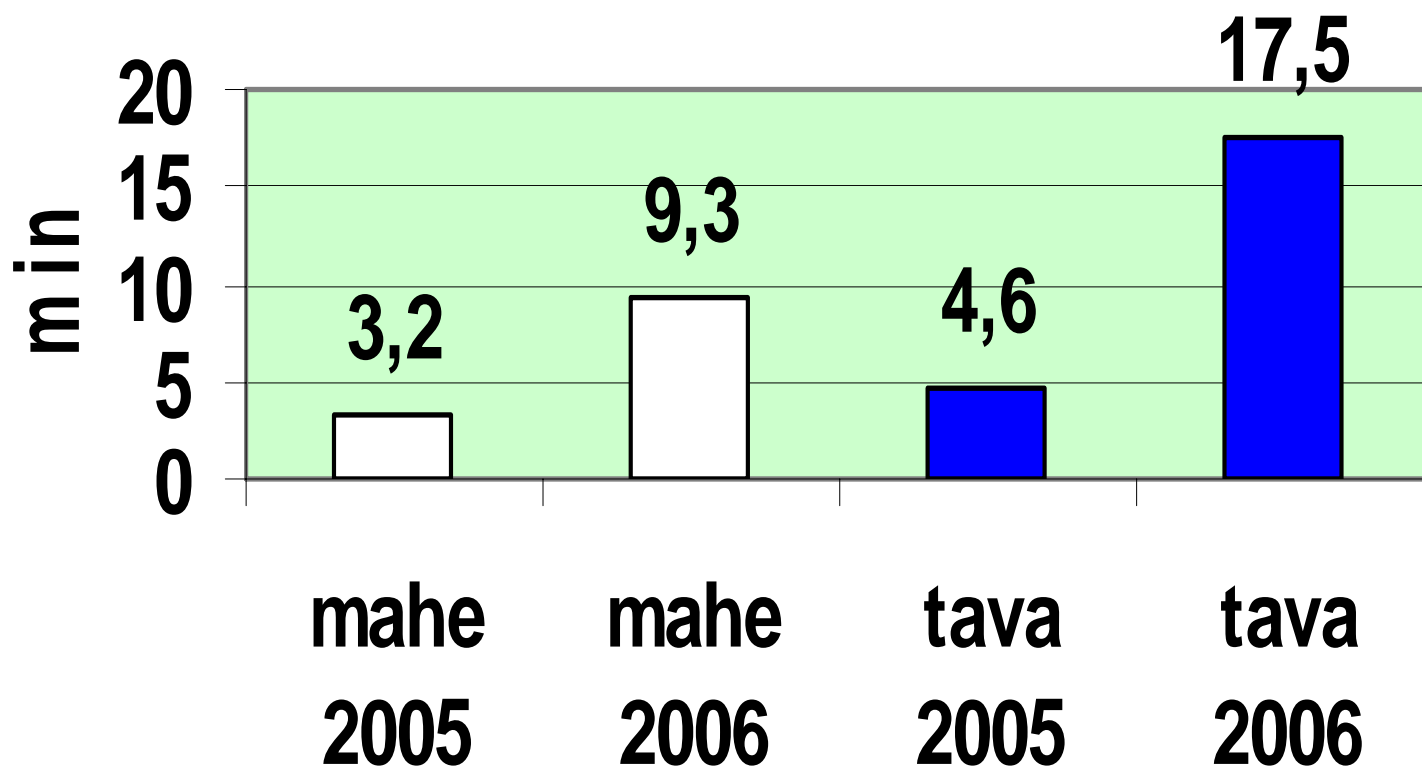


Jõgeva Sordiaretuse Instituut

Taigna moodustumise aeg min

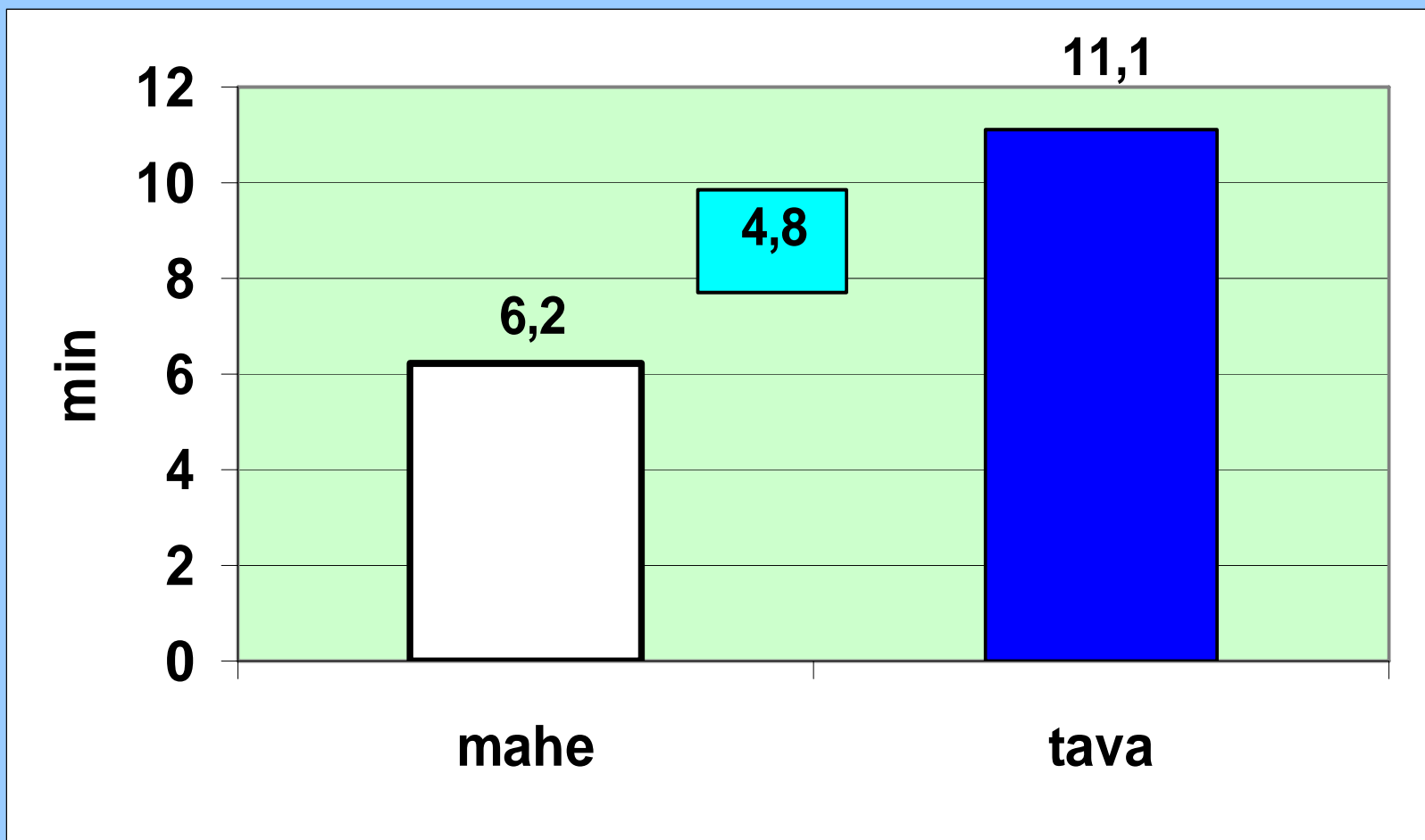


Taigna stabiilsus min, 2005 ja 2006

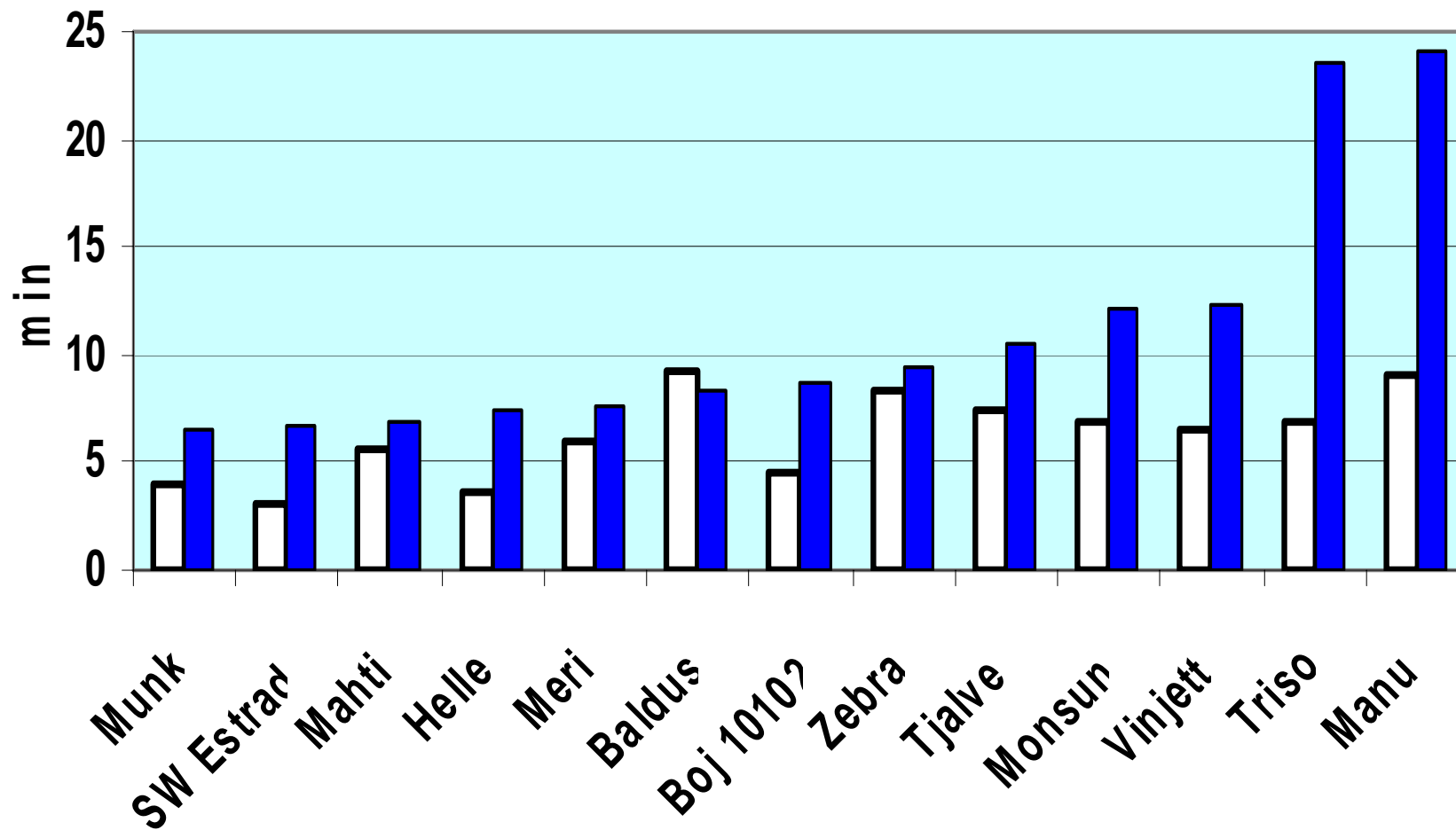


Jõgeva Sordiaretuse Instituut

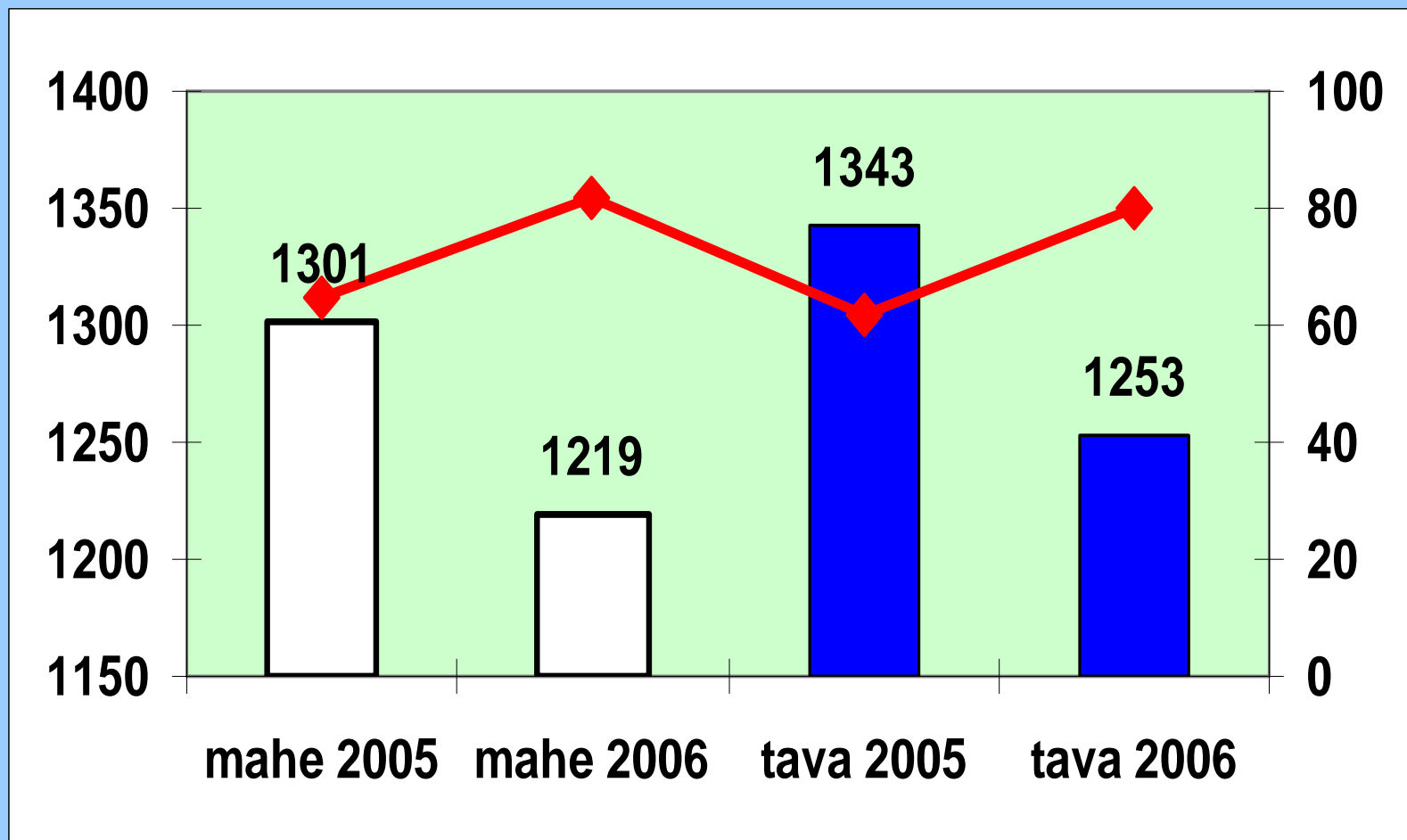
Taigna stabiilsus min



Taigna stabiilsus min, sordid

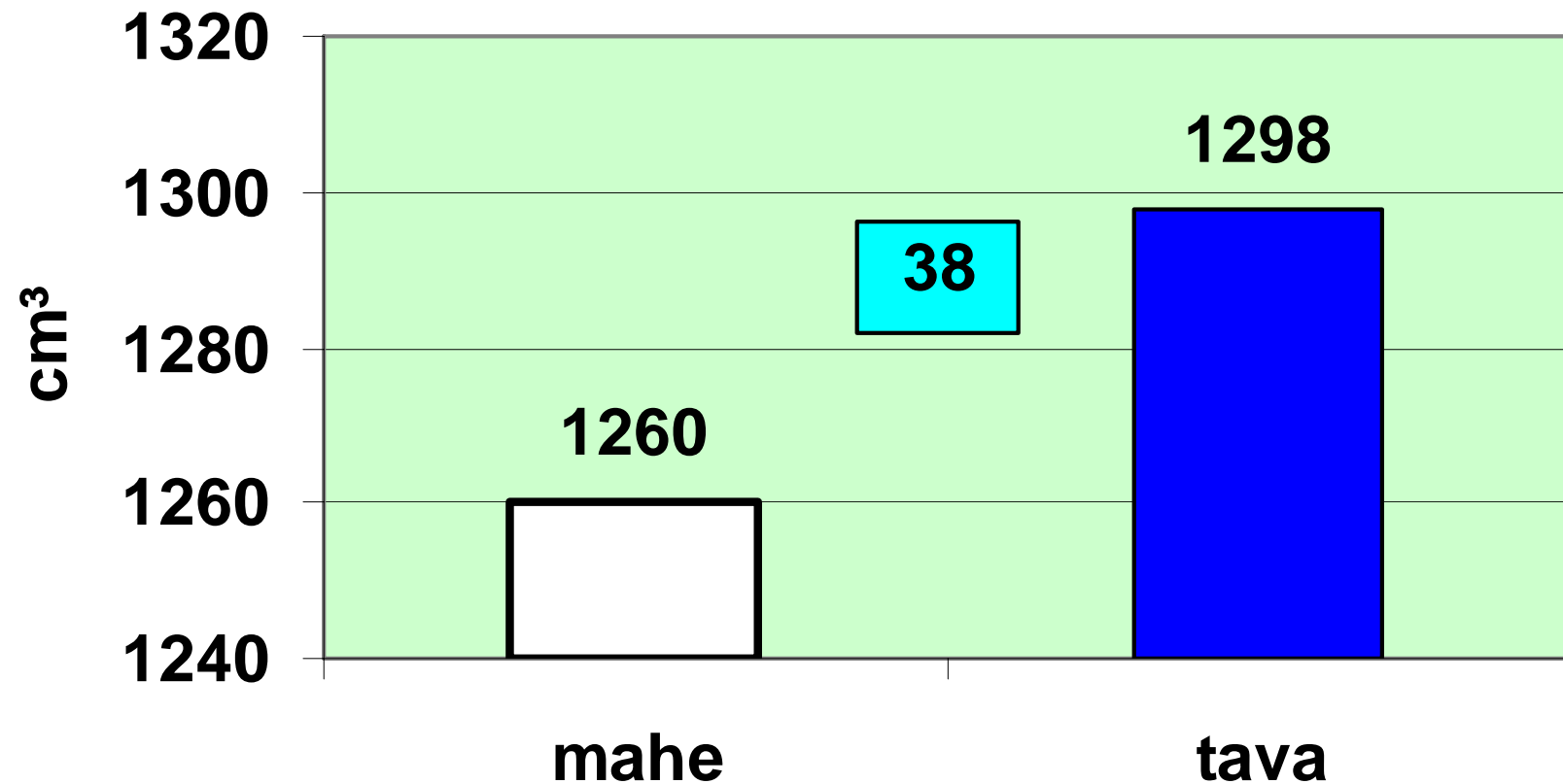


Pätsi maht ja gluteeniindeks

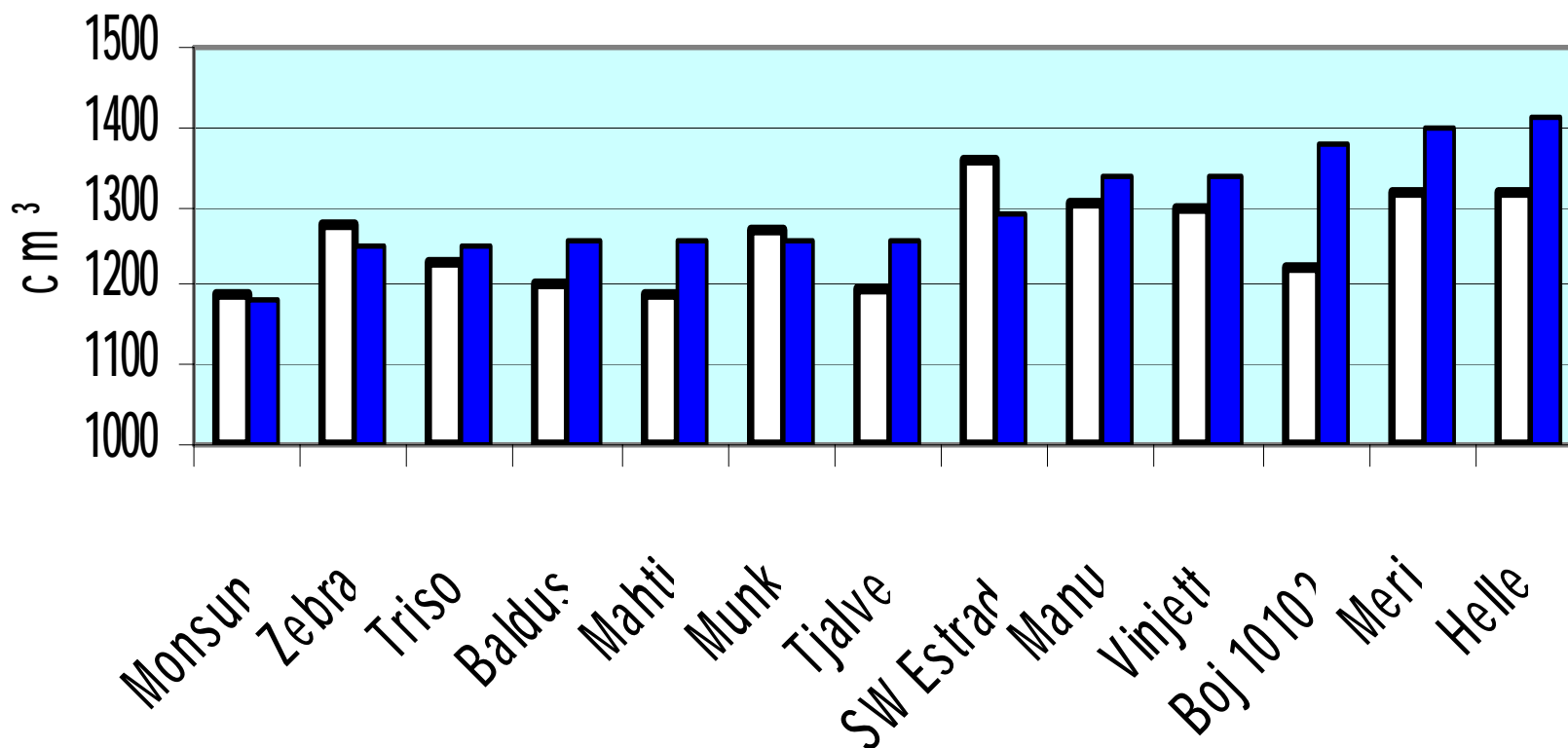


Jõgeva Sordiaretuse Instituut

Pätsi maht cm^3

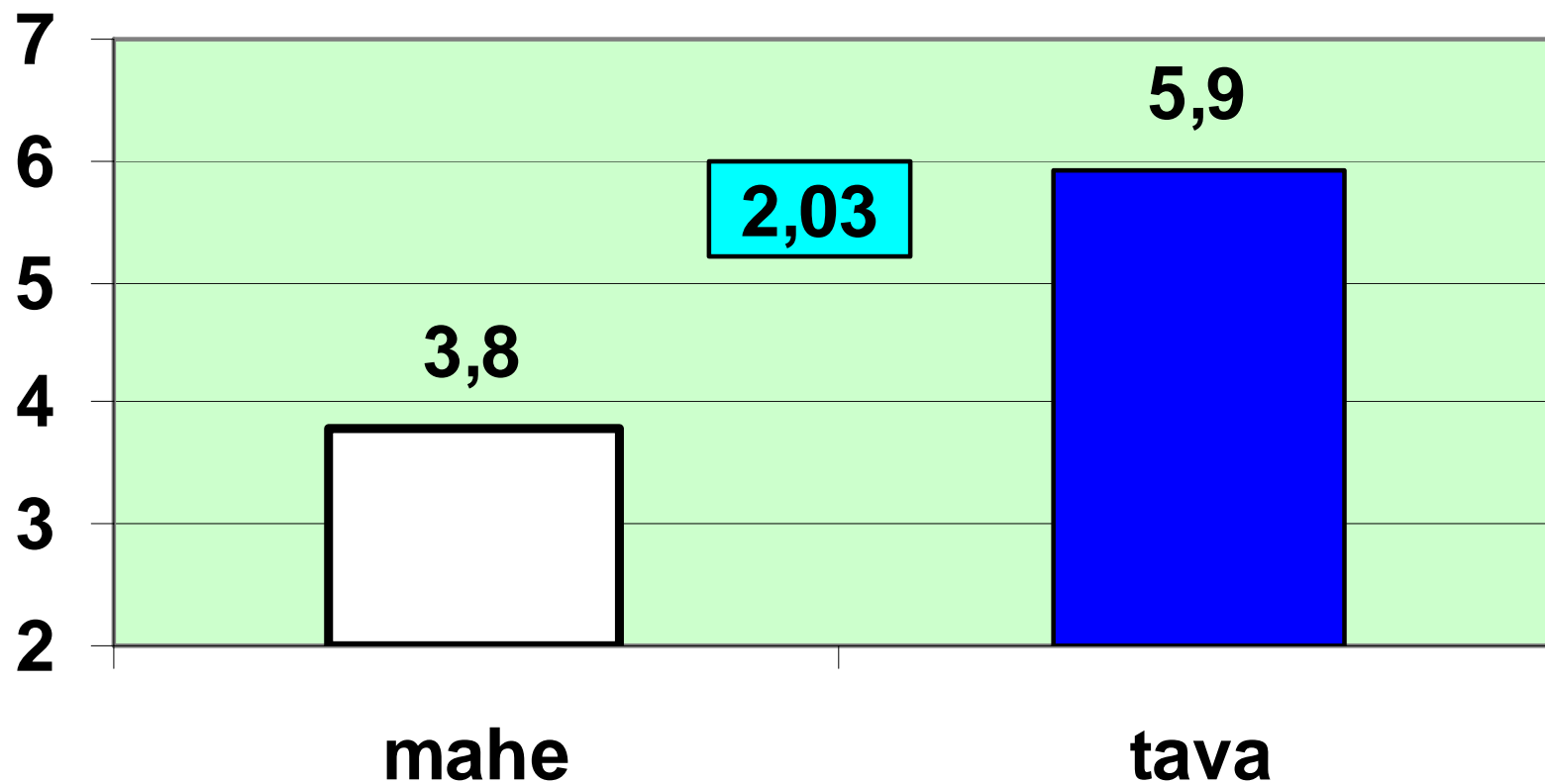


Pätsi maht cm³, sordid



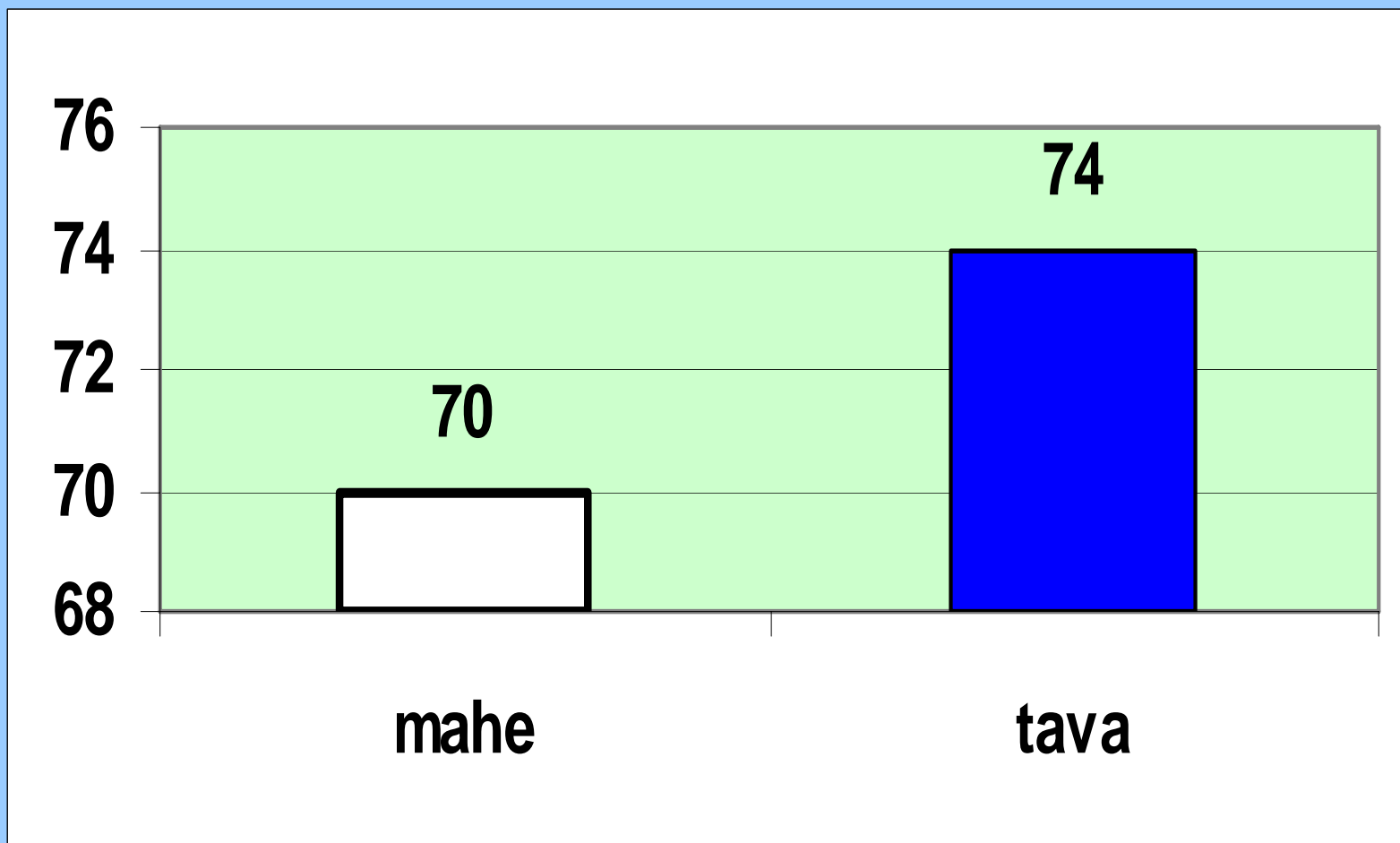
Jõgeva Sordiaaretuse Instituut

Elastsusindeks, cm



Jõgeva Sordiaretuse Instituut

Struktuuriarv



Jõgeva Sordiaretuse Instituut

Jahvatuse-küpsetuse kokkuvõte

Mahekatses 2 a keskmisena oli parem:

**+ suurem jahu väljatulek, väiksem klii osakaal,
lühem taigna moodustumise aeg,**

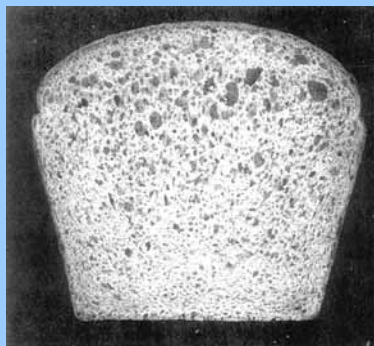
Mahetingimustes vähenes:

**- jahu veesidumisvõime, taigna stabiilsus,
pätsi maht, saia elastsus**

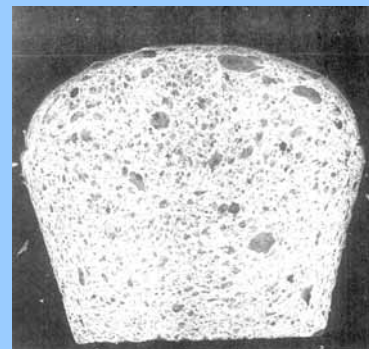


Jõgeva Sordiaretuse Instituut

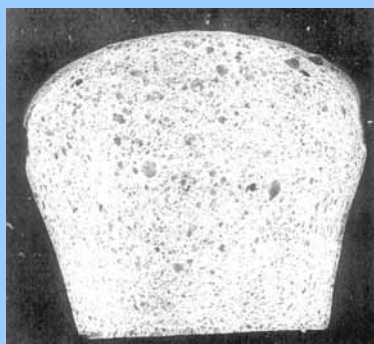
**Tava
2006**



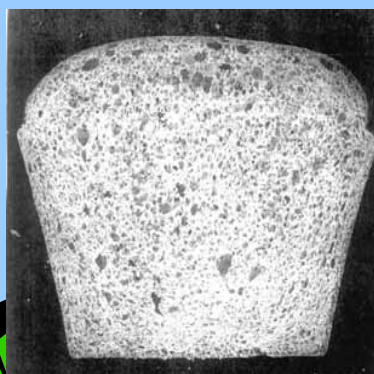
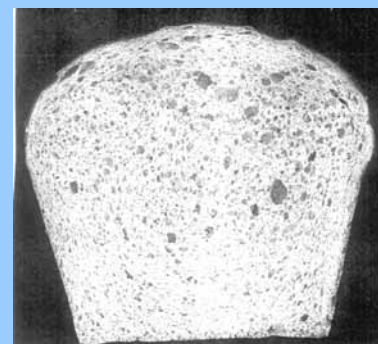
Baldus



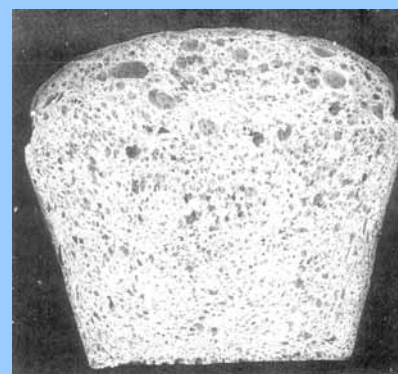
**Mahe
2006**



Manu

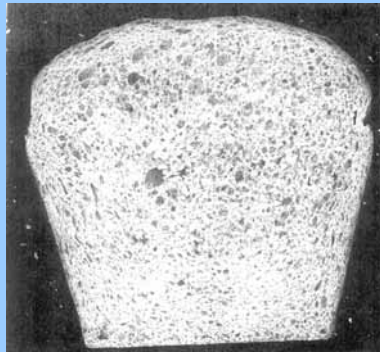


Helle

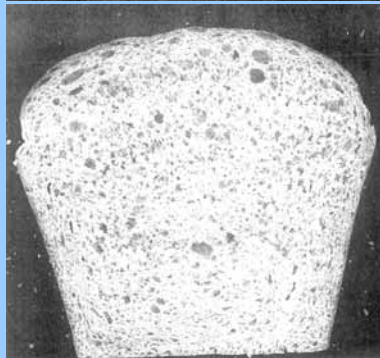


Jõgeva Sordiaretuse Instituut

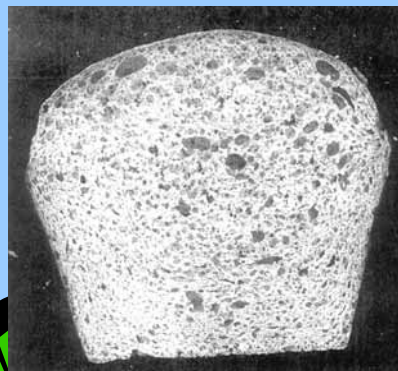
**Tava
2006**



Meri

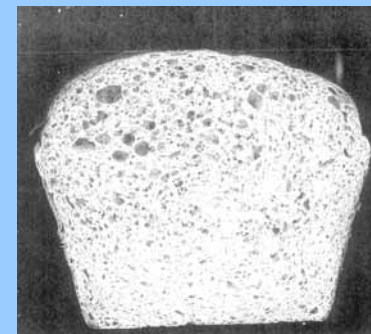
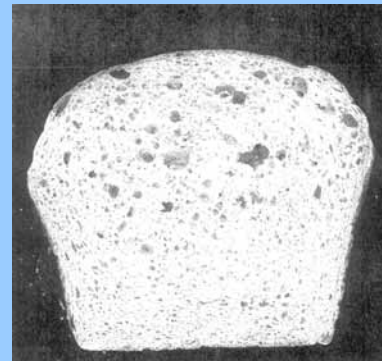
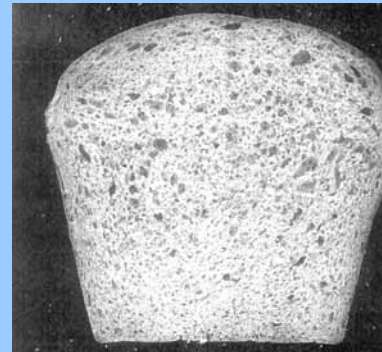


**BOJ
10102**



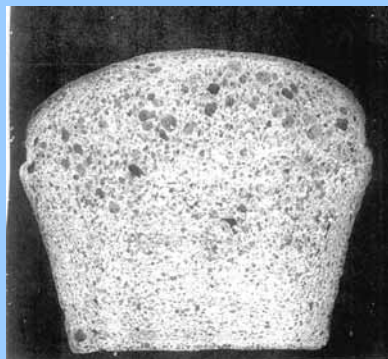
Mahti

**Mahe
2006**

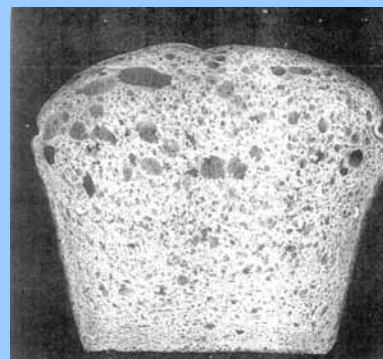


Jõgeva Sordiaretuse Instituut

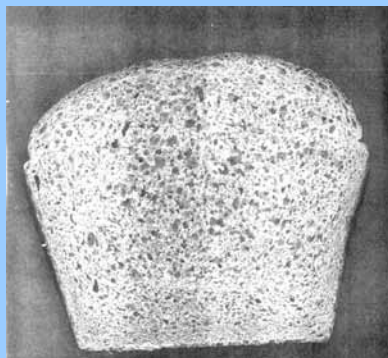
**Tava
2006**



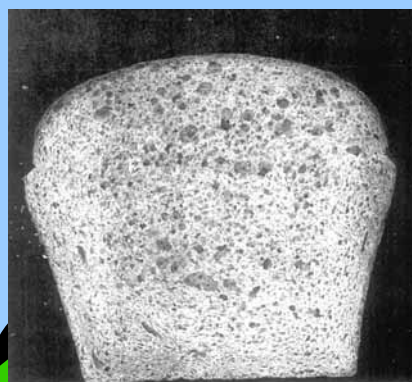
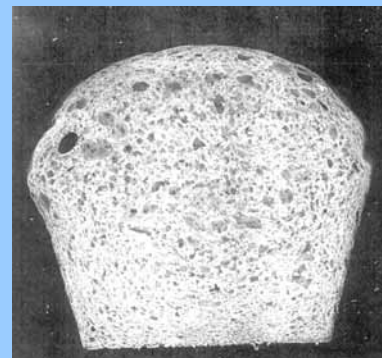
Estrad



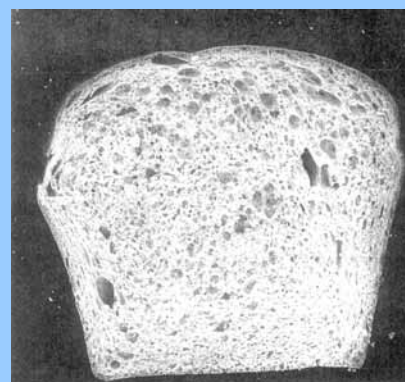
**Mahe
2006**



Monsun

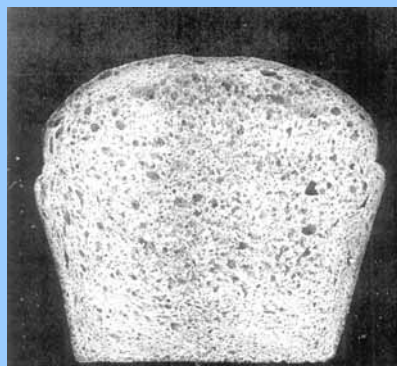


Munk

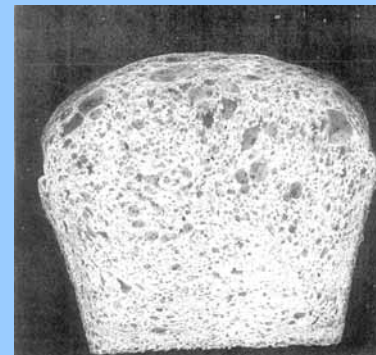


Jõgeva Sordiaretuse Instituut

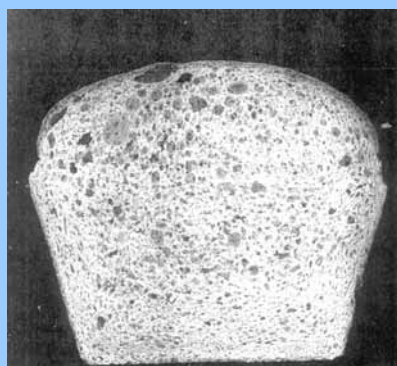
**Tava
2006**



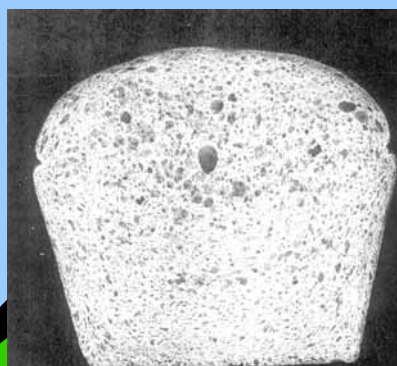
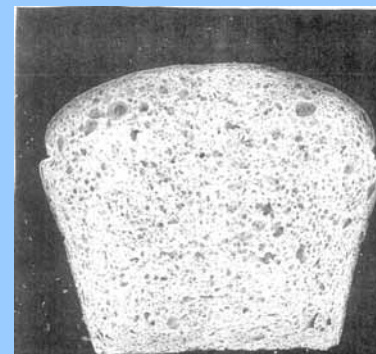
Zebra



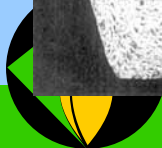
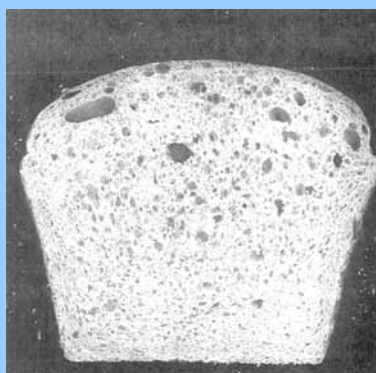
**Mahe
2006**



Tjalve

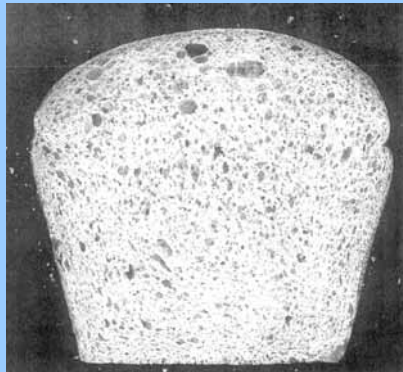


Triso

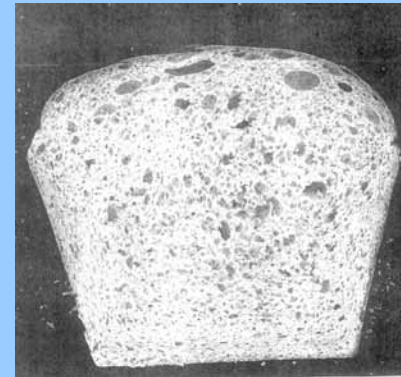


Jõgeva Sordiaretuse Instituut

**Tava
2006**



Vinjett



**Mahe
2006**



Jõgeva Sordiaretuse Instituut

TÄNAN!



Jõgeva Sordiaretuse Instituut