

*M a a t a l o u d e n
tutkimuskeskuksen
j u l k a i s u j a*

S A R J A A

2

*Aulis Järvi, Arjo Kangas,
Yrjö Salo, Heikki Talvitie,
Martti Vuorinen ja
Lea Mäkelä*

**Virallisten
lajikekokeiden tuloksia
1988–1995**



Maatalouden
tutkimuskeskus

Virallisten lajikekokeiden tuloksia 1988-1995.
Results of official variety trials 1988-1995.
Maatalouden tutkimuskeskuksen julkaisuja, sarja A, 2.

Korjaus
Correction

Sivuilla 113 ja 119 sarakkeiden otsikkojen tulisi olla seuraavassa järjestyksessä:
The column titles on pages 113 and 119 should be in following order:

Lajike	Poikkeamat mitarilajikkeen tuloksista, Differences from results of control variety					
	Ulkonäkö keitetyinä	Malto keitetyinä	Jauhoisuus	Maku	Tummunen keitetyinä	Rikki- kiehuminen raakana
Variety	Skin cooked	Colour of flesh	Mealiness	Flavour	Discoloration cooked	Sloughing raw

*Aulis Järvi, Arjo Kangas, Yrjö Salo, Heikki Talvitie
Martti Vuorinen ja Lea Mäkelä*

*Maatalouden tutkimuskeskus, Etelä-Pohjanmaan tutkimusasema,
61400 Ylistaro puh. (964) 474 0053*

Virallisten lajikekokeiden tulokset 1988–1995

Results of official variety trials 1988–1995

ISBN 951-729-466-2

ISSN 1238-9935

Copyright

Maatalouden tutkimuskeskus (MTT) 1996

Julkaisija

Maatalouden tutkimuskeskus (MTT), 31600 Jokioinen

Jakelu ja myynti

MTT, tietopalveluyksikkö, 31600 Jokioinen

Puh. (916) 41 881, telekopio (916) 418 8339

Sisäsivujen painopaperina käytetylle G-Printille on myönnetty pohjoismainen joutsenmerkki.
Kansimateriaalina käytetty Countryside on 75-prosenttisesti uusiokuitua.

Sisälyys

Content

1 VIRALLINEN LAJIKEKOETOIMINTA	5
PLANT VARIETY BOARD	8
2 KOETULOSTEN TULKINTA	5
EVALUATION OF THE TRIAL RESULTS	8
SYYSRUIS	12
WINTER RYE	12
Voima	12
SYYSVEHNÄ	16
WINTER WHEAT	16
Aura	16
Tryggve	20
KEVÄTVEHNÄ	24
SPRING WHEAT	24
Satu	24
Tjalve	28
OHRA	32
BARLEY	32
Arra	32
Arve	40
Pohto	48
Kustaa	56
Kymppi	64
KAURA	72
OATS	72
Puhti	72
Salo	76
Veli	80
HERNE	84
PEA	84
Pika	84
Tiina	88
HÄRKÄPAPU	92
BROAD BEAN	92
Hjan Ukko	92
KEVÄTRYPSI	93
SPRING TURNIP RAPE	93
Kulta	93
KEVÄTRAPSI	97
SPRING RAPE	97
Kunto	97
VARHAISPERUNA	101
EARLY POTATO	101
Hjan Timo	101

RUOKAPERUNA	110
POTATO FOR HUMAN CONSUMPTION	110
Bintje	110
Matilda	116
TIMOTEI	122
TIMOTHY	122
Hjan Tiiti	122
Iki	128
NURMINATA	134
MEADOW FESCUE	134
Boris	134
Kalevi	134
KOIRANHEINÄ	140
COCKSFOOT	140
Haka	140
Tatu	140
ENGLANNINRAIHEINÄ	146
PERENNIAL RYE-GRASS	146
Riikka	146
ITALIANRAIHEINÄ	148
ITALIAN RYE-GRASS	148
Mitos	148
PUNA-APILA	150
RED CLOVER	150
Bjursele	150
Hjan Venla	150
PUNANATA	156
RED FESCUE	156
Center	156
Ensylva	162
NIITTYNURMIKKA	168
KENTUCKY BLUEGRASS	168
Baron	168
Conni	171
RÖLLIT	174
BENTGRASSES	174
Emerald	174
Rasti	174

1 Virallinen lajikekoetoiminta

Virallisen lajiketoiminnan tehtävänä on selvittää uusien peltokasvilajikkeiden viljelyarvo ennen niiden viljelyyn ottamista. Peltokasvien viralliset lajikekokeet järjestää Maatalouden tutkimuskeskus. Lajikekokeita on tärkeimmillä viljelykasveilla eri puolilla maata, vähintään kahden vuoden ajan ennen lajikkeen viljelyyn ottamista. Virallista lajikekoetoimintaa johtaa Maatalouden tutkimuskeskuksen Länsi-Suomen tutkimusyksikkö.

Viralliset lajikekokeet ovat perusta peltokasvien lajikkeista annettavalle tiedolle. Uusien lajikkeiden viljelyarvo tutkitaan alustavissa ja virallisissa lajikekokeissa. Taivoitteena on selvittää lajikkeen viljelyvarmuus, satoisuus ja laatu perusteellisiin tutkimuksiin. Nykyisin virallinen lajiketoiminta on maksullista tilaustutkimusta. Kasvinjalostuslaitos tai lajikkeen omistaja ilmoittaa lajikkeen kokeisiin ja vastaa kokeiden kustannuksista. Lajike on virallisissa kokeissa vähintään kaksi vuotta tai kunnes se hyväksytään Maa- ja metsätalousministeriön kasvilajikeluetteloon. Tämän jälkeen lajike on vielä kokeissa 2–3 vuotta neuvonnan tarpeita varten. Lajikkeen kokeilu virallisissa lajikekokeissa kestää yhteensä 4–16 vuotta.

Virallisia lajikekokeita järjestetään tärkeimmillä viljelykasveilla. Lajikekoeket tehdään kunkin lajin ja lajikkeen viljelyyn soveltuvalla alueella. Esimerkiksi kevätvehnän lajikekokeita on vain Etelä-Suomessa. Ohran lajikekokeita on vastaavasti mallasohraa lukuunottamatta koko maassa. Lajikekoeket ovat käytännön viljelyä vastaavia kenttäkokeita. Virallisia lajikekokeita on ollut kaikkiaan 18 koepaikalla (Kuva 1). Virallisia lajikekokeita ovat suorittaneet MTT:n toimeksiannosta ja valvonnassa myös BOREAL Suomen Kasvinjalostus Oy, K-ryhmän opetus- ja koetila, Mildola Oy, Kemira Agro Oy ja Sokerijuurikkaan tutkimuskeskus. Koe-

paikkojen osalta on meneillään siirtymävaihe, jolloin monivuotiset kokeet saatetaan päätökseen nykyisillä koepaikoilla. Sen jälkeen jalostajat ja lajikkeiden maahantuojat eivät voi osallistua virallisten lajikekoekiden järjestämiseen.

Maa- ja metsätalousministeriön kasvilajikeluetteloon otettavat lajikkeet päätetään virallisten lajikekoekiden tulosten perusteella. Kasvilajikeluettelossa pidettävistä lajikkeista päättää Maa- ja metsätalousministeriön Kasvilajikelautakunta. Kasvilajikeluettelo julkaistaan vuosittain. Nykyisin se on luettelo lajikkeista, joiden markkinointi on sallittua maassamme. Lajikkeiden vyöhyke- ja viljelysuositukset julkaistaan erikseen joko valtakunnallisina yhteenvedoina tai alueellisina tiedotteina.

2 Koetulosten tulkinta

Tässä vuosittain julkaistavassa virallisten lajikekoekiden tulostiedotteessa on esitetty tulokset vuosilta 1988-95. Lajikkeiden vertailun perustana on aina mittarilajike, johon muita lajikkeita verrataan. Tulokset osoittavat lajikkeen menestymisen parivertailuna mittarilajikkeeseen verrattuna. Mittarilajikkeiksi on valittu tärkeimpiä yleislajikkeita. Mittarilajikkeen tulokset ovat keskiarvo kaikista kokeista, joissa se on ollut mukana. Muiden lajikkeiden tulokset ovat poikkeamia mittarin tuloksista niissä kokeissa, joissa lajike on ollut samanaikaisesti mittarilajikkeen kanssa. Parivertailusta johtuen tulostaulukon lajikkeita ei voida verrata suoraan keskenään, koska tulokset eivät ole peräisin tarkalleen samoista kokeista.

Yhteenvedoissa on mukana satotulokset viljelyvyöhykkeen, maalajin ja koevuoden mukaan ryhmiteltynä. Nurmikasvien satotulokset on lisäksi laskettu nurmen iän mukaan eriteltynä. Koetulosten lukumäärä on ilmoitettu vain satotulosten osalta.

Ohran koemaiden maa-analyysi ja viljavuustiedot on esitetty maalajeittain (Taulukko 1). Lajikkeiden viihtyvyyttä ja

happamuuden sietokykyä voi tarkastella maalajin mukaan ryhmitellyistä tuloksista. Ohran liejusaven kokeet ovat happamuu-
densietokokeita, joissa maan pH ja vilja-
vuus on erityisen alhainen.

Seuraavassa esitetään tulostaulukoiden tulkintaan liittyviä yksityiskohtaisia ohjeita.

Viljelyvyöhyke-sarake osoittaa alueen, jolta tulokset on laskettu. Laskentaan ei ole otettu tuloksia mittarin viljelyaluetta pohjoisempaa.

Kokeita (kpl) ilmoittaa, kuinka monessa kokeessa lajike on ollut samanaikaisesti mittarin kanssa.

Sato (kg/ha) on lajikkeen keskimääräinen sato niistä kokeista, joissa se on ollut mittarin kanssa samanaikaisesti.

Suhdeluku (Sl) on lajikkeen keskimääräisen suhteellinen sato verrattuna mittarin satoon.

Talvituho (%) talvituhon keskimääräinen osuus kasvustosta, 100=täysin tuhoutunut.

Lako (%) kasvuston keskimääräinen lakoutumisaste, 100=täysin lakoutunut.

Kasvuaika (vrk) kylvöstä keltatuleentumiseen.

Korkeus (cm) kasvuston keskimääräinen korkeus.

1000-jyvän paino (g) sadon 1000-siemenen paino.

Hehtolitraino (kg) sadon tilavuuspaino.

Valkuaispitoisuus (%) sadon valkuaispitoisuus kuiva-aineesta.

Kuori (%) kauran kuoren osuus sadosta.

Sakoluku 1 sakoluku normaalina viljan-
korjuuaikana.

Sakoluku 2 sakoluku 1–3 viikon kuluttua
normaalista korjuuajankohdasta.

Valkuaissato (kg/ha) valkuaisen määrä
kuiva-aineesta.

Öljypitoisuus (%) sadon öljypitoisuus
kuiva-aineesta.

Öljysato (kg/ha) öljysadon määrä
kuiva-ainesadosta.

Lehtivihreäpitoisuus (ppm) siementen
öljyn lehtivihreäpitoisuus mg/kg.

Keitto 60 min (%) pehmenneiden herneiden
osuus tunnin keittajan jälkeen.

Lentonoki (kpl/10m²) nokitähkien keskimääräinen lukumäärä kasvustossa.

Peruna

Tärkkelys (%). Perunan tärkkelyspitoisuus ilmoitetaan EU:ssa käytössä olevalla asteikolla, joka antaa hieman alempia arvoja kuin vuoteen 1994 saakka käytössä ollut asteikko.

Kauppakelpoinen sato (%) on ulkoisen laadun arvostelussa luokkaan terveet sijoitettu kokoluokan 35–70 mm:n sato. Vaatimukset vastaavat ulkoisen laadun osalta lähinnä ruokaperuna-asetuksen erikoisluokan perunan laatuvaatimuksia. Vuoteen 1994 saakka samaa asiaa kuvasi muuttuja 'ensimmäisen luokan sato'. Hieman erilaisesta määrittäytavasta huolimatta vanhoja tuloksia on käytetty hyväksi näissä tulosityhdistelmissä.

Myöhäisyys (1–9) 9 = täysin tuleentunut. Myöhäisyys on kokeissa arvioitu kolmasti 15.8. alkaen 10 vuorokauden välein. Tässä tiedotteessa on esitetty ensimmäisen ja kolmannen havaintokerran tulokset. Vuonna 1994 ja aikaisemmin tehdyt myöhäisyyshavainnot on kolmannen havaintokerran aineistona.

Mukulan ominaisuuksia ja ulkonäköä kuvaavat ominaisuudet arvostellaan asteikolla 1–9 seuraavasti:

Ulkonäkö kuorineen. 9 = paras ulkonäkö, 1 = kuori pilalla.

Mukulan pyöreys. 9 = pyöreä mukula, 1 = litteä mukula.

Mukulan litteys. 9 = mukulan poikkileikkaus pyöreä, 1 = mukulan poikkileikkaus litteä.

Mukulan sileys. 9 = sileä mukula, 1 = hyvin syväsilmuinen ja/tai kyhmyinen mukula.

Mukulamuodon säännöllisyys. 9 = mukulamuoto säännöllinen, vähiten vaihteleva, 1 = hyvin vaihteleva mukulamuoto.

Ulkoisen laadun arviointi on uusittu kokonaan. Nyt määritetään eri tavalla vioituneiden mukuloiden osuus paino-

prosentteina. Yksittäinen mukula luetaan kaikkien niiden vioitustyyppien ryhmään, joita siinä esiintyy.

Mukulat jaotellaan terveisiin (mukulat, joissa ei ole hylkäystä aiheuttavaa vikaa tai virhettä) ja seuraaviin vioitustyyppien mukaisiin luokkiin:

Rupi (yli 10 % mukulan pinnasta)

Mukularutto.

Muut sienimädät.

Bakteerimädät.

Mekaaniset pintaviat (kuori vahingoittunut ja vika ei poistu normaalissa kuorinnassa).

Mekaaniset maltoviat (ehyyn kuoren alla olevat mekaaniset vauriot, jotka eivät poistu normaalissa kuorinnassa).

Nestejännityshalkeamat (vioitus ei poistu normaalissa kuorinnassa).

Korkkiutuneet halkeamat (vioitus ei poistu normaalissa kuorinnassa).

Ontot ja keskeltä ruskettuneet.

Epämuotoiset (lajikkeelle ominaisen muodon poikkeama, joka aiheuttaa vaikeuksia konekuorinnassa; korjaaminen leikkaamalla aiheuttaa yli 25 % tappion).

Mallon värivirheet (mallon värimuutos, joka ei aiheudu mekaanisesta syystä. Tähän

ryhmään luetaan myös maltokaariviruksen aiheuttamat vioitukset ja johtojänneviat).

Vihertyneet.

Paletuneet.

Muut viat (perunan kauppakelpoisuuteen vaikuttava vika, joka ei lukeudu mihinkään edellä mainittuun ryhmään).

Keittolaadun muuttujat arvostellaan asteikolla 1–9 seuraavasti:

Ulkonäkö keitettynä. 9 = erinomainen.

Mallon väri keitettynä. 9 = tumman keltainen, 7 = keltainen, 5 = vaalean keltainen, 3 = valkoinen, 1 = harmaan kirjava.

Jauhoisuus. 9 = suurin jauhoisuus.

Maku. 9 = paras maku.

Tummuminen keitettynä. 9 = pienin tummuminen.

Raakatummuminen. 9 = pienin raakatummuminen.

Rikkikiehuminen. 9 = pienin rikkikiehuminen.

Tilastollinen merkitsevyys:

parivertailu: mittarilajike - verrannelajike

* = merkitsevä ero

** = hyvin merkitsevä ero

*** = erittäin merkitsevä ero

Taulukko 1. Ohran koemaiden viljavuustulokset maalajin mukaan.

Table 1. Soil fertility of trial sites according to soil.

	pH	Ca	K	P	Mg
		mg/l			
Karkeat kivennäismaat					
Coarse mineral soils	6,2	1364	191	16,1	129
Savimaat					
Clay	6,5	2291	265	16,0	358
Liejusavi					
Gyttja clay	5,3	957	214	12,2	150
Multamaat					
Organic soils	5,8	2355	190	8,2	236
Turvemaat					
Peat soils	5,1	2013	103	6,7	238

1 PLANT VARIETY BOARD

The task of the Plant Variety Board is to determine the value of new field crop varieties before they are released. The official variety trials of field crops are arranged by the Agricultural Research Centre of Finland. Variety trials of the most important plants are conducted around Finland for more than two years before they are released. The official variety trial operations are organised by the Western-Finland Research Unit of the Agricultural Research Centre of Finland.

The official variety trials form a basis for the provision of information on the value of field crops. The value of new varieties is evaluated in preliminary and official variety trials. The aim is to determine the cultivation stability, yield potential and quality by thorough studies. Nowadays official variety trials are carried out to order and a charge is made. The Plant Breeding Institute or the owner of the variety enters the variety for the trials and covers the expenses related to the trials. The variety undergoes official trials for at least two years or until it is entered in the National List of Cultivars of the Ministry of Agriculture and Forestry of Finland. Thereafter the variety undergoes trials for another 2-3 years to collect information for growers. Altogether the testing of a variety in official variety trials lasts a total of 4 to 6 years.

Official variety trials are arranged for the most important cultivated crops. The variety trials take place in areas suitable for the cultivation of the crop in question. For instance, variety trials on spring wheat are conducted only in South-Finland, whereas variety trials on barley, except for malt barley, are arranged all over the country. The variety trials are field trials which simulate practical cultivation. Official variety trials have been conducted at a total of 18 trial sites (Fig. 1). In addition, official

variety trials have been conducted by BOREAL Plant Breeding of Finland, the Educational and Experimental Farm of the K-Group, Mildola Oy, Kemira Agro Ltd and the Sugar Beet Research Centre of Finland to order and under supervision of the Agricultural Research Centre of Finland. The trial sites are undergoing a transition period; trials lasting several years will be concluded at their current sites. Thereafter breeders and importers of varieties will no longer be able to participate in the arrangement of official variety trials.

Decisions on the inclusion of varieties in the National List of Cultivars of the Ministry of Agriculture and Forestry of Finland are based on the results of the official variety trials. The Plant Variety Board of the Ministry of Agriculture and Forestry of Finland decides which varieties are retained on the National List of Cultivars. The list is published annually. Nowadays it is a list of the varieties which are permitted to be marketed in Finland. The zone and cultivation recommendations are published separately either as national summaries or as a regional bulletin.

2 EVALUATION OF THE TRIAL RESULTS

In the annually published bulletin presenting the results of the official variety trials, the results from earlier years are also given for comparison. The results show the success of the variety measured in relation to a reference variety. Major commonly cultivated varieties are used as the reference varieties. The results for the reference varieties are a mean of all the trials the variety has been included in. The results for the other varieties are given as deviations from the results for the reference variety in those trials where the variety has been included at the same time as the reference

variety. Because of this pair comparison, the varieties on the list cannot be compared directly with each other, since the results are not from exactly the same trials.

The summaries include also yields according to cultivation zone, soil and trial year. The yields of grasses have in addition been calculated according to the age of the lay. The number of trial results is given only for yields.

Information concerning the soil analysis and fertility of the trial sites is given classified according to soil (Table 1). The adaptability of varieties and their resistance to acidity can be evaluated from the results classified according to the soil. The barley trials on gyttja clay are trials of acidity resistance where the pH and the fertility of the soil are particularly low.

Detailed instructions on how to interpret the result tables are given in the following:

The cultivation zone column shows the area from which the results have been calculated. The calculations do not include results further north than the cultivation area of the reference.

Trials (no) shows the number of trials the variety has been included in at the same time as the reference variety.

Yield (kg/ha) is the average yield of the variety from those trials it has been included in at the same time as the reference.

Rel. is the average relative yield of the variety compared with the yield of the control variety.

Winter damage (%) is the average proportion of winter damage of the stand, 100 = total loss.

Lodging (%) is the average degree of lodging in the stand, 100 = completely lodged.

Growing time (days) is the time from sowing to yellow ripening.

Length (cm) is the average length of the stand.

1000-seed weight (g) is the weight of 1000 seeds of the yield.

Hectolitre weight (Hl-weight, kg) is a weight per 100 litres of the yield.

Protein content (%) is the protein content of dry matter of the yield.

Hull (%) is the proportion of oat hull of the yield.

Falling number 1 is the falling number at the normal harvesting time for cereals.

Falling number 2 is the falling number 1–3 weeks after the normal harvesting time.

Protein yield (kg/ha) is the amount of protein in the dry matter.

Oil content (%) is the oil content of the dry matter.

Oil yield (kg/ha) is the amount of the oil yield of the dry matter.

Chlorophyll content (ppm) is the chlorophyll content (mg/kg) in the seed oil.

Cooking 60 min (%) is the proportion of soft peas after one hour of cooking.

Loose smut (pcs/10m²) is the average number of smutted grains in the stand.

Potato

Starch (%). The starch content of potato is given on the scale used by the EC which gives slightly lower values than the scale used until 1994.

Marketable yield (%) is the yield classified in the external quality evaluation as healthy, size class 35–70 mm. In terms of external quality the requirements correspond mainly to those of the special class in the Finnish Potato Decree. Until 1994, the same thing was described by the variable 'first class yield'. Despite the slightly different manner of determination, the old results have been used in these pooled results.

Maturity (1–9) 9 = completely ripe. In the trials, lateness was evaluated three times at intervals of three days starting 15 August. In this bulletin the results of the first and third observations are given. The lateness observations given for 1994 and before are material from the third observation.

The properties and tuber appearance are described on a scale of 1 to 9 as follows:

Smoothness of skin. 9 = best appearance, 1 = skin spoiled.

Tuber shape. 9 = round tuber, 1 = flat tuber.

Flatness of tuber. 9 = cross section of tuber round, 1 = cross section of tuber flat.

Shallowness of eyes. 9 = smooth tuber, 1 = very deep eyes and/or knobby tuber.

Uniformity of tuber shape. 9 = tuber shape regular, least variable, 1 = tuber shape very variable.

The evaluation of external appearance has been changed totally. Now the proportion of tubers damaged in different ways is evaluated as a percentage of the weight. Each individual tuber is included in all the damage groups it represents.

The tubers are divided into healthy tubers (tubers which have no injuries or defects causing rejection) and into the following groups according to type of damage:

Common scab. (over 10% of the tuber surface).

Tuber blight.

Other fungal disease.

Bacterial disease.

Mechanical damage (skin damaged and the injury is not removed by normal peeling).

Internal bruising (internal bruising which is not removed by normal peeling).

Harvest crack (injury which is not removed by normal peeling).

Growth crack (injury which is not removed by normal peeling).

Hollow heart hollow and dark heart.

Deformations (deviation from the form typical of the variety which causes difficulties in mechanical peeling; correction by cutting causes a loss of over 25%).

Discoloration (discoloration of flesh which is not due to a mechanical reason. Injuries caused by mop top virus are also included in this group).

Sun greening.

Frost damage.

Other defects (a defect affecting the marketability of the potato not included in any of the above mentioned groups).

Variables describing the quality after cooking are evaluated on a scale of 1 to 9 as follows:

Skin cooked. 9 = excellent.

Colour of flesh. 9 = dark yellow, 7 = yellow, 5 = light yellow, 3 = white, 1 = variegated grey.

Mealiness. 9 = highest mealiness.

Flavour. 9 = best taste.

Discoloration cooked. 9 = least discoloured.

Discoloration fresh. 9 = least discoloured.

Sloughing. 9 = least sloughed.

Statistical significance:

Paired comparison: control variety vs. variety under test

* = significant difference

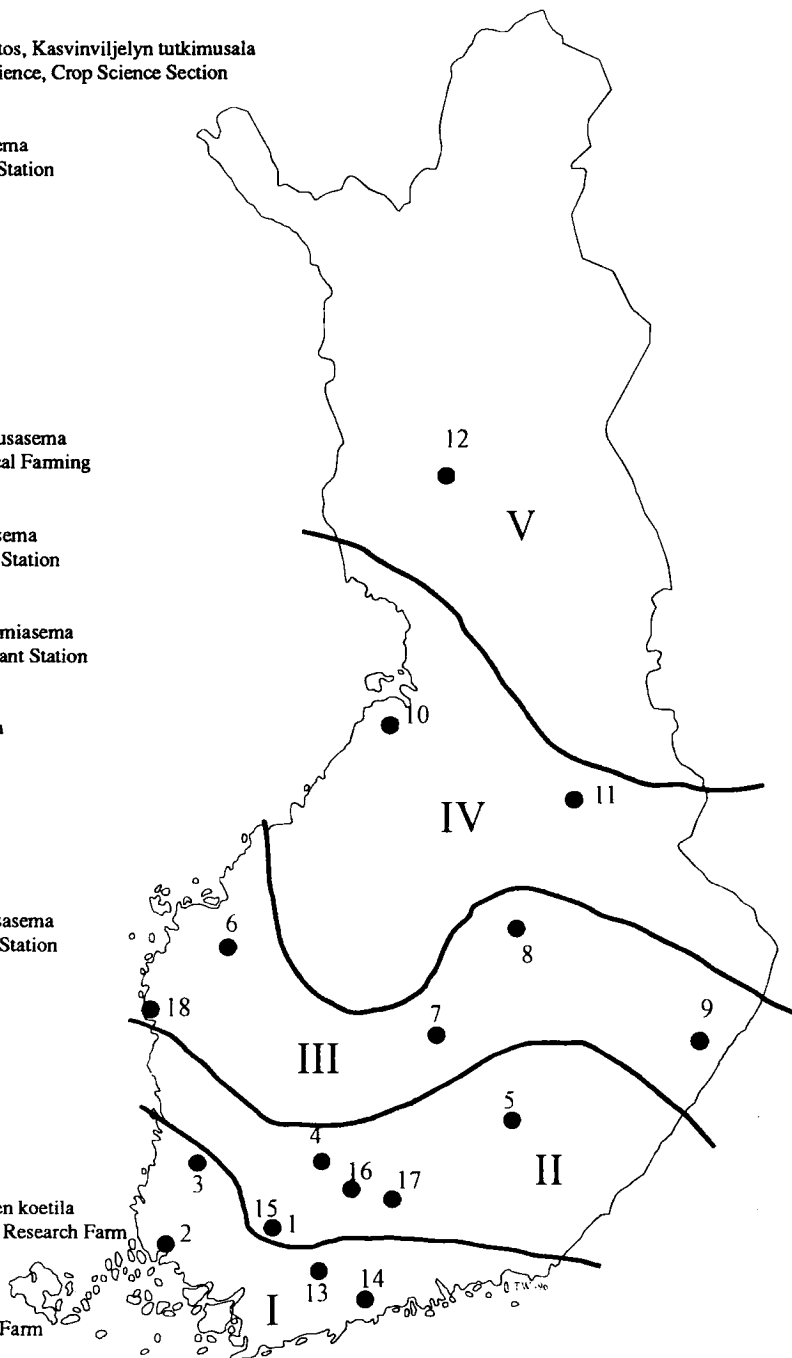
** = very significant difference

*** = highly significant difference

Viralliset lajikekokeet, koepaikat ja vyöhykkeet

Official variety trials, experimental places and zones

1. Kasvintuotannon tutkimuslaitos, Kasvinviljelyn tutkimusala
Institute of Crop and Soils Science, Crop Science Section
JOKIOINEN
2. Lounais-Suomen tutkimusasema
Southwest Finland Research Station
MIETOINEN
3. Satakunnan tutkimusasema
Satakunta Research Station
KOKEMÄKI
4. Hämeen tutkimusasema
Häme Research Station
PÄLKÄNE
5. Ekologisen tuotannon tutkimusasema
Research Station for Ecological Farming
MIKKELI
6. Etelä-Pohjanmaan tutkimusasema
South Ostrobothnia Research Station
YLISTARO
7. Laukaan tutkimus- ja valiotaimiasema
Laukaa Research and Elite Plant Station
LAUKAA
8. Pohjois-Savon tutkimusasema
North Savo Research Station
MAANINKA
9. Karjalan tutkimusasema
Karelia Research Station
TOHMAJÄRVI
10. Pohjois-Pohjanmaan tutkimusasema
North Ostrobothnia Research Station
RUUKKI
11. Kainuun tutkimusasema
Kainuu Research Station
SOTKAMO
12. Lapin tutkimusasema
Lapland Research Station
ROVANIEMI mlk
13. Kemira Agro Oy, Kotkaniemen koetila
Kemira Agro Oy, Kotkaniemi Research Farm
VIHTI
14. Mildola Oy, Anttilan koetila
Mildola Oy, Anttila Research Farm
TUUSULA
15. Boreal Suomen Kasvinjalostus
Boreal Finnish Plant Breeding
JOKIOINEN
16. Hahkiala, K-ryhmän opetus- ja koetila
Hahkiala, Training and Research Farm
HAUHO
17. Perunantutkimuslaitos
Potato Research Institute
LAMMI ja/and
18. KRISTIINANKAUPUNKI



Syysruis, 1988-1995, Viralliset kokeet
Winter rye, *Secale cereale* L., 1988-1995, Official variety trials

Poikkeamat mitarilajikkeiden tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Talvi- tuho-%	Lako- %	Kasvu- aika pv	Tjpp g	Korren pituus	Hlp kg	Valk.- %	Sako- luku 1	Sako- luku 3
Variety	Cultivation zone	Yield kg/ha	Winter damage %	Lodging- %	Growing time d	1000 seed weight g	Length cm	HI weight kg	Prot.- %	Falling number 1	Falling number 3
VOIMA	=C	3928	14	58	346	28.9	148	71.6	11.6	136	79
AKUSTI	1-3	4238	0	-21***	1***	-4	-13***	1.7***	-.4***	-2	17
AMILO	1-3	4489	15***	-28***	3***	6.4***	-21***	2.7***	-.7***	37***	31**
ANNA	1-2	4143	2	-9***	1***	2.3***	-2	-.4*	-.3***	-14***	-6
HJAN JUSSI	1-3	3572	-1	-8***	0	-3.1***	-4***	-.8***	.6***	-1	-5
KARTANO	1-2	4049	3	-16***	0	.0	-4**	-.5**	.0	-9**	-7*
PONSI	1-1	4492	3	-2	1*	-1	-12***	-.2	-.8*	17*	19
MARDER	1-2	5338	17	-34***	2***	4.0***	-34***	3.0***	-1.5***	14	18
SAMPO	1-3	3753	-4*	9**	-1***	-2.0***	6***	.6***	.7***	14***	1
JO 8708	1-3	4324	5**	-13**	2***	4.4***	-3	.6*	-.6***	-16**	6
BOR 8242	1-3	4521	-5	-11	1	3.1***	-3	.2	-.7**	-11	-4
BOR 8802	1-3	4585	1	-1	0	3.3***	-3*	.5	-.9**	-23	0
LPH 27	1-3	5909	16	-24**	3**	5.7***	-30***	3.1***	-2.2***	29	15

Syysruis, 1988-1995, Viralliset kokeet: Luokittelu maalajittain
Winter rye, *Secale cereale* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Eloperäiset maat	
	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Coarse mineral soils		Clay		Organic soils	
	trials	kg/ha	rel.	trials	kg/ha	rel.
=C						
VOIMA	16	3699	100	58	3996	100
AKUSTI	14	4207	109	47	4271	106***
AMILO	6	3762	101	36	4610	115***
ANNA	11	4115	106	50	4128	106***
HJAN JUSSI	15	3581	93	51	3574	92***
KARTANO	10	4083	107	50	4012	102
PONSI	3	4198	105	7	4431	104
MARDER	2	6745	141	12	5236	118*
SAMPO	7	3490	98	33	3816	97
JO 8708	4	3431	100	18	4522	108**
BOR 8242	1	2264	133	9	4772	111**
BOR 8802	1	2280	134	7	4914	109**
LPH 27	1	873	51	7	6629	147***

Syysruis, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
Winter rye, Secale cereale L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Etelä-Suomi		Länsi-Suomi		Sisä-Suomi	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Southern Finland		Western Finland		Inner Finland	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
VOIMA	26	4030 100	27	3942 100	22	3790 100
AKUSTI	24	4325 108**	19	4053 103	19	4313 107
AMILO	15	4639 116**	16	4674 114*	11	4016 107
ANNA	24	4230 105	24	3987 106**	14	4146 108*
HJAN JUSSI	24	3737 93**	24	3464 92***	19	3501 92**
KARTANO	24	4077 101	24	3941 102	13	4045 107*
PONSI	7	4679 107	1	3180 89	2	3840 99
MARDER	6	5075 120	5	5207 112	3	6613 141
SAMPO	12	4050 97	18	3647 97	11	3601 98
JO 8708	6	4595 108*	8	4564 109*	8	3881 103
BOR 8242	2	4550 109	5	4704 111	3	4198 115**
BOR 8802	2	4640 111	3	4907 105	3	4227 116**
LPH 27	2	5835 140*	3	7460 159*	3	4408 121

Syysruis, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Winter rye, *Secale cereale* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991		V 1992		V 1993		V 1994		V 1995	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
	Year 1991		Year 1992		Year 1993		Year 1994		Year 1995	
Variety	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	11	3959 100	10	3632 100	7	3403 100	7	4569 100	9	4311 100
VOIMA	11	4403 111**	9	3851 107	0	0	7	4777 105	8	4458 107*
AKUSTI	11	4613 117*	10	3550 98	7	3664 108	6	5103 117	6	5492 122**
AMILO	10	4331 109*	10	3996 110**	5	4049 100	5	4206 101	2	4195 109
ANNA	11	3600 91*	10	3596 99	7	2997 88*	7	4024 88*	1	3020 84
HJAN JUSSI										
KARTANO	11	4120 104	9	3781 101	5	4269 106	4	4122 101	3	4430 103
PONSI	0	0	0	0	0	0	2	4280 93	1	3180 89
MARDER	0	0	1	7900 158	3	5316 122	4	4319 99	6	5867 129**
SAMPO	8	3556 93	7	4171 107	0	0	0	0	0	0
JO 8708	0	0	0	0	7	3511 103	7	4904 107	8	4528 109*
BOR 8242	1	4460 129	0	0	0	0	0	0	8	4544 109**
BOR 8802	0	0	0	0	0	0	0	0	8	4585 110**
LPE 27	0	0	0	0	0	0	0	0	8	5909 142**

Syysvehnä, 1988-1995, Viralliset kokeet
Winter wheat, *Triticum aestivum* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Talvi- tuho-%	Lako- %	Kasvu- aika pv	Pituus cm	Tipp g	Hlp kg	Valk.- %	Sako- luku 1	Sako- luku 3
Variety	Cultivation zone	Yield kg/ha	Winter damage %	Lodging- %	Growing time d	Length cm	1000 seed weight g	HL weight kg	Prot.- %	Falling number 1	Falling number 3
AURA	=C	49	16	41	338	97	41.3	79.2	11.9	288	174
OTSO	1-2	46	0	-1	0	4***	-1.2**	.3	.1	11	10
PITKO	1-1	37	1	0	-2***	1	1.9***	-1.4***	.8***	4	-56*
HJAN ILVES	1-2	43	-1	-15***	-2***	-2**	.3	2.1***	.4***	28**	-1
VAKKA -71	1-1	21	-2	20***	-5***	2	-3.1***	-.2	.7***	33	-8
TRYGVE	1-2	14	3	-26*	5***	-7***	4.3***	-.8	-1.0**	-32	57
TJELVAR	1-2	26	1	-26***	5***	-5***	3.0***	1.8***	.2	-45*	16
FOLKE	1-2	11	-1	-13*	5***	0	1.9**	-.3	-1.1**	-51	4
KOSACK	1-1	8	5	-33*	5***	-4	2.2**	2.3	-1.4*	-25	73
ULRIKA TRIC.	1-2	4	0	-46	5*	-11*	9.3	-2.6*	-1.9*	-262**	-30
JO 6472	1-2	8	-6	2	2**	5***	1.3	-.7	.3	-57**	-67
BOR 5456	1-2	7	-3	-15	2**	0	-1.4	.9	.1	-2	52
BOR 8488	1-2	4	-1	-9	3**	6**	-1.3	.0	-.3	-61	7
WW 40397	1-2	4	0	-52	7*	-9*	2.2	-.4	-1.4	-54*	171

Syysvehnä, 1988-1995, Viralliset kokeet: Luokittelu maalajeittain
 Winter wheat, *Triticum aestivum* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maat		Savimaat		Liejusavi		Eloperäiset maat	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay		Gytja-clay		Organic soils	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
AURA	6	5105 100	41	4868 100	1	3270 100	0	0
OTSO	6	5398 106	38	4807 101	1	3480 106	0	0
PITKO	6	5130 100	39	4615 97	1	3650 112	0	0
HJAN ILVES	5	4890 96	36	4535 96	1	3760 115	0	0
VAKKA -71	4	4703 95	25	4248 93*	1	3210 98	0	0
TRYGVE	1	5200 103	12	5314 109*	0	0	0	0
TJELVAR	2	5595 102	23	5430 113***	0	0	0	0
FOLKE	2	4580 106	8	4706 120**	1	4150 127	0	0
KOSACK	2	4540 105	10	4932 123**	1	4070 124	0	0
ULRIKA TRIC.	0	0	4	6580 133	0	0	0	0
JO 6472	0	0	7	4933 99	0	0	0	0
BOR 5455	0	0	7	5161 105	0	0	0	0
BOR 8483	0	0	4	5053 102	0	0	0	0
WW 40397	0	0	4	5960 120	0	0	0	0

Syysvehnä, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Winter wheat, *Triticum aestivum* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2	
	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2	
	trials	kg/ha rel.	trials	kg/ha rel.
AURA	38	4816 100	11	5015 100
OTSO	36	4856 101	10	4818 102
PITKO	37	4659 97	10	4570 96
HJAN ILVES	33	4584 97	10	4531 96
VAKKA -71	21	4221 93*	9	4397 95
TRYGGVE	11	4943 111*	3	6549 103
TJELVAR	22	5325 112**	4	5710 105
FOLKE	8	4546 112**	3	4863 132*
KOSACK	8	4427 109*	5	5412 137**
ULRIKA TRIC.	3	5807 144	1	8900 115
JO 6472	6	4322 98	2	6840 101
BOR 5456	3	3933 98	4	6083 109
BOR 8488	3	4203 104	1	7600 98
WW 40397	3	4923 122	1	9070 117

Syysvehnä, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Winter wheat, *Triticum aestivum* L., 1991-1995, Official variety trials: Classification according to years

Lajike Variety	V 1991			V 1992			V 1993			V 1994			V 1995		
	kg/ha		sl	kg/ha		sl	kg/ha		sl	kg/ha		sl	kg/ha		sl
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C															
AURA	8	5759	100	6	3988	100	5	4759	100	4	4933	100	4	4953	100
OTSO	8	5744	100	6	4058	102	5	4847	102	4	4775	97	1	2560	129
PITKO	8	5386	94	6	4076	102	5	4697	99	4	4183	85*	2	3590	115
HJAN ILVES	8	5164	90**	6	3909	98	3	3148	71	3	5032	110	1	2480	125
VAKKA -71	3	4566	87	1	4400	140	1	750	34	2	4431	98	1	1910	96
TRYGGVE	0	0		0	0		5	4963	104	4	5309	108	4	5443	110
TJELVAR	8	6574	114**	6	4863	122*	5	4597	97	4	4742	96	1	2690	135
FOLKE	0	0		0	0		2	5585	107	0	0		0	0	
KOSACK	1	6600	119	0	0		2	5300	101	0	0		0	0	
ULRIKA TRIC.	0	0		0	0		0	0		0	0		4	6580	133
JO 6472	0	0		0	0		0	0		4	4957	100	4	4845	98
BOR 5456	1	5740	103	0	0		1	6480	110	0	0		4	4950	100
BOR 8483	0	0		0	0		0	0		0	0		4	5053	102
WW 40397	0	0		0	0		0	0		0	0		4	5960	120

Syysvehnä, 1988-1995, Viralliset kokeet
Winter wheat, *Triticum aestivum* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tulokista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Talvi- tuho-%	Lako- %	Kasvu- aika pv	Pituus cm	Tjp g	Hlp kg	Valk.- %	Sako- luku 1	Sako- luku 3
Variety	Cultivation zone	Yield kg/ha	Winter damage %	Lodging- %	Growing time d	Length cm	1000 seed weight g	HL weight kg	Prot.- %	Falling number 1	Falling number 3
TRYGGVE	=C	5287	13	20	341	84	45.7	79.8	11.5	272	229
AURA	1-5	14	13	20	341	84	45.7	79.8	11.5	272	229
AURA	1-2	14	-3	26*	-5***	7***	-4.3***	.8	1.0**	32	-57
OTSO	1-2	11	-3*	10	-4***	10***	-5.9***	1.0	.7***	29	-22
PITKO	1-1	10	0	19	-7***	5**	-3.0*	-.7	1.8***	36	-114
HJAN ILVES	1-2	8	-6	6	-5***	0	-4.3**	.9	1.7*	-6	-204
VAKKA -71	1-1	4	1	43	-9**	5	-7.2	-3.1	1.4	-25	-224
TJELVAR	1-2	11	1	-4	1	1	-3.1*	1.6**	.8***	-41*	-68
FOLKE	1-2	3	0	10	2	5	-3.2	-.5	-.1	-9	-119
KOSACK	1-1	3	0	-5	1	0	-4.3	2.5	-.5	-30	-76
ULRIKA TRIC.	1-5	4	-2	3	-1	-5	6.8*	-1.5	-.3	-218***	-251
JO 6472	1-2	8	-9	25	-3*	12***	-1.9	.2	1.2**	-20	-100*
BOR 5456	1-2	5	-4	31	-3	6*	-5.0*	1.8	1.3**	54	-101
BOR 8488	1-2	4	-3	39	-3	11**	-3.8*	1.1	1.3*	-18	-146
WW 40397	1-2	4	-2	-4	1	-3	-.3	.7	.2	-10	18

Syysvehnä, 1988-1995, Viralliset kokeet: Luokittelu maalajittain
 Winter wheat, *Triticum aestivum* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Liejusavi		Eloperäiset maat	
	kpl	kg/ha	sl	kg/ha	sl	kg/ha	sl	kg/ha
Variety	Coarse mineral soils		Clay		Gytja-clay		Organic soils	
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha
	=C							
TRYGGVE	1	5200	100	12	5314	100	0	0
AURA	1	5070	98	12	4862	91*	0	0
OTSO	1	5340	103	9	4570	93	0	0
PITKO	1	5550	107	10	4327	86*	0	0
HJAN IL'ES	0	0		7	3785	82	0	0
VAKKA -71	0	0		5	3216	78*	0	0
TJELVAR	1	4740	91	9	4633	94	0	0
FOLKE	1	5200	100	2	5906	98	0	0
KOSACK	1	5240	101	2	5586	93	0	0
ULRIKA TRIC.	0	0		4	6580	121	0	0
JO 6472	0	0		7	4933	91*	0	0
BOR 5456	0	0		5	5256	95	0	0
BOR 8483	0	0		4	5053	93	0	0
WW 40397	0	0		4	5960	110*	0	0

Syysvehnä, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Winter wheat, *Triticum aestivum* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2	
	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2	
	trials	kg/ha rel.	trials	kg/ha rel.
=C	11	4943 100	3	6549 100
	11	4461 90*	3	6350 97
	9	4444 93	2	5450 95
	10	4256 87*	2	4977 87
	6	3702 86	2	4714 82
TRYGGVE				
AURA				
OTSO				
PITKO				
HJAN ILVES				
VAKKA -71	4	2834 75	1	4741 86
TJELVAR	9	4521 95	2	4829 84
FOLKE	3	5670 99	0	0
KOSACK	3	5471 95	0	0
ULRIKA TRIC.	3	5807 128	1	8900 108
JO 6472	6	4322 89*	2	6640 97
BOR 5456	3	3933 87	2	7240 103
BOR 8488	3	4203 93	1	7600 93
WW 40397	3	4923 109**	1	9070 110

Syysvehnä, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Winter wheat, *Triticum aestivum* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991		V 1992		V 1993		V 1994		V 1995	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1991		Year 1992		Year 1993		Year 1994		Year 1995	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	0	0	0	0	5	4963 100	4	5309 100	4	5443 100
TRYGGVE	0	0	0	0	5	4759 96	4	4933 93	4	4953 91
AURA	0	0	0	0	5	4847 98	4	4775 90*	1	2560 115
OTSO	0	0	0	0	5	4697 95	4	4183 79**	2	3590 88
PITKO	0	0	0	0	3	3148 69	3	5032 100	1	2480 112
HJAN ILVES	0	0	0	0	1	750 36	2	4431 88	1	1910 86
VAKKA -71	0	0	0	0	5	4597 93*	4	4742 89	1	2690 121
TJELVAR	0	0	0	0	2	5585 101	0	0	0	0
FOLKE	0	0	0	0	2	5300 96	0	0	0	0
KOSACK	0	0	0	0	0	0	0	0	0	0
ULRIKA TRIC.	0	0	0	0	0	0	0	0	4	6580 121
JO 6472	0	0	0	0	0	0	4	4957 93***	4	4845 89
BOR 5456	0	0	0	0	1	6480 110	0	0	4	4950 91
BOR 8488	0	0	0	0	0	0	0	0	4	5053 93
WW 40397	0	0	0	0	0	0	0	0	4	5960 110*

Kevätvehnä, 1988-1995, Viralliset kokeet
Spring wheat, *Triticum aestivum* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeiden tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tijp g	Hilp kg	Valk.- %	Sako- luku 1	Sako- luku 3
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000 seed weight g	HI weight kg	Prot.- %	Falling number 1	Falling number 3
=C										
SATU	1-2	66	14	100	82	38.0	81.5	14.2	224	171
BASTIAN	1-2	55	-12***	0	-15***	-4.4***	-1.6***	-1.5***	97***	68**
HEITA	1-2	62	-2	-2***	2***	-1.7***	-1.7***	1.5***	59***	-10
MAHTI	1-2	38	-5	1*	-1	.0	-3.0***	-1.3***	35***	81**
MANU	1-2	55	-4	-1***	5***	-8***	-1	.5***	74***	29
RENO	1-2	62	9**	1**	3***	-6*	-1.3***	-1.5***	88***	80**
TJALVE	1-2	54	-8*	2***	-10***	1.8***	-1.9***	-1.6***	45***	18
DRAGON	1-2	29	-6*	4***	0	-.3	-2.1***	-1.9***	-5	13
KADETT	1-2	51	12**	3***	5***	.8*	-2.2***	-1.2***	24***	36
LUJA	1-2	52	-3**	-2***	0	-2.4***	-2.5***	.0	26***	-6
POLKKA	1-2	53	-4**	1*	-1**	-1.7***	-1.3***	.0	57***	2
RUNAR	1-2	46	8**	0	4***	2.0***	.0	-7*	43***	11
RUSO	1-2	45	11***	1*	9***	2.3***	-2.6***	-3*	16	19
HJA 24201	1-2	19	-3	3***	4***	6.1***	-3.7***	-7***	-16	-31
HJA 24411	1-2	27	-4	0	-5***	-.3	-1.8***	-1.5***	8	12
HJA 24724	1-2	19	-6	0	-5***	-1.2*	-1.3***	-1.6***	14	-27
BOR 24919	1-2	5	-3	1	0	1.1	.1	-9*	39	102
SW 34041	1-2	5	-8*	0	-5	-1.7	-.6	.1	74**	101*
SW 31258	1-2	15	-3	3***	-11***	-.2	-2.8**	-.4**	11	12

Kevätvehnä, 1988-1995, Viralliset kokeet: Luokittelu maalajeittain
Spring wheat, *Triticum aestivum* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat			Savimaat			Liejusavi			Eloperäiset maat		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Coarse mineral soils			Clay			Gytja-clay			Organic soils		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C												
SATU	18	4414	100	39	4411	100	6	3608	100	3	4320	100
BASTIAN	15	4508	99	34	4460	97	5	3586	104	1	4100	79
HETA	16	3678	84***	38	3768	84***	6	2995	83***	2	4300	79
MAHTI	10	5041	108*	23	5241	110***	4	3265	96	1	4670	90
MANU	15	4315	95	34	4331	94***	5	3800	110	1	4340	83
RENO	16	4232	97	38	4234	95***	6	3860	107	2	4590	84
TJALVE	15	5172	113***	33	4968	109***	5	4014	116*	1	4470	86
DRAGON	8	4715	100	18	4974	111***	3	3957	107	0	0	0
KADETT	13	4033	92*	29	4117	97	6	3430	95	3	3580	83
LUJA	12	3761	87***	32	3890	89***	6	3727	103	2	4180	77*
POLKKA	15	4539	100	30	4350	100	5	3682	97	3	3930	91
RUNAR	12	3965	92***	27	4015	92***	5	3622	96	2	4380	80
RUSO.	14	3725	86***	25	3476	87***	3	3110	89	3	3387	78
HJA 24201	4	4865	117	14	5488	106***	1	4040	149	0	0	0
HJA 24471	6	4490	102	19	4960	107***	2	3000	90	0	0	0
HJA 24724	4	4585	110	14	5362	104	1	3830	141	0	0	0
BOR 24919	1	4930	104	4	5925	107*	0	0	0	0	0	0
SW 34041	1	4610	97	4	5183	93	0	0	0	0	0	0
SW 31258	3	3400	91	11	5387	106*	1	1620	60	0	0	0

Kevätvehnä, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Spring wheat, *Triticum aestivum* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2	
	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2	
	trials	kg/ha rel.	trials	kg/ha rel.
=C	43	4101 100	23	4770 100
	36	4200 98	19	4742 97
	40	3553 84***	22	3932 83***
	25	4837 106**	13	5212 110***
	36	4142 97	19	4536 93***
SATJ	40	4092 97	22	4421 94**
BASTIAN	36	4828 113***	18	5126 106*
HEA	20	4669 106*	9	5082 111
MAHTI	35	3813 96	16	4356 92*
MANU	32	3797 92***	20	3941 85***
RENO	33	4010 100	20	4823 98
TJALVE	30	3731 91***	16	4433 93**
DRAGON	30	3410 88***	15	3750 82***
KADETT	12	5238 113**	7	5353 103
LUJA	17	4563 105	10	4961 105*
POLKKA	12	4961 107	7	5386 104
RUNAR	3	5780 107	2	5645 106
RUSO	3	5137 95	2	4965 93
HJA 24201	11	4534 101	4	5301 104
HJA 24471				
HJA 24724				
BOR 24919				
SW 34041				
SW 31253				

Kevätvehnä, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Spring wheat, *Triticum aestivum* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
SATU	9	4983	100	8	3674	100	8	4525	100	6	4759	100	5	5384	100
BASTIAN	9	4635	93	8	3951	108*	8	4334	96	6	4623	97	5	5492	102
HETA	9	4340	87**	8	3295	90**	8	3883	86**	6	3947	83**	5	4700	87*
MAHTI	8	5361	109**	8	4388	119***	1	6270	109	6	4849	102	5	5866	109**
MANU	9	4620	93**	8	3492	95	8	4463	99	6	4656	98	5	5050	94
RENO	9	4609	93**	8	3876	105*	8	4222	93	6	4704	99	5	4944	92**
TJALVE	8	5594	114***	8	4091	111**	8	4967	110	6	5210	109*	5	5292	98
DRAGON	9	5051	101	8	4575	125***	8	4634	102	1	2510	92	1	7010	104
KADETT	9	4251	85**	6	3988	108**	3	3887	81	1	3120	115	2	5040	93
LUJA	9	4257	85***	6	3337	98	4	4428	94	4	3797	92	3	5193	90
POLKKA	9	4850	97	7	4253	108	3	5170	108	3	4586	99	3	5030	98
RUNAR	9	4379	88**	5	3728	100	2	3645	86	3	4298	93	1	6290	95
RUSO	7	4260	84**	4	3310	103	2	3205	89*	1	3830	94	1	4420	93
HJA 24201	0	0	0	0	0	0	8	5139	114*	6	5080	107	5	5748	107*
HJA 24471	0	0	0	8	4167	113***	8	4744	105	6	4636	97	5	5616	104*
HJA 24724	0	0	0	0	0	0	8	4974	110	6	5138	108	5	5322	99
BOR 24919	0	0	0	0	0	0	0	0	0	0	0	0	5	5726	106*
SW 34041	0	0	0	0	0	0	0	0	0	0	0	0	5	5068	94*
SW 31258	0	0	0	2	3668	119*	2	3595	88	6	4868	102	5	5470	102

Kevätvehnä, 1988-1995, Viralliset kokeet
Spring wheat, *Triticum aestivum* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tipp g	Hlp kg	Valk.- %	Sako- luku 1	Sako- luku 3
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000 seed weight g	HL weight kg	Prot.- %	Falling number 1	Falling number 3
	=C									
TJALVE	1-2	4923	7	105	73	40.5	79.9	13.6	273	197
SATU	1-2	4466	8*	-2***	10***	-1.8***	1.9***	.6***	-45***	-18
BASTIAN	1-2	4354	-4***	-2***	-5***	-6.3***	.3	.1	53***	50*
HETA	1-2	3793	7***	-4***	12***	-3.3***	.3	2.0***	17**	-41*
MAHTI	1-2	4962	4**	-2**	10***	-1.5***	-1.1***	-.9***	-9	70*
MANU	1-2	4259	4***	-3***	15***	-2.6***	1.9***	1.1***	30***	10
RENO	1-2	4312	15***	-1**	13***	-2.3***	.6*	.1	38***	51*
DRAGON	1-2	4765	6	2	10***	-2.0***	-1	-.4*	-40***	-20
KADETT	1-2	4098	19***	2***	16***	-1.4***	-.3	-.7***	-28***	11
LUJA	1-2	4032	4	-4***	10***	-3.8***	-.3	.6	-18*	-38
POLKKA	1-2	4604	5	-2***	9***	-3.3***	.8**	.3	18**	-28
RUNAR	1-2	4098	17**	-2***	14***	.1	2.2***	-.3	1	-17
RUSO	1-2	3705	17**	-2***	18***	.5	-.5	.1	-31***	-11
HJA 24201	1-2	5280	4**	-1	15***	4.7***	-1.8***	-.1	-59***	-49
HJA 24471	1-2	4710	3**	-3***	6***	-2.2***	-.2	.0	-30**	-3
HJA 24724	1-2	5117	2	-3***	7***	-2.6***	.6	.0	-29*	-45
BOR 24919	1-2	5726	7*	-3*	13***	.4	1.9*	-.3	-6	47
SW 34041	1-2	5068	3	-4*	8**	-2.5*	1.2	.6*	30	46
SW 31258	1-2	4739	2	0	0	-1.8*	-.8	.1	-51***	-3

Kevätvehnä, 1988-1995, Viralliset kokeet: Luokittelu maalajeittain
 Spring wheat, *Triticum aestivum* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Liejusavi		Eloperäiset maat	
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha
Variety	Coarse mineral soils		Clay		Gytja-clay		Organic soils	
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha
=C	16	5143	100	33	4968	100	5	4014
	15	4564	88***	33	4553	92***	5	3456
	16	4478	87***	33	4419	89***	5	3586
	14	3778	74***	32	3933	78***	5	2854
	11	5022	98	23	5241	102	4	3265
MANU	16	4312	84***	33	4300	87***	5	3800
RENO	13	4435	86***	32	4363	86***	5	3718
DRAGON	8	4715	88	17	4930	102	3	3957
KADETT	11	4253	82***	23	4237	86***	5	3210
LUJA	9	3982	78***	26	4110	82***	5	3714
POLKKA	12	4839	91***	24	4641	92***	4	3655
RUNAR	9	4158	81***	21	4204	83***	4	3508
RUSO	12	3958	78***	19	3621	78***	2	2880
HJA 24201	4	4865	101	14	5488	103	1	4040
HJA 24471	6	4490	91	19	4960	102	2	3000
HJA 24724	4	4585	95	14	5362	100	1	3830
BOR 24919	1	4930	92	4	5925	112	0	0
SW 34041	1	4610	86	4	5183	98	0	0
SW 31258	3	3400	76	11	5387	102	1	1620

Kevätvehnä, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
Spring wheat, *Triticum aestivum* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2	
	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2	
	trials	kg/ha rel.	trials	kg/ha rel.
=C	37	4825 100	18	5126 100
	36	4278 89***	18	4843 94*
	37	4195 87***	18	4682 91**
	35	3690 75***	17	4007 79***
	26	4837 97	13	5212 104
MANU	37	4146 86***	18	4492 88***
RENO	34	4209 86***	17	4517 90**
DRAGON	20	4669 94	8	5003 103
KADETT	29	3955 84***	11	4476 86***
LUJA	26	3997 83***	15	4092 83***
POLKKA	26	4331 90***	15	5077 95*
RUNAR	24	3880 80***	11	4574 87***
RUSO	24	3621 78***	10	3906 79***
HJA 24201	12	5238 105	7	5353 100
HJA 24471	17	4563 96	10	4961 101
HJA 24724	12	4961 99	7	5386 101
BOR 24919	3	5780 107	2	5645 111
SW 34041	3	5137 95	2	4965 97
SW 31258	11	4534 93	4	5301 101

Kevätvehnä, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Spring wheat, *Triticum aestivum* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
Variety	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C															
TJALVE	8	5594	100	8	4091	100	8	4967	100	6	5210	100	5	5292	100
SATU	8	4903	88***	8	3674	90**	8	4525	91	6	4759	91*	5	5384	102
BASTIAN	8	4486	80**	8	3951	97	8	4334	87***	6	4623	89	5	5492	104
HETA	8	4267	76***	8	3295	81***	8	3883	78**	6	3947	76***	5	4700	89
MAHTI	8	5361	96	8	4388	107*	1	6270	101	6	4849	93	5	5866	111*
MANU	8	4531	81***	8	3492	85***	8	4463	90*	6	4656	89*	5	5050	95
RENO	8	4520	81***	8	3876	95	8	4222	85*	6	4704	90	5	4944	93
DRAGON	8	4968	89**	8	4575	112*	8	4634	93	1	2510	75	1	7010	104
KADETT	8	4107	73***	6	3988	95	3	3887	77	1	3120	94	2	5040	94
LUJA	8	4240	76***	6	3337	87***	4	4428	92	4	3797	83	3	5193	92
POLKKA	8	4729	85***	7	4253	97	3	5170	102	3	4586	91	3	5030	97
RUNAR	8	4252	76***	5	3728	89**	2	3645	83	3	4298	86	1	6290	100
RUSO	6	4228	75***	4	3310	92*	2	3205	95	1	3830	90	1	4420	83
HJA 24201	0	0		0	0		8	5139	103	6	5080	97	5	5748	109
HJA 24471	0	0		8	4167	102	8	4744	96	6	4636	89	5	5616	106
HJA 24724	0	0		0	0		8	4974	100	6	5138	99	5	5322	101
BOR 24919	0	0		0	0		0	0		0	0		5	5726	108
SW 34041	0	0		0	0		0	0		0	0		5	5068	96
SW 31258	0	0		2	3668	104	2	3595	72	6	4868	93	5	5470	103

Ohra, 1988-1995, Viralliset kokeet
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials

Poikkeamat mitarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tipp g	Hlp kg	Valk.- %	Lentonoki kpl/10 m ²
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pcs/10 m ²
ARRA	1-4	4386	37	84	86	38.9	64.7	13.2	7
ARVE	1-4	4962	-21***	1***	-8***	.8***	-.7***	-1.3***	-7
POHTO	1-4	4896	-5*	6***	-15***	-1.8***	-.8***	-1.7***	-5
KUSTAA 2-t.	1-3	4674	-13***	10***	-16***	7.1***	3.9***	-1.1***	-7
KYMPPI 2-t.	1-3	4896	-11***	10***	-12***	6.4***	2.2***	-1.1***	9
ARTTURI	1-4	4929	-14***	0**	-9***	-.6**	-1.0***	-.6***	10
BOTNIA (JO 1599)	1-4	5179	-3	7***	-7***	.6	-2.1***	-2.3***	1
FILIPPA 2-t.	1-3	4901	-10**	9***	-13***	12.9***	3.5***	-.1	84*
HJAN POKKO	1-3	4653	-6	7***	-3***	-.7	-1.7***	-1.4***	-7
INARI 2-t.	1-3	5346	-13***	12***	-17***	13.4***	3.2***	-1.2***	6**
KINNAN 2-t.	1-3	5579	-15***	11***	-18***	11.4***	2.1***	-1.0***	0
LOVIISA	1-4	4913	-5	3***	-2***	2.8***	.5*	-1.6***	3
METTE 2-t.	1-3	4993	-11***	9***	-12***	10.8***	2.7***	-.5***	-4
PRISMA 2-t.	1-3	5302	-13	13***	-22***	12.6***	1.7***	-1.2***	-1
SAANA (JO 1754) 2-t.	1-3	5425	-19**	9***	-24***	11.0***	2.6***	-1.3***	3

jatkuu

Ohra, 1988-1995, Viralliset kokeet
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjp g	Hlp kg	Valk- %	Lentonoki kpl/10 m ²
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pcs/10 m ²
jatkoa									
ARRA	1-4	132	37	84	86	38.9	64.7	13.2	7
THULE	1-4	55	-20***	8***	-9***	-1.3***	-.8*	-1.2***	11
TYRA 2-t.	1-3	61	-22***	10***	-19***	8.5***	4.5***	-.9***	-4
VIIVI 2-t.	1-3	45	-23***	11***	-9***	9.0***	2.2***	-.2	0
JO 1632	1-4	72	-20***	1**	-15***	-.6*	-2.1***	-1.2***	1
JO 1760 2-t.	1-3	24	-18**	12***	-26***	4.9***	2.9***	-1.5***	-1
HJA 68634 2-t.	1-3	24	-24**	14***	-25***	9.0***	3.6***	-1.5***	1
HJA 87061	1-4	43	-16***	6***	-10***	2.0***	-.3	-1.9***	10**
BOR 88369 2-t.	1-3	16	-8	11***	-24***	6.2***	3.1***	-1.0***	2
SV LH 91335 2-t.	1-2	6	-22	12***	-10*	10.5***	4.3**	-.9*	0
SV LH 91355 2-t.	1-3	9	-26*	12***	-21***	9.7***	2.3***	-1.2***	0
SV LH 92185 2-t.	1-3	16	-12*	12***	-16***	13.4***	2.4***	-.3	0
SV LH 92217 2-t.	1-3	16	-12*	12***	-24***	4.7***	4.3***	-1.0***	0

Ohra, 1988-1995, Viralliset kokeet: Luokittelu maalajittain
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat			Savimaat			Liejusavi			Multamaat			Turvemaat		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Coarse mineral soils			Clay			Gytija-clay			Mould			Peat soil		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C	54	4457	100	45	4184	100	14	3659	100	6	4578	100	18	4479	100
	50	4945	111***	44	4895	116***	14	3821	104	6	5188	113	18	4898	109*
	54	4860	109***	45	4928	118***	14	4049	111*	5	5424	108	18	4627	103
	33	4718	103	33	4812	110***	14	2355	64***	4	4575	100	8	3635	79*
2-t.	32	4911	107*	32	4886	112***	14	2293	63***	2	5775	100	8	3822	83
2-t.															
ARTTURI	44	4870	107**	33	4909	109***	12	4128	106	5	5424	108	14	5023	112**
	31	4952	111***	27	5621	124***	7	4834	115*	4	4978	101	12	4803	110*
	21	4828	103	19	5187	108**	8	3765	95	2	4710	94	5	3793	88
	25	4160	97	26	4865	111***	11	3995	109*	2	4485	112	11	3925	87**
	20	5365	112**	17	5349	119***	9	2869	69***	2	6045	105	2	2066	72
KINNAN 2-t.	14	5409	109*	18	5491	123***	9	2842	68***	2	6165	107	0	0	0
	34	4807	109***	33	4911	115***	12	3680	105	1	6070	108	13	4626	105
	21	4841	106	30	4998	116***	13	3257	91*	2	4215	105	3	6080	103
	10	5350	106	9	5382	114**	5	1716	40***	1	5910	100	1	3028	81
	9	5191	108	9	5361	113**	5	3638	86*	1	5570	95	0	0	0
2-t.															

jatkuu

Ohia, 1988-1995, Viralliset kokeet: Luokittelu maalaajeittain
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maat		Savimaat		Liejusavi		Mullamaat		Turvomaat	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay		Gytja-clay		Mould		Peat soil	
jatkoa	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
ARRA	54	4457 100	45	4184 100	14	3659 100	6	4578 100	18	4479 100
THULE	22	5084 108**	17	4960 120***	7	4576 113*	3	5637 112	7	4969 112*
TYRA 2-t.	21	5276 109*	26	5415 116***	12	2489 64***	3	5460 103	2	6715 108
VIIVI 2-t.	17	5083 104	19	5167 115***	9	4180 100	2	5915 103	1	2973 79
JO 1632	28	5061 109***	24	5027 118***	9	4623 110*	4	5855 113	10	4660 110*
JO 1760 2-t.	8	5716 115	9	5906 125***	5	2182 51***	1	5940 101	0	0
HJA 68634 2-t.	8	5247 105	9	5461 116***	5	1994 47***	1	5420 92	0	0
HJA 87061	14	5459 115***	15	5555 124***	5	4578 108	3	5950 119	5	4942 111
BOR 88369 2-t.	6	5450 111	6	5773 118**	3	2123 52**	0	0	0	0
SV LH 91335 2-t.	3	5741 111	3	4937 110	0	0	0	0	1	7300 112
SV LH 91355 2-t.	4	6246 120	5	5592 119**	1	2350 53	1	6850 126	0	0
SV LH 92185 2-t.	6	5157 105	6	4986 102	3	1910 47**	0	0	0	0
SV LH 92217 2-t.	6	4951 101	6	5351 110*	3	1787 44*	0	0	0	0

Ohra, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1			Vyöhyke 2			Vyöhyke 3			Vyöhyke 4		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
ARRA =C	37	4287	100	30	4932	100	40	4243	100	25	4107	100
ARVE	37	4927	115***	29	5332	108***	37	4646	110***	24	5056	121***
POHTO	36	4995	115***	30	5274	107***	40	4704	111***	25	4605	112***
KUSTAA 2-t.	37	4703	110***	29	5033	102	21	4125	96	0	0	0
KYMPPI 2-t.	34	5037	113***	28	5287	107*	20	4108	95	0	0	0
ARTTURI	30	4929	108***	23	5270	101	32	4692	110***	20	4920	115***
BOTNIA (JO 1599)	21	5662	123***	14	5887	109**	22	4684	113***	13	4474	112*
FILIPPA 2-t.	19	5156	105	15	5173	101	15	4304	100	0	0	0
HJAN POKKO	25	4856	114***	16	4984	99	16	4006	93	12	3632	94
INARI 2-t.	19	5720	120***	14	5601	110*	14	4583	107	0	0	0
KINNAN 2-t.	19	5661	119***	13	5635	110*	8	5293	114*	0	0	0
LOVIISA	28	5239	114***	24	5349	110***	24	4500	110***	12	4103	106
METTE 2-t.	34	4952	117***	22	5103	105	8	4861	107	0	0	0
PRISMA 2-t.	10	5410	107	10	5452	107	7	4932	102	0	0	0
SAANA (JO 1754) 2-t.	10	5683	113*	10	5043	104	5	5674	112*	0	0	0

jatkuu

Ohra, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1			Vyöhyke 2			Vyöhyke 3			Vyöhyke 4		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Zone 1			Zone 2			Zone 3			Zone 4		
jatkoa	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
ARRA	37	4287	100	30	4932	100	40	4243	100	25	4107	100
THULE	15	5255	115**	11	5206	105	16	5276	115**	13	4915	114**
TYRA 2-t.	31	5354	117**	24	5547	108*	6	5312	114*	0	0	0
VIIVI 2-t.	19	5351	113**	14	5368	105	12	4755	104	0	0	0
JO 1632	18	5578	118**	15	5392	104	23	4727	110**	16	4878	118**
JO 1760 2-t.	10	6203	123**	9	5683	114*	5	5632	111	0	0	0
HJA 68634 2-t.	10	5913	117**	9	5323	106	5	5174	102	0	0	0
HJA 87061	11	5895	118**	9	5616	112*	13	5403	115**	10	5285	124**
BOR 88369 2-t.	6	6095	110	6	5373	112*	4	5668	112	0	0	0
SV LH 91335 2-t.	3	6847	120*	3	4645	106	2	6210	106	0	0	0
SV LH 91355 2-t.	3	7007	123*	3	5152	118*	3	5727	112	2	6880	128*
SV LH 92185 2-t.	6	5868	106	6	4871	102	4	5243	104	0	0	0
SV LH 92217 2-t.	6	5963	107	6	5060	106*	4	5070	100	0	0	0

Ohra, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Barley, *Hordeum vulgare* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kg/ha		sl	kg/ha		sl	kg/ha		sl	kg/ha		sl	kg/ha		sl
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
ARRA	16	4505	100	14	3937	100	16	4470	100	13	4693	100	13	5125	100
ARVE	15	4960	109*	13	4240	110*	15	5072	114**	13	5112	109*	13	5594	109*
POHTO	16	4773	106	14	4376	111**	16	5024	112**	13	5169	110**	13	6132	120***
KUSTAA 2-t.	11	5196	105	8	3952	107	10	5030	107	8	5254	103	9	5284	105
KYMPPI 2-t.	11	4988	101	8	4538	122**	10	5420	115*	8	5580	109	8	5483	106*
ARTTURI	16	4970	110**	14	3797	96	16	5179	116***	12	5279	112***	8	5680	107
BOTNIA (JO 1599)	16	5510	115***	16	5110	113**	14	4636	118***	16	5045	113**	7	5637	116*
FILIPPA 2-t.	12	4975	102	9	4399	115**	2	4159	98	4	4990	97	8	5083	98
HJAN POKKO	15	4538	100	2	4215	136	2	5091	113	2	5660	99	1	7470	125
INARI 2-t.	12	5202	107	9	4803	125***	10	5452	117*	8	5392	106	8	5994	116***
KINNAN 2-t.	9	6340	117**	7	4281	118*	8	5999	124**	7	5431	106	9	5567	110**
LOVIISA	15	4937	108*	6	3427	110*	5	4904	117	7	5624	113**	5	5407	109
METTE 2-t.	9	5875	109**	5	4058	127*	3	5702	136*	4	5133	99	9	5300	105
PRISMA 2-t.	0	0		1	6790	117	10	5329	113	8	4955	97	8	5429	105
SAANA (JO 1754) 2-t.	0	0		1	3550	101	8	5680	118*	8	5307	104	8	5523	107
jatkuu															

Ohra, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Barley, *Hordeum vulgare* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
jatkoa	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
ARRA	16	4505	100	14	3937	100	16	4470	100	13	4693	100	13	5125	100
THULE	1	5340	126	13	4259	105	15	5208	116**	13	5277	112***	13	5922	116**
TYRA 2-t.	9	5978	111*	7	4284	118*	8	6028	125**	7	5938	113***	7	5513	107*
VIIVI 2-t.	9	5791	107	9	4390	115**	10	5425	115	8	5179	101	9	5176	102
JO 1632	16	5228	116***	14	4099	104	16	5204	116***	13	5259	112**	12	5698	112**
JO 1760 2-t.	0	0		0	0		8	6135	127**	8	5333	104	8	6199	120**
HJA 68634 2-t.	0	0		0	0		8	5693	118	8	5141	101	8	5780	112
HJA 87061	0	0		1	5620	127	16	5439	122***	13	5370	114**	13	5848	114**
BOR 88369 2-t.	0	0		0	0		0	0		8	5300	104	8	6135	119**
SV LH 91335 2-t.	0	0		0	0		0	0		0	0		8	5862	112*
SV LH 91355 2-t.	0	0		0	0		0	0		0	0		11	6129	120***
SV LH 92185 2-t.	0	0		0	0		0	0		8	5506	108*	8	5170	100
SV LH 92217 2-t.	0	0		0	0		0	0		8	5252	103	8	5551	107

Ohra, 1988-1995, Viralliset kokeet
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials

Poikkeamat mitarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjp g	Hlp kg	Valk- %	Lentonoki kp/10 m ²
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HL weight kg	Prol.- %	Loose smut pcs/10 m ²
	=C								
ARVE	1-4	127	16	85	78	39.7	64.0	11.9	1
ARRA	1-4	127	21***	-1***	8***	-0.8***	.7***	1.3***	7
POHTO	1-4	126	16***	4***	-7***	-2.6***	-.1	-4.4***	1
KUSTAA 2-t.	1-3	86	-2	8***	-8***	6.4***	4.8***	.1	1*
KYMPPI 2-t.	1-3	81	0	9***	-4***	5.7***	3.1***	.1	17*
ARTTURI	1-4	102	6***	-1***	-2**	-1.5***	-.2	.7***	17**
BOTNIA (JO 1599)	1-4	67	17***	5***	1	-.1	-1.2*	-.9***	1
FILIPPA 2-t.	1-3	46	8	8***	-5***	12.7***	5.0***	1.0***	92*
HJAN POKKO	1-3	56	12**	5***	3***	-1.5***	-1.1**	-.2	2
INARI 2-t.	1-3	44	0	10***	-9***	13.5***	4.5***	-.1	6*
KINNAN 2-t.	1-3	40	-1	9***	-10***	10.9***	3.2***	.2	0
LOVIISA	1-4	86	14***	1***	5***	2.1***	1.4***	-.4**	11*
METTE 2-t.	1-3	63	2	7***	-5***	10.1***	3.5***	.8***	5
PRISMA 2-t.	1-3	27	-4	11***	-13***	12.2***	2.8***	.1	0
SAANA (JO 1754) 2-t.	1-3	25	-9	7***	-15***	10.2***	3.6***	.1	3

jatkuu

Ohra, 1988-1995, Viralliset kokeet
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjp g	Hlp kg	Valk.- %	Lentonoki kpl/10 m ²
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pcs/10 m ²
jatkoa	trials	rel.							
ARVE	1-4	127	16	85	78	39.7	64.0	11.9	1
THULE	1-4	53	-3	6**	-1	-1.5**	.2	.1	11
TYRA 2-t.	1-3	61	-10**	8**	-11**	7.6**	5.3**	.4**	2
VIIVI 2-t.	1-3	44	-10*	10**	-2	8.8**	3.5**	.9**	0
JO 1632	1-4	69	-1	-1**	-7**	-1.2**	-1.1**	.1*	1
JO 1760 2-t.	1-3	24	-9	10**	-17**	4.0**	3.8**	-.1	0
HJA 68634 2-t.	1-3	24	-15*	13**	-16**	8.2**	4.5**	-.1	2*
HJA 87061	1-4	42	1	5**	-2*	1.7**	.4	-.3**	10*
BOR 88369 2-t.	1-3	16	2	10**	-15**	6.3**	4.7**	.4	2
SV LH 91335 2-t.	1-2	6	-6	12**	0	11.4**	6.9**	.2	0
SV LH 91355 2-t.	1-3	9	-5	11**	-11**	9.4**	4.3**	.0	0
SV LH 92185 2-t.	1-3	16	-2	11**	-7*	13.4**	4.0**	1.1**	0
SV LH 92217 2-t.	1-3	16	-2	11**	-16**	4.7**	6.0**	.4*	0

Ohra, 1988-1995, Viralliset kokeet: Luokittelu maalajeittain
 Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maat		Savimaat		Liesjuavi		Mullamaat		Turvemaat				
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	
Variety	Coarse mineral soils			Clay		Gytja-clay		Mould		Peat soil			
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	
=C	ARVE	50	4945	100	44	4895	100	14	3821	100	6	5188	100
	ARRA	50	4449	90***	44	4234	87***	14	3659	96	6	4578	88
	POHTO	50	4832	98	44	5004	102	14	4049	106*	5	5424	97
	KUSTAA 2-t.	32	4700	96*	33	4812	96*	14	2355	62***	4	4575	92
	KYMPPI 2-t.	31	4897	100	32	4886	98	14	2293	60***	2	5775	94
ARTTURI		41	4879	97	33	4909	94***	12	4128	102	5	5424	97
	BOTNIA (JO 1599)	27	4904	101	25	5698	107*	7	4834	110	4	4978	96
	FILIPPA 2-t.	18	4812	97	19	5187	96	8	3765	92	2	4710	90
	HJAN POKKO	24	4085	84***	25	4996	96	11	3995	104	2	4485	100
	INARI 2-t.	17	5404	108*	17	5349	105	9	2869	66***	2	6045	98
KINNAN 2-t.		14	5409	104	18	5491	108***	9	2842	66***	2	6165	100
	LOVIISA	33	4764	97	32	4998	99	12	3680	100	1	6070	103
	METTE 2-t.	20	4819	96	30	4998	101	13	3257	87*	2	4215	94
	PRISMA 2-t.	10	5350	103	9	5382	101	5	1716	40***	1	5910	93
	SAANA (JO 1754) 2-t.	9	5191	102	9	5361	101	5	3638	84***	1	5570	88

jatkuu

Ohra, 1988-1995, Viralliset kokeet: Luokittelu maalaajettain
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkcat kiv.maat			Savimaat			Liejusavi			Multamaat			Turvemaat		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Coarse mineral soils			Clay			Gytja-clay			Mould			Peat soil		
jatkoa	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
ARVE	50	4945	100	44	4895	100	14	3821	100	6	5188	100	18	4898	100
THULE	20	5016	100	17	4960	105	7	4576	113*	3	5637	96	7	4969	104
TYRA 2-t.	21	5276	102	26	5415	102	12	2489	61***	3	5460	97	2	6715	93*
VIIVI 2-t.	16	5079	100	19	5167	101	9	4180	97	2	5915	96	1	2973	88
JO 1632	25	5065	102	24	5027	102	9	4623	107	4	5855	100	10	4660	104
JO 1760 2-t.	8	5716	108	9	5906	111	5	2182	51***	1	5940	93	0	0	
HJA 68634 2-t.	8	5247	99	9	5461	103	5	1994	46***	1	5420	85	0	0	
HJA 87061	13	5424	105	15	5555	109*	5	4578	106	3	5950	102	5	4942	107
BOR 88369 2-t.	6	5450	104	6	5773	111	3	2123	53**	0	0		0	0	
SV LH 91335 2-t.	3	5741	104	3	4937	115	0	0		0	0		1	7300	120
SV LH 91355 2-t.	4	6246	107	5	5592	115	1	2350	55	1	6850	93	0	0	
SV LH 92185 2-t.	6	5157	99	6	4986	96	3	1910	48**	0	0		0	0	
SV LH 92217 2-t.	6	4951	95	6	5351	103	3	1787	45*	0	0		0	0	

Ohra, 1938-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
ARVE	37	4927 100	29	5332 100	37	4646 100	24	5056 100
ARRA	37	4287 87***	29	4933 93***	37	4228 91***	24	4195 83***
POHO	36	4995 100	29	5241 98	37	4690 101	24	4730 94**
KUSTAA 2-t.	37	4703 95*	28	5024 94**	21	4125 89**	0	0
KYMPPI 2-t.	34	5037 99	27	5285 99	20	4108 88*	0	0
ARTTURI	30	4929 94**	23	5270 94*	29	4685 100	20	4920 96
BOTNIA (JO 1599)	21	5662 106*	14	5887 102	19	4612 105	13	4474 95*
FILIPPA 2-t.	19	5156 94	14	5170 97	13	4231 94	0	0
HJAN POKKO	25	4856 97	15	4919 87***	16	4006 83**	11	3816 79**
INARI 2-t.	19	5720 107**	14	5601 106	11	4429 99	0	0
KINNAN 2-t.	19	5661 105**	13	5635 107*	8	5293 100	0	0
LOVIISA	28	5239 98	23	5311 101	24	4500 100	11	4282 89*
METTE 2-t.	34	4952 101	21	5094 96	8	4861 94	0	0
PRISMA 2-t.	10	5410 96	10	5452 104	7	4932 95	0	0
SAANA (JO 1754) 2-t.	10	5683 100	10	5043 100	5	5674 99	0	0
THULE	15	5255 103	11	5206 102	14	5206 110*	13	4915 93**

jatkuu

Ohra, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl	sl	kpl	sl	kpl	sl	kpl	sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4	
	trials	rel.	trials	rel.	trials	rel.	trials	rel.
jatkoa								
ARVE	=C							
TYRA 2-t.	37	4927 100	29	5332 100	37	4646 100	24	5056 100
VIIVI 2-t.	31	5354 102	24	5547 101	6	5312 99	0	0
JO 1632	19	5351 100	14	5368 102	11	4719 95	0	0
JO 1760 2-t.	18	5578 103	15	5392 100	20	4682 104*	16	4878 99
	10	6203 110	9	5683 108	5	5632 98	0	0
HJA 68634 2-t.	10	5913 105	9	5323 101	5	5174 90	0	0
HJA 87061	11	5895 105	9	5616 107*	12	5361 110**	10	5285 100
BOR 88369 2-t.	6	6095 107	6	5373 108	4	5668 100	0	0
SV LH 91335 2-t.	3	6847 121	3	4645 102	2	6210 106	0	0
SV LH 91355 2-t.	3	7007 124*	3	5152 114	3	5727 101	2	6880 98
SV LH 92185 2-t.	6	5868 103	6	4871 98	4	5243 93	0	0
SV LH 92217 2-t.	6	5963 104	6	5060 102	4	5070 89	0	0

Ohra, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Barley, *Hordeum vulgare* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
Variety	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
ARVE	15	4960	100	13	4240	100	15	5072	100	13	5112	100	13	5594	100
ARRA	15	4554	92*	13	3869	91*	15	4453	88**	13	4693	92*	13	5125	92*
POHTO	15	4844	98	13	4288	101	15	4999	99	13	5169	101	13	6132	110*
KUSTAA 2-t.	11	5196	96	8	3952	102	10	5030	94	8	5254	95	9	5284	100
KYMPPI 2-t.	11	4988	92*	8	4538	117**	10	5420	102	8	5580	101	8	5483	102
ARTTURI	15	5036	102	13	3754	89**	15	5129	101	12	5279	104	8	5680	93*
BOTNIA (JO 1599)	16	5510	100	15	5192	105	13	4526	107	15	5016	99	7	5637	110*
FILIPPA 2-t.	11	5004	92*	8	4336	111*	2	4159	106	4	4990	94	8	5083	95
HJAN POKKO	15	4538	91*	2	4215	117	2	5091	87	2	5660	91	1	7470	113
INARI 2-t.	11	5258	97	8	4726	122***	9	5453	103	8	5392	98	8	5994	112**
KINNAN 2-t.	9	6340	105*	7	4281	112*	8	5999	105	7	5431	100	9	5567	105
LOVIISA	15	4937	100	6	3427	97	5	4904	100	7	5624	107	5	5407	104
METTE 2-t.	9	5875	97	5	4058	113	3	5702	102	4	5133	91	9	5300	100
PRISMA 2-t.	0	0		1	6790	126	10	5329	100	8	4955	90	8	5429	101
SAANA (JO 1754) 2-t.	0	0		1	3550	103	8	5680	100	8	5307	96	8	5523	103

jatkuu

Ohra, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Barley, *Hordeum vulgare* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
jatkoa	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
ARVE	15	4960	100	13	4240	100	15	5072	100	13	5112	100	13	5594	100
THULE	1	5340	114	12	4141	96	14	5161	101	13	5277	103	13	5922	106
TYRA 2-t.	9	5978	99	7	4284	112**	8	6028	106	7	5938	105*	7	5513	104
VIIVI 2-t.	9	5791	96	8	4295	110	10	5425	102	8	5179	94	9	5176	98
JO 1632	15	5293	107**	13	4040	95	15	5155	102	13	5259	103	12	5698	100
JO 1760 2-t.	0	0		0	0		8	6135	108	8	5333	97	8	6199	116*
HJA 68634 2-t.	0	0		0	0		8	5693	100	8	5141	93*	8	5780	108
HJA 87061	0	0		1	5620	112	15	5408	107*	13	5370	105*	13	5848	105
BOR 88369 2-t.	0	0		0	0		0	0		8	5300	96	8	6135	115*
SV LH 91335 2-t.	0	0		0	0		0	0		0	0		8	5862	111
SV LH 91355 2-t.	0	0		0	0		0	0		0	0		11	6129	109*
SV LH 92185 2-t.	0	0		0	0		0	0		8	5506	100	8	5170	97
SV LH 92217 2-t.	0	0		0	0		0	0		8	5252	95	8	5551	104

Ohra, 1988-1995, Viralliset kokeet
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	kpl	Sato kg/ha	sl	Lako- %	Kasvu- aika pv	Pituus cm	Tipp g	Hlp kg	Valk.- %	Lentonoki kp/10 m ²
Variety	Cultivation zone	trials	Yield kg/ha	rel.	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pcs/10 m ²
POHTO	=C	1-4	131	4896	100	32	71	37.1	63.9	11.5	2
ARRA	1-4	131	4402	90***	5*	-6***	15***	1.8***	.8***	1.7***	5
ARVE	1-4	126	4977	101	-16***	-4***	7***	2.6***	.1	.4***	-1
KUSTAA 2-t.	1-3	86	4698	94***	-17***	4***	-1	8.8***	4.7***	.6***	0
KYMPPI 2-t.	1-3	82	4896	97*	-16***	5***	3***	8.2***	3.2***	.6***	15
ARTTURI	1-4	105	4929	97*	-9***	-5***	6***	1.4***	-2	1.1***	15**
BOTNIA (JO 1599)	1-4	70	5179	105***	0	1**	8***	2.7***	-1.0*	-.7***	-1
FILIPPA 2-t.	1-3	49	4901	93**	-11**	4***	1	14.6***	4.1***	1.5***	83*
HJAN POKKO	1-3	56	4691	93***	-7*	1***	12***	1.1**	-.7*	.3	2
INARI 2-t.	1-3	47	5346	103	-18***	6***	-2	15.2***	3.9***	.4**	3
KINNAN 2-t.	1-3	40	5579	102	-20***	4***	-3***	12.8***	2.7***	.7***	-3
LOVIISA	1-4	88	4913	100	-3	-3***	13***	4.7***	1.4***	.0	9*
NETTE 2-t.	1-3	63	5033	98	-15***	3***	2**	12.1***	3.3***	1.3***	3
PRISMA 2-t.	1-3	27	5302	96	-15*	7***	-6***	15.0***	2.7***	.5***	-4
SAANA (JO 1754) 2-t.	1-3	25	5425	97	-21**	3***	-9***	12.9***	3.3***	.5**	-1
jatkuu											

Ohra, 1938-1995, Viralliset kokeet
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjp g	Hlp kg	Valk- %	Lentonoki kpl/10 m ²
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HL weight kg	Prot.- %	Loose smut pcs/10 m ²
jatkoa									
POHTO	1-4	4896	32	90	71	37.1	63.9	11.5	2
THULE	1-4	5171	-16***	2***	5***	.7	-.2	.5***	8
TYRA 2-t.	1-3	5426	-29***	4***	-4***	10.1***	5.0***	.9***	1
VIIVI 2-t.	1-3	5198	-27***	5***	6***	10.8***	2.9***	1.5***	-3
JO 1632	1-4	5112	-17***	-5***	0	1.3***	-1.4***	.5***	-2
JO 1760 2-t.	1-3	5889	-20**	6***	-10***	7.0***	3.6***	.4**	-4
HJA 68634 2-t.	1-3	5538	-27**	8***	-9***	11.1***	4.3***	.3**	-3
HJA 87061	1-4	5546	-11***	0	5***	4.4***	.5	.1	7
BOR 88369 2-t.	1-3	5718	-7	6***	-7***	8.4***	3.2***	.8***	1
SV LH 91335 2-t.	1-2	5746	-17	7***	0	10.2***	3.1*	.6*	0
SV LH 91355 2-t.	1-3	5962	-9	7***	-9**	9.5***	1.3**	.4*	0
SV LH 92185 2-t.	1-3	5338	-10*	7***	1	15.5***	2.5*	1.4***	-1
SV LH 92217 2-t.	1-3	5401	-10*	7***	-7**	6.8***	4.4***	.8***	-1

Ohra, 1988-1995, Viralliset kokeet: Luokittelu maalajeittain
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat			Savimaat			Liijusavi			Mullamaat			Turvemaat			
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	
Variety	Coarse mineral soils			Clay			Gytija-clay			Mould			Peat soil			
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	
=C	POHTO	54	4860	100	45	4928	100	14	4049	100	5	5424	100	18	4627	100
	ARRA	54	4457	92***	45	4184	85***	14	3659	90*	5	5018	93	18	4479	97
	ARVE	50	4945	102	44	4895	98	14	3821	94*	5	5608	103	18	4898	106
	KUSTAA 2-t.	33	4718	97	33	4812	93***	14	2355	58***	3	5227	100	8	3635	77*
	KYMPPI 2-t.	32	4911	102	32	4886	94**	14	2293	57***	2	5775	95	8	3822	81
ARTTURI		44	4870	98	33	4909	91***	12	4128	95	5	5424	100	14	5023	109**
	BOTNIA (JO 1599)	31	4952	104*	27	5621	106***	7	4834	100	4	4978	101	12	4803	108*
	FILIPPA 2-t.	21	4828	97	19	5187	91**	8	3765	86*	2	4710	102	5	3793	94
	HJAN POKKO	25	4160	89***	26	4865	95**	11	3995	96	1	6430	112	11	3925	87*
	INARI 2-t.	20	5365	106*	17	5349	100	9	2869	62***	2	6045	100	2	2066	100
KINNAN 2-t.		14	5409	103	18	5491	103	9	2842	61***	2	6165	102	0	0	
	LOVIISA	34	4807	100	33	4911	98	12	3680	93	1	6070	106	13	4626	106
	METTE 2-t.	21	4841	99	30	4998	97	13	3257	81**	1	5970	104	3	6080	96
	PRISMA 2-t.	10	5350	102	9	5382	95	5	1716	39***	1	5910	92	1	3028	92
	SAANA (JO 1754) 2-t.	9	5191	100	9	5361	95	5	3638	82*	1	5570	87	0	0	
jatkuu																

Ohra, 1988-1995, Viralliset kokeet: Luokittelu maalajeittain
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkkeat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat								
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl							
Variety	Course mineral soils		Clay		Gytja-clay		Mould		Peat soil								
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.							
jatkoa	=C	POHTO	54	4860	100	45	4928	100	14	4049	100	5	5424	100	18	4627	100
		THULE	22	5084	99	17	4960	100	7	4576	106	3	5637	95	7	4969	103
		TYRA 2-t.	21	5276	103	26	5415	97	12	2489	58***	3	5460	105	2	6715	104
		VIIIVI 2-t.	17	5083	98	19	5167	96	9	4180	90*	2	5915	98	1	2973	91
		JO 1632	28	5061	101	24	5027	99	9	4623	99	4	5855	99	10	4660	106
	JO 1760 2-t.		8	5716	108	9	5906	105	5	2182	49***	1	5940	93	0	0	
		HJA 68634 2-t.	8	5247	99	9	5461	97	5	1994	45***	1	5420	85	0	0	
		HJA 87061	14	5459	104	15	5555	103	5	4578	103	3	5950	100	5	4942	101
		BOR 88369 2-t.	6	5450	103	6	5773	99	3	2123	52*	0	0	0	0	0	
		SV LH 91335 2-t.	3	5741	99	3	4937	97	0	0	0	0	0	1	7300	98	
	SV LH 91355 2-t.		4	6246	102	5	5592	98	1	2350	50	1	6850	94	0	0	
		SV LH 92185 2-t.	6	5157	97	6	4986	86*	3	1910	46*	0	0	0	0	0	
		SV LH 92217 2-t.	6	4951	93	6	5351	92*	3	1787	43*	0	0	0	0	0	

Ohra, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1			Vyöhyke 2			Vyöhyke 3			Vyöhyke 4		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Zone 1			Zone 2			Zone 3			Zone 4		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
POHTO	36	4995	100	30	5274	100	40	4704	100	25	4605	100
ARRA	36	4340	87**	30	4932	94**	40	4243	90**	25	4107	89**
ARVE	36	4978	100	29	5332	102	37	4646	99	24	5056	107**
KUSTAA 2-t.	36	4761	95*	29	5033	95*	21	4125	89*	0	0	0
KYMPPI 2-t.	34	5037	98	28	5287	100	20	4108	89*	0	0	0
ARTTURI	30	4929	94*	23	5270	96	32	4692	98	20	4920	101
BOTNIA (JO 1599)	21	5662	107**	14	5887	105*	22	4684	106**	13	4474	100
FILIPPA 2-t.	19	5156	91**	15	5173	95	15	4304	95	0	0	0
HJAN POKKO	24	4953	99	16	4984	93*	16	4006	84**	12	3632	89*
INARI 2-t.	19	5720	103	14	5601	104	14	4583	100	0	0	0
KINNAN 2-t.	19	5661	102	13	5635	105	8	5293	98	0	0	0
LOVIISA	28	5239	99	24	5349	103	24	4500	100	12	4103	100
METTE 2-t.	33	5028	101	22	5103	98	8	4861	88**	0	0	0
PRISMA 2-t.	10	5410	92	10	5452	101	7	4932	94	0	0	0
SAANA (JO 1754) 2-t.	10	5683	97	10	5043	97	5	5674	97	0	0	0

jatkuu

Ohra, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4	
jatkoa	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
POHTO	36	4995 100	30	5274 100	40	4704 100	25	4605 100
THULE	15	5255 99	11	5206 99	16	5276 104	13	4915 97
TYRA 2-t.	31	5354 101	24	5547 102	6	5312 95	0	0
VIIVI 2-t.	19	5351 97	14	5368 100	12	4755 94	0	0
JO 1632	18	5578 101	15	5392 99	23	4727 101	16	4878 102
JO 1760 2-t.	10	6203 106	9	5683 107	5	5632 97	0	0
HJA 68634 2-t.	10	5913 101	9	5323 100	5	5174 89	0	0
HJA 87061	11	5895 101	9	5616 105	13	5403 103	10	5285 101
BOR 88369 2-t.	6	6095 97	6	5373 104	4	5668 95	0	0
SV LH 91335 2-t.	3	6847 103	3	4645 93	2	6210 94	0	0
SV LH 91355 2-t.	3	7007 106	3	5152 103	3	5727 91	2	6880 95
SV LH 92185 2-t.	6	5868 94	6	4871 94	4	5243 88	0	0
SV LH 92217 2-t.	6	5963 95	6	5060 98	4	5070 85*	0	0

Ohra, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Barley, *Hordeum vulgare* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
Variety	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
POHTO	16	4773	100	14	4376	100	16	5024	100	13	5169	100	13	6132	100
ARRA	16	4505	94	14	3937	90**	16	4470	89**	13	4693	91**	13	5125	84**
ARVE	15	4960	102	13	4240	99	15	5072	101	13	5112	99	13	5594	91*
KUSTAA 2-t.	11	5196	98	8	3952	94	10	5030	99	8	5254	95	9	5284	88**
KYMPPI 2-t.	11	4988	94	8	4538	107*	10	5420	107	8	5580	101	8	5483	91*
ARTTURI	16	4970	104	14	3797	87**	16	5179	103	12	5279	102	8	5680	86**
BOTNIA (JO 1599)	16	5510	105**	16	5110	107*	14	4636	106*	16	5045	100	7	5637	108*
FILIPPA 2-t.	12	4975	96	9	4399	101	2	4159	110	4	4990	89	8	5083	84**
HJAN POKKO	15	4538	94	2	4215	109	2	5091	98	2	5660	91	1	7470	95
INARI 2-t.	12	5202	101	9	4803	110**	10	5452	107	8	5392	98	8	5994	99
KINNAN 2-t.	9	6340	106	7	4281	103	8	5999	111	7	5431	99	9	5567	93*
LOVIISA	15	4937	102	6	3427	92*	5	4904	108	7	5624	104	5	5407	94
METTE 2-t.	9	5875	99	5	4058	106	3	5702	113*	4	5133	90	9	5300	89**
PRISMA 2-t.	0	0		1	6790	117	10	5329	105	8	4955	90	8	5429	90*
SAANA (JO 1754) 2-t.	0	0		1	3550	86	8	5680	105	8	5307	96	8	5523	91**

jatkuu

Ohra, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Barley, *Hordeum vulgare* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991		V 1992		V 1993		V 1994		V 1995	
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl
Variety	Year 1991		Year 1992		Year 1993		Year 1994		Year 1995	
jatkoa	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials
POHTO	16	4773	100	14	4376	100	13	5169	100	13
THULE	1	5340	112	13	4259	95	13	5277	102	13
TYRA 2-t.	9	5978	100	7	4284	103	7	5938	104	7
VIIVI 2-t.	9	5791	97	9	4390	101	8	5179	94	9
JO 1632	16	5228	110***	14	4099	94	13	5259	102	12
JO 1760 2-t.	0	0	0	0	0	113*	8	5333	97	8
HJA 68634 2-t.	0	0	0	0	0	105	8	5141	93*	8
HJA 87051	0	0	0	1	5620	101	13	5370	104*	13
BOR 88369 2-t.	0	0	0	0	0	0	8	5300	96	8
SV LH 91335 2-t.	0	0	0	0	0	0	0	0	0	8
SV LH 91355 2-t.	0	0	0	0	0	0	0	0	0	11
SV LH 92185 2-t.	0	0	0	0	0	0	8	5506	100	8
SV LH 92217 2-t.	0	0	0	0	0	0	8	5252	95	8

Ohra, 1988-1995, Viralliset kokeet
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials

Poikkeamat miltariajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tijp g	Hlp kg	Valk.- %	Lentotoki kpl/10 m ²
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HL weight kg	Prot.- %	Loose smut pcs/10 m ²
KUSTAA 2-t.	=C	4674	13	93	67	46.5	69.4	12.1	1
ARRA	1-3	4509	13***	-10***	16***	-7.1***	-3.9***	1.1***	7
ARVE	1-3	5002	2	-8***	8***	-6.4***	-4.8***	-1	1*
POHTO	1-3	5015	17***	-4***	1	-8.8***	-4.7***	-6***	0
KYMPPI 2-t.	1-3	4908	1	1*	4***	-5	-1.5***	.0	16*
ARTTURI	1-3	5009	6*	-10***	6***	-7.6***	-4.8***	.6***	12
BOTNIA (JO 1599)	1-4	5434	16***	-4***	8***	-5.3***	-6.0***	-1.1***	0
FILIPPA 2-t.	1-3	4926	9*	-1**	1	6.9***	-2	.8***	92*
HJAN POKKO	1-3	4743	14***	-3***	12***	-7.9***	-5.6***	-.6*	2
INARI 2-t.	1-3	5359	-2	1**	1	6.4***	-.9***	-.2	4
KINNAN 2-t.	1-3	5579	-2	-1	-1	3.7***	-2.2***	.1	-2
LOVIISA	1-3	5096	13***	-7***	14***	-4.3***	-3.2***	-.7***	10
METTE 2-t.	1-3	5006	2	-1	2***	2.7***	-1.5***	.5***	4
PRISMA 2-t.	1-3	5302	-4	2***	-2*	5.1***	-2.2***	.0	-2
SAANA (JO 1754) 2-t.	1-3	5425	-9*	-2***	-4***	2.9***	-1.5***	-.1	2

jatkuu

Ohra, 1988-1995, Viralliset kokeet
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials

Poikkeamat mitautilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	sl	Lako- %	Kasvu- aika pv	Pituus cm	Typ g	Hlp kg	Valk.- %	Lentonoki kpl/10 m ²
Variety	Cultivation zone	Yield kg/ha	rel.	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pes/10 m ²
jatkoa										
KUSTAA 2-t.	=C	4674	100	1.3	93	67	46.5	69.4	12.1	1
THULE	1-3	5238	107**	-4	-4***	7***	-8.2***	-4.6***	.0	9
TYRA 2-t.	1-3	5426	107***	-9***	0	-3***	.8*	.2	.3**	1
VIIVI 2-t.	1-3	5199	102	-11**	0	8***	1.8**	-1.8***	.8***	-2
JO 1632	1-3	5287	106**	-1	-10***	3**	-7.8***	-6.2***	.0	-2
JO 1760 2-t.	1-3	5889	111***	-8	1*	-6***	-3.5***	-1.4***	-.3	-2
HJA 68634 2-t.	1-3	5538	105	-14*	4***	-5***	.7	-.6	-.3	0
HJA 87061	1-3	5686	110***	-2	-6***	8***	-6.2***	-4.7***	-.6***	7
BOR 88369 2-t.	1-3	5718	108**	2	1	-3*	-2.9***	-1.4**	0.0	1
SV LH 91335 2-t.	1-2	5746	111	-5	4**	2	.9	-.1	-.5*	0
SV LH 91355 2-t.	1-3	5962	113**	-13	2	-8***	.7	-2.1*	-.7**	0
SV LH 92185 2-t.	1-3	5338	101	-1	2***	5***	4.3***	-2.1***	.6***	0
SV LH 92217 2-t.	1-3	5401	102	-1	2***	-3*	-4.5***	-.2	.0	0

Ohra, 1988-1995, Viralliset kokeet: Luokittelu maalaajettain
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv-maat		Savimaat		Liejusavi		Multamaat		Turvemaat			
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Coarse mineral soils			Clay		Gytja-clay		Mould		Peat soil		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C	33	4718	100	33	4812	100	14	2355	100	4	4575	100
	33	4577	97	33	4366	91***	14	3659	155***	4	4575	100
	32	4911	105*	33	5004	104*	14	3821	162***	4	4985	109
	33	4846	103	33	5195	108***	14	4049	172***	3	5210	100
	31	4945	105**	32	4886	102	14	2293	97	2	5775	100
ARTTURI	27	4860	102	25	5105	98	12	4128	165***	3	5440	104
	18	5057	109**	21	5842	112**	7	4834	168*	3	5363	103
	19	4833	101	19	5187	98	8	3765	136***	2	4710	94
	17	4409	97	21	5148	103	11	3995	166***	2	4485	105
	17	5404	111***	17	5349	106*	9	2869	103	2	6045	104
KINNAN 2-t.	14	5409	108**	18	5491	109**	9	2842	102	2	6165	107
	24	4887	105	26	5130	106*	12	3680	157***	1	6070	102
	20	4875	103	30	4998	105*	13	3257	139***	2	4215	98
	10	5350	104	9	5382	104	5	1716	70	1	5910	105
	9	5191	106	9	5361	104	5	3638	148*	1	5570	99
SAANA (JO 1754) 2-t.										0	0	

jatkuu

Ohra, 1988-1995, Viralliset kokeet: Luokittelu maalajeittain
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maat		Savimaat		Liejusavi		Mulamaat		Turvemaat			
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Coarse mineral soils		Clay		Gytja-clay		Mould		Peat soil			
jatkoa	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C	33	4718	100	33	4812	100	14	2355	100	4	4575	100
	14	5065	104	14	5097	110*	7	4576	179***	1	5850	104
	21	5276	107**	26	5415	106**	12	2489	99	3	5460	104
	16	5079	103	19	5167	102	9	4180	150***	2	5915	102
	17	5163	106	18	5241	103	9	4623	166***	2	6290	109
JO 1760 2-t.	8	5716	112*	9	5906	114*	5	2182	89	1	5940	106
	8	5247	103	9	5461	106	5	1994	81	1	5420	97
	9	5437	108	11	5873	114**	5	4578	186**	1	6240	111
	6	5450	111	6	5773	109	3	2123	83	0	0	0
	3	5741	109	3	4937	114	0	0	0	0	0	0
SV LH 91335 2-t.	3	6025	114	5	5592	112*	1	2350	100	0	0	0
	6	5157	105	6	4986	94	3	1910	75	0	0	0
	6	4951	101	6	5351	101	3	1787	70*	0	0	0

Ohra, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
KUSTAA 2-t.	=C							
ARRA	37	4703 100	29	5033 100	21	4125 100	0	0
ARVE	37	4287 91***	29	4944 98	21	4299 104	0	0
POHTO	37	4927 105*	28	5362 107**	21	4656 113**	0	0
KYMPPI 2-t.	36	4995 105*	29	5305 105*	21	4651 113*	0	0
	34	5037 104*	27	5340 106***	20	4108 101	0	0
ARTTURI	30	4929 99	23	5270 101	17	4799 114*	0	0
BOTNIA (JO 1599)	21	5662 112**	14	5887 110**	11	4423 119	0	0
FILIPPA 2-t.	19	5156 98	15	5173 103	12	4253 103	0	0
HJAN POKKO	25	4856 103	15	5083 100	12	4081 104	0	0
INARI 2-t.	19	5720 110***	14	5601 108**	11	4429 105	0	0
KINNAN 2-t.	19	5661 109**	13	5635 109**	8	5293 105	0	0
LOVIISA	28	5239 105	23	5384 110**	15	4387 116**	0	0
METTE 2-t.	34	4952 106**	21	5148 105*	8	4861 97	0	0
PRISMA 2-t.	10	5410 102	10	5452 102	7	4932 100	0	0
SAANA (JO 1754) 2-t.	10	5683 107*	10	5043 100	5	5674 106	0	0

jatkuu

Ohra, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1			Vyöhyke 2			Vyöhyke 3			Vyöhyke 4		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Zone 1			Zone 2			Zone 3			Zone 4		
jatkoa	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
KUSTAA 2-t.	=C											
THULE	37	4703	100	29	5033	100	21	4125	100	0	0	0
TYRA 2-t.	15	5255	107	11	5206	101	10	5248	114**	0	0	0
VIIVI 2-t.	31	5354	107***	24	5547	108***	6	5312	101	0	0	0
JO 1632	19	5351	103	14	5368	103	11	4719	99	0	0	0
	18	5578	107*	15	5392	103	13	4764	109	0	0	0
JO 1760 2-t.	10	6203	117**	9	5683	108*	5	5632	105	0	0	0
HJA 68634 2-t.	10	5913	112*	9	5323	101	5	5174	97	0	0	0
HJA 87061	11	5895	112*	9	5616	107	8	5479	111	0	0	0
BOR 88369 2-t.	6	6095	110	6	5373	107	4	5668	107	0	0	0
SV LH 91335 2-t.	3	6847	118*	3	4645	102	1	5120	112	0	0	0
SV LH 91355 2-t.	3	7007	121	3	5152	113	3	5727	104*	0	0	0
SV LH 92185 2-t.	6	5868	106	6	4871	97	4	5243	99	0	0	0
SV LH 92217 2-t.	6	5963	108*	6	5060	101	4	5070	96	0	0	0

Ohra, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Barley, *Hordeum vulgare* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
KUSTAA 2-t.	=C														
ARRA	11	5196	100	8	3952	100	10	5030	100	8	5254	100	9	5284	100
ARVE	11	4961	95	8	3707	94	10	4711	94	8	5106	97	9	5050	96
POHTO	11	5429	104	8	3889	98	10	5338	106	8	5502	105	9	5293	100
KYMPPI 2-t.	11	5289	102	8	4223	107	10	5080	101	8	5512	105	9	5971	113**
	11	4988	96	8	4538	115*	10	5420	108**	8	5580	106	8	5483	103
ARTTURI	11	5460	105	8	3396	86	10	5243	104	8	5635	107	6	5390	92
BOTNIA (JO 1599)	11	5615	120**	11	5739	110*	8	4436	112*	10	5229	104	5	5956	120
FILIPPA 2-t.	11	5004	96	8	4336	110	2	4159	108	3	5330	91	8	5083	96
HJAN POKKO	11	5102	98	2	4215	118	2	5091	95	2	5660	104	1	7470	109
INARI 2-t.	11	5258	101	8	4726	120**	9	5453	110**	8	5392	103	8	5994	113**
KINNAN 2-t.	9	6340	109***	7	4281	110	8	5999	113*	7	5431	104	9	5567	105*
LOVIISA	11	5419	104	5	3532	101	5	4904	109	6	5786	106	5	5407	105
METTE 2-t.	9	5875	101	5	4058	112	3	5702	116	4	5133	96	9	5300	100
PRISMA 2-t.	0	0		1	6790	115	10	5329	106	8	4955	94	8	5429	102
SAANA (JO 1754) 2-t.	0	0		1	3550	110	8	5680	107	8	5307	101	8	5523	104

jatkuu

Ohra, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Barley, *Hordeum vulgare* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
jatkoa	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
KUSTAA 2-t.	11	5196	100	8	3952	100	10	5030	100	8	5254	100	9	5284	100
THULE	1	5340	117	8	3832	97	10	5503	109	8	5808	111	9	5676	107**
TYRA 2-t.	9	5978	102	7	4284	110	8	6028	113**	7	5938	107	7	5513	102
VIIVI 2-t.	9	5791	99	8	4295	109	10	5425	108*	8	5179	99	9	5176	98
JO 1632	11	5785	111**	8	3698	94	10	5399	107	8	5612	107	8	5513	104
JO 1760 2-t.	0	0		0	0		8	6135	115**	8	5333	102	8	6199	117**
HJA 68634 2-t.	0	0		0	0		8	5693	107	8	5141	98	8	5780	109
HJA 87061	0	0		1	5620	112	10	5602	111*	8	5725	109	9	5753	109*
BOR 88369 2-t.	0	0		0	0		0	0		8	5300	101	8	6135	116**
SV LH 91335 2-t.	0	0		0	0		0	0		0	0		7	5656	111*
SV LH 91355 2-t.	0	0		0	0		0	0		0	0		9	5962	113**
SV LH 92185 2-t.	0	0		0	0		0	0		8	5506	105	8	5170	97
SV LH 92217 2-t.	0	0		0	0		0	0		8	5252	100	8	5551	105

Ohra, 1988-1995, Viralliset kokeet

Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeiden tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tipp g	Hlpp kg	Valk.- %	Lentoonoki kpl/10 m ²
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Loose smut pes/10 m ²
KYMPPI 2-t.	=C	4896	14	94	72	45.8	67.8	12.0	17
ARRA	1-3	4583	11***	-10***	12***	-6.4***	-2.2***	1.1***	-9
ARVE	1-3	5070	0	-9***	4***	-5.7***	-3.1***	-1	-17*
POHTO	1-3	5064	16***	-5***	-3***	-8.2***	-3.2***	-6***	-15
KUSTAA 2-t.	1-3	4726	-1	-1*	-4***	.5	1.5***	.0	-16*
ARTTURI	1-3	5128	4	-10***	3**	-7.0***	-3.3***	.5***	-7
FILIPPA 2-t.	1-3	4944	1	-1***	-3***	7.7***	1.5***	.9***	77*
HJAN POKKO	1-3	4761	11***	-4***	8***	-6.9***	-3.5***	-5*	-15
INARI 2-t.	1-3	5359	-4	1*	-4***	7.4***	.6*	-1	-13
KINNAN 2-t.	1-3	5590	-3	-1*	-6***	4.6***	-.7**	.1	-19
LOVIISA	1-3	5088	11**	-8***	9***	-3.6***	-1.6***	-.6**	-8
METTE 2-t.	1-3	5070	2	-2***	-1*	3.7***	.3	.5***	-13*
PRISMA 2-t.	1-3	5302	-1	2***	-8***	5.4***	-1.2**	-1	-11
SAANA (JO 1754) 2-t.	1-3	5425	-4	-2***	-10***	3.3***	-.4	-1	-8
THULE	1-3	5231	1	-4***	2	-8.0***	-3.5***	.0	-1

jatkuu

Ohra, 1988-1995, Viralliset kokeet
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials

Poikkeamat mittariajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjp g	Hlp kg	Valk.- %	Lentonoki kpl/10 m ²
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HL weight kg	Prot.- %	Loose smut pes/10 m ²
jatkoa									
KYMPPI 2-t.	1-3	4896	14	94	72	45.8	67.8	12.0	17
TYRA 2-t.	1-3	5518	-10***	-1***	-7***	1.4***	1.6***	.3***	-17
VIIVI 2-t.	1-3	5210	-13**	0	3**	2.6***	-.3	.9***	-19
JO 1632	1-3	5299	-2	-10***	-2*	-7.0***	-4.6***	.0	-19
JO 1760 2-t.	1-3	5889	-4	1	-11***	-3.0***	-.2	-.3*	-11
HJA 68634 2-t.	1-3	5538	-10**	4***	-10***	1.2*	.5	-.3*	-9
HJA 87061	1-3	5711	2	-5***	2*	-5.9***	-3.6***	-.5***	-2
BOR 88369 2-t.	1-3	5718	-2	1	-9***	-1.5*	.2	-.1	2
SV LH 91335 2-t.	1-2	5746	-5	2*	-5***	2.9**	1.2	-.3	0
SV LH 91355 2-t.	1-3	6046	-4	1	-14***	2.2*	-.6	-.5*	0
SV LH 92185 2-t.	1-3	5338	-5*	2***	-1	5.6***	-.5	.6**	0
SV LH 92217 2-t.	1-3	5401	-5*	2***	-9***	-3.1***	1.4**	-.1	0

Ohra, 1988-1995, Viralliset kokeet: Luokittelu maalajeittain
Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Kärkeut kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat			
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Coarse mineral soils			Clay		Gytja-clay		Mould		Peat soil		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C	32	4911	100	32	4886	100	14	2293	100	2	5775	100
	32	4570	93*	32	4374	90***	14	3659	160***	2	5755	100
	31	4878	100	32	5010	103	14	3821	167***	2	6140	106
	32	4811	98	32	5190	106**	14	4049	177***	2	6065	105
	31	4701	95**	32	4804	98	14	2355	103	2	5785	100
ARTTURI	25	4927	98	24	5142	97	12	4128	169***	2	6035	105
	18	4807	97	19	5187	97	8	3765	155***	1	5670	98
	18	4358	95	21	5148	103	11	3995	179***	1	6430	111
	17	5404	103	17	5349	104	9	2869	107	2	6045	105
	14	5409	100	17	5513	108*	9	2842	106	2	6165	107
LOVIISA	25	4874	102	26	5130	104	12	3680	169***	1	6070	105
	20	4811	99	29	4993	104*	13	3257	150***	1	5970	103
	10	5350	96	9	5382	100	5	1716	67*	1	5910	103
	9	5191	95	9	5361	100	5	3638	142*	1	5570	97
	14	5065	95	13	5067	103	7	4576	176***	1	5850	102
PRISMA 2-t.	25	4874	102	26	5130	104	12	3680	169***	1	6070	105
	20	4811	99	29	4993	104*	13	3257	150***	1	5970	103
	10	5350	96	9	5382	100	5	1716	67*	1	5910	103
	9	5191	95	9	5361	100	5	3638	142*	1	5570	97
	14	5065	95	13	5067	103	7	4576	176***	1	5850	102
THULE	25	4874	102	26	5130	104	12	3680	169***	1	6070	105
	20	4811	99	29	4993	104*	13	3257	150***	1	5970	103
	10	5350	96	9	5382	100	5	1716	67*	1	5910	103
	9	5191	95	9	5361	100	5	3638	142*	1	5570	97
	14	5065	95	13	5067	103	7	4576	176***	1	5850	102
SAANA (JO 1754) 2-t.	25	4874	102	26	5130	104	12	3680	169***	1	6070	105
	20	4811	99	29	4993	104*	13	3257	150***	1	5970	103
	10	5350	96	9	5382	100	5	1716	67*	1	5910	103
	9	5191	95	9	5361	100	5	3638	142*	1	5570	97
	14	5065	95	13	5067	103	7	4576	176***	1	5850	102
KUSTAA 2-t.	25	4874	102	26	5130	104	12	3680	169***	1	6070	105
	20	4811	99	29	4993	104*	13	3257	150***	1	5970	103
	10	5350	96	9	5382	100	5	1716	67*	1	5910	103
	9	5191	95	9	5361	100	5	3638	142*	1	5570	97
	14	5065	95	13	5067	103	7	4576	176***	1	5850	102
POHTO	25	4874	102	26	5130	104	12	3680	169***	1	6070	105
	20	4811	99	29	4993	104*	13	3257	150***	1	5970	103
	10	5350	96	9	5382	100	5	1716	67*	1	5910	103
	9	5191	95	9	5361	100	5	3638	142*	1	5570	97
	14	5065	95	13	5067	103	7	4576	176***	1	5850	102
ARRA	25	4874	102	26	5130	104	12	3680	169***	1	6070	105
	20	4811	99	29	4993	104*	13	3257	150***	1	5970	103
	10	5350	96	9	5382	100	5	1716	67*	1	5910	103
	9	5191	95	9	5361	100	5	3638	142*	1	5570	97
	14	5065	95	13	5067	103	7	4576	176***	1	5850	102
KYMPPI 2-t.	25	4874	102	26	5130	104	12	3680	169***	1	6070	105
	20	4811	99	29	4993	104*	13	3257	150***	1	5970	103
	10	5350	96	9	5382	100	5	1716	67*	1	5910	103
	9	5191	95	9	5361	100	5	3638	142*	1	5570	97
	14	5065	95	13	5067	103	7	4576	176***	1	5850	102

jatkuu

Ohra, 1988-1995, Viralliset kokeet: Luokittelu maalaajeittain
 Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkaat kiv.maat		Savimaat		Liejusavi		Multamaat		Turvemaat							
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl				
Variety	Coarse mineral soils		Clay		Gytja-clay		Mould		Peat soil							
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.				
jatkoa																
=C	KYMPPI 2-t.	32	4911	100	32	4886	100	14	2293	100	2	5775	100	8	3822	100
	TYRA 2-t.	19	5287	101	26	5415	103*	12	2489	102	2	6255	108*	2	6715	108
	VIIVI 2-t.	16	5079	95*	18	5192	100	9	4180	156***	2	5915	102	1	2973	88
	JO 1632	17	5163	99	17	5270	102	9	4623	173***	2	6290	109	3	4284	125
	JO 1760 2-t.	8	5716	102	9	5906	110*	5	2182	85	1	5940	103	0	0	0
	HJA 68634 2-t.	8	5247	94	9	5461	102	5	1994	78*	1	5420	94	0	0	0
	HJA 87061	9	5437	99	10	5959	110*	5	4578	178**	1	6240	109	1	3264	96
	BOR 88369 2-t.	6	5450	104	6	5773	106	3	2123	98	0	0	0	0	0	0
	SV LH 91335 2-t.	3	5741	107	3	4937	101	0	0	0	0	0	0	0	0	0
	SV LH 91355 2-t.	3	6025	112	4	5668	109	1	2350	115	0	0	0	0	0	0
SV LH 92185 2-t.	6	5157	98	6	4986	92*	3	1910	89	0	0	0	0	0	0	0
	SV LH 92217 2-t.	6	4951	94	6	5351	98	3	1787	83	0	0	0	0	0	0

Ohra, 1938-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
KYMPPI 2-t.	=C							
ARRA	34 5037	100	28 5287	100	20 4108	100	0	0
ARVE	34 4443	88**	28 4949	94*	20 4309	105	0	0
POHTO	34 5103	101	27 5341	101	20 4648	113*	0	0
KUSTAA 2-t.	34 5148	102	28 5280	100	20 4616	112*	0	0
	34 4861	97*	27 5037	94***	20 4077	99	0	0
ARTTURI	28 5100	95*	21 5389	96	16 4835	114*	0	0
FILIPPA 2-t.	18 5235	95*	14 5164	97	12 4253	105	0	0
HJAN POKKO	24 4953	100	16 4984	95	12 4081	108	0	0
INARI 2-t.	19 5720	105*	14 5601	101	11 4429	105	0	0
KINNAN 2-t.	19 5661	104	13 5635	103	7 5317	107	0	0
LOVIISA	28 5239	101	24 5349	104	15 4387	119**	0	0
METTE 2-t.	32 5113	102	21 5087	100	7 4820	103	0	0
PRISMA 2-t.	10 5410	95	10 5452	96	7 4932	99	0	0
SAANA (JO 1754) 2-t.	10 5683	99	10 5043	92***	5 5674	106	0	0
THULE	15 5255	99	11 5206	93	9 5221	109	0	0

jatkuu

Ohra, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Barley, *Hordeum vulgare* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
	Zone 1	Zone 1	Zone 2	Zone 2	Zone 3	Zone 3	Zone 4	Zone 4
Variety	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
jatkoa								
KYMPPI 2-t.	34	5037 100	28	5287 100	20	4108 100	0	0
TYRA 2-t.	29	5512 103*	22	5582 102	6	5312 108*	0	0
VIIVI 2-t.	19	5351 98	14	5368 97	10	4719 98	0	0
JO 1632	18	5578 103	15	5392 96	12	4765 109	0	0
JO 1760 2-t.	10	6203 109	9	5683 101	5	5632 105	0	0
HJA 68634 2-t.	10	5913 103	9	5323 94	5	5174 97	0	0
HJA 87061	11	5895 103	9	5616 100	7	5546 112	0	0
BOR 88369 2-t.	6	6095 102	6	5373 101	4	5668 109	0	0
SV LH 91335 2-t.	3	6847 111*	3	4645 96	1	5120 106	0	0
SV LH 91355 2-t.	3	7007 114	3	5152 107	2	5945 108	0	0
SV LH 92185 2-t.	6	5868 98	6	4871 92	4	5243 101	0	0
SV LH 92217 2-t.	6	5963 100	6	5060 95	4	5070 98	0	0

Ohra, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Barley, *Hordeum vulgare* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
KYMPPI 2-t.	11	4988	100	8	4538	100	10	5420	100	8	5580	100	8	5483	100
ARRA	11	4961	99	8	3707	82**	10	4711	87*	8	5106	92	8	5168	94*
ARVE	11	5429	109*	8	3889	86**	10	5338	98	8	5502	99	8	5354	98
POHTO	11	5289	106	8	4223	93*	10	5080	94	8	5512	99	8	6047	110*
KUSTAA 2-t.	11	5196	104	8	3952	87*	10	5030	93**	8	5254	94	8	5309	97
ARTTURI	11	5460	109**	8	3396	75**	10	5243	97	8	5635	101	5	5624	95
FILIPPA 2-t.	11	5004	100	8	4336	96*	2	4159	103	3	5330	92	8	5083	93**
HJAN POKKO	11	5102	102	2	4215	94	2	5091	88	2	5660	92	1	7470	121
INARI 2-t.	11	5258	105*	8	4726	104	9	5453	102	8	5392	97	8	5994	109**
KINNAN 2-t.	9	6340	113**	7	4281	97	8	5999	104	7	5431	99	8	5623	103
LOVIISA	11	5419	109*	5	3532	84*	5	4904	101	6	5786	102	5	5407	100
METTE 2-t.	9	5875	104	5	4058	100	3	5702	106	4	5133	94	8	5319	97
PRISMA 2-t.	0	0		1	6790	109	10	5329	98	8	4955	89	8	5429	99
SAANA (JO 1754) 2-t.	0	0		1	3550	81	8	5680	99	8	5307	95	8	5523	101
THULE	1	5340	111	8	3832	84**	10	5503	102	8	5808	104	8	5700	104

jatkuu

Ohra, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Barley, *Hordeum vulgare* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
jatkoa	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
KYMPPI 2-t.	11	4988	100	8	4538	100	10	5420	100	8	5580	100	8	5483	100
TYRA 2-t.	9	5978	106*	7	4284	97	8	6028	105	7	5938	103	7	5513	99
VIIVI 2-t.	9	5791	103	8	4295	95	10	5425	100	8	5179	93**	8	5233	95*
JO 1632	11	5785	116***	8	3698	81**	10	5399	100	8	5612	101	7	5622	103
JO 1760 2-t.	0	0		0	0		8	6135	106	8	5333	96	8	6199	113**
HJA 68634 2-t.	0	0		0	0		8	5693	99	8	5141	92*	8	5780	105
HJA 87061	0	0		1	5620	95	10	5602	103	8	5725	103	8	5846	107
BOR 88369 2-t.	0	0		0	0		0	0		8	5300	95	8	6135	112**
SV LH 91335 2-t.	0	0		0	0		0	0		0	0		7	5656	105
SV LH 91355 2-t.	0	0		0	0		0	0		0	0		8	6046	110**
SV LH 92185 2-t.	0	0		0	0		0	0		8	5506	99	8	5170	94*
SV LH 92217 2-t.	0	0		0	0		0	0		8	5252	94	8	5551	101

Kaura, 1988-1995, Viralliset kokeet
Oats, *Avena sativa* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Cultivation zone	kpl	Sato kg/ha	sl	Lako- %	Kasvu- aika pv	Length cm	Typ g	Hlp kg	Valk- %	Prol. yield	Kuori- %	Ydin sato
Variety			trials	Yield kg/ha	rel.	Lodging- %	Growing time d		1000-grain weight g	HI weight kg	Prol.- %		Hull content %	Groat yield
PUHTI	1-3	=C	118	5111	100	26	98	102	35.5	51.8	13.0	568	21.8	3415
VELI	1-3		118	4943	97**	-2	-5**	-7**	-6**	2.1**	.9**	104**	1.3**	95**
SALO	1-3		117	5244	102**	-12**	1**	-23**	4.5**	1.2**	-.3**	100	.2	102*
AARRE	1-3		48	5244	99	-3	-6**	-2**	.5	1.3**	1.0**	107**	.0	99
FREJA	1-3		32	6056	109**	-3	2**	-12**	2.2**	2.5**	-.8**	102	1.1**	107**
KATRI	1-3		58	5865	106**	-12**	1	-11**	-.5*	1.2**	-.1	106**	.3*	106**
KOLBU	1-3		50	5590	106**	-6**	-5**	-13**	-.9**	.3	-.1	105**	1.6**	104**
LEILA	1-3		110	4929	96**	-4	-6**	-19**	1.8**	2.9**	.8**	102	2.2**	94**
LISBETH	1-3		44	3376	61**	-5	-3**	-8**	-7.8**	8.8**	4.2**	80**	-15.5**	73**
ROOPE (JO 1367)	1-3		36	6070	111**	-5*	-1**	-9**	-.3	-.2	.0	111**	.6**	110**
VIRMA	1-3		84	5206	102*	-6**	0	-11**	-2.5**	.9**	.0	102	.3*	102*
YTY	1-3		88	5683	104**	3	-1**	-4**	-2.0**	.6**	-.4*	101	1.3**	103**
SISKO	1-3		76	4895	96**	-3	-6**	-9**	-3.9**	.5	.5**	99	2.1**	93**
JO 1366	1-3		35	5563	102*	-3**	-1*	-6**	-1.3**	-.1	.1	103*	-1.4**	104**
HJA 82371	1-2		19	6193	114**	-5**	2*	-13**	-.5	1.2**	-1.1**	103	2.2**	111**
HJA 86008	1-3		35	6005	111**	-7**	2**	-15**	.4	1.1**	-.9**	102	2.1**	107**
BOR 1323	1-3		13	6305	108**	-1	-1	-12**	1.7**	.8	-.4*	104	2.5**	103
BOR 1357	1-3		11	6097	106*	1	-4*	-5**	1.3**	.3	.6*	112**	.5	105
BOR 87890	1-3		21	5643	107**	-10*	-3**	-22**	-1.9**	.9	-.2	104	2.7**	103
SV 86432	1-3		35	5340	98	-6*	-7**	-22**	2.2**	3.0**	1.1**	107**	1.7**	96*
SV 881330	1-3		11	6034	105*	-13	-1	-19**	-1.2*	1.9**	.3	108**	3.6**	99
SV 92190	1-2		6	6523	121**	-4	3	-18**	5.2**	2.0*	-1.1**	109*	2.6**	117**
WW 18019	1-3		51	5384	102	-6*	-6**	-17**	-3.1**	2.3**	.4**	105**	1.9**	99

Kaura, 1988-1995, Viralliset kokeet: Luokittelu maalajittain
Oats, *Avena sativa* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkkeat kiv.maat			Savimaat			Liejusavi			Multamaat			Turvemaat		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Coarse mineral soils			Clay			Gytija-clay			Mould			Peat soil		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C															
PUHTI	30	4954	100	60	5059	100	6	5175	100	14	5838	100	8	4768	100
VELI	30	4824	97	60	4821	95***	6	4955	96	14	5728	98	8	4918	103
SAIO	29	5135	103*	60	5195	103*	6	5432	105	14	5913	101	8	4692	98
AARRE	10	5261	97	26	5176	100	3	5477	101	5	6158	94	4	4333	102
FREJA	6	5740	102	20	6087	112***	3	6023	111	3	6513	104	0	0	0
KATRI	15	5905	109***	30	5786	106***	3	5750	100	6	6452	102	4	5519	112**
KOLBU	11	5511	102	27	5569	108***	3	5833	107	5	6444	99	4	4702	111
LEILA	28	4854	97	56	4770	94***	6	5100	99	13	5622	97	7	5066	106
LISBETH	8	3285	64***	26	3255	59***	3	3507	65*	6	4022	64***	1	3000	68
ROOPE (JO 1367)	7	6270	113**	20	6101	111***	2	5725	109	4	6668	106	3	4826	119
VIRMA	20	5162	105***	44	5075	101	6	5407	104	10	5722	101	4	5268	100
YTY	20	5405	103*	46	5633	104***	5	5526	105	12	6538	104	5	5365	102
SISKO	20	4705	98	36	4804	93***	3	4723	94	12	5541	98	5	4867	100
JO 1366	7	5819	105	20	5539	101	2	5550	106	3	6140	97*	3	4553	112
HJA 82371	4	5770	115	15	6401	115***	2	5645	108	2	6580	103	0	0	0
HJA 86008	7	6175	111	20	6127	112***	2	5615	107	3	6397	101	3	4666	115
BOR 1323	3	7517	114	6	5928	108*	1	6090	102	2	6440	101	1	4879	106
BOR 1357	3	7300	111*	6	5627	103	1	6060	101	0	0	0	1	5342	116
BOR 87890	4	6215	104	12	5533	105*	2	5940	113	1	6040	100	2	4665	124
SV 86432	7	5581	100	20	5323	97	2	5475	104	3	5767	91	3	4377	108
SV 881330	3	7063	107	6	5693	104	1	5940	99	0	0	0	1	5084	111
SV 92190	2	7205	131	4	6685	124**	1	6590	110	0	0	0	0	0	0
WW 18019	10	5516	102	29	5304	102	3	5693	105	5	6056	93*	4	4564	107*

Kaura, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
Oats, *Avena sativa* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1			Vyöhyke 2			Vyöhyke 3			Vyöhyke 4		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Zone 1			Zone 2			Zone 3			Zone 4		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C	44	4882	100	27	5366	100	47	5178	100	0	0	0
	44	4628	95**	27	5087	95**	47	5154	100	0	0	0
	44	5039	103*	27	5626	105**	46	5216	100	0	0	0
	17	5121	99	10	5473	97	21	5235	100	0	0	0
	17	5669	110**	9	6344	112**	6	6720	104	0	0	0
KATRI	22	5768	105**	13	6045	108**	23	5857	107**	0	0	0
KOLBU	19	5473	106*	10	6033	107**	21	5486	105*	0	0	0
LEILA	43	4677	96*	27	5125	95*	40	5067	97	0	0	0
LISBETH	20	3157	60**	9	3223	58**	15	3761	64**	0	0	0
ROOPE (JO 1367)	12	5877	113**	8	6441	110**	16	6028	111**	0	0	0
VIRMA	40	4999	103*	19	5319	102	25	5450	100	0	0	0
YTY	34	5409	103*	21	5970	105**	33	5784	104**	0	0	0
SISKO	27	4539	93**	19	5241	96	30	4996	98	0	0	0
JO 1366	12	5436	104*	7	5851	100	16	5532	102	0	0	0
HJA 82371	12	5893	113**	7	6706	115**	4	6470	109	0	0	0
HJA 86008	12	5815	111**	7	6555	112**	16	5907	109**	0	0	0
BOR 1323	4	5773	109*	4	6245	104	5	6780	110	0	0	0
BOR 1357	4	5733	108	2	5665	102	5	6560	107	0	0	0
BOR 87890	7	5590	109	4	5498	105	10	5739	106	0	0	0
SV 86432	12	5301	101	7	5723	98	16	5202	96	0	0	0
SV 881330	4	5603	106	2	5795	104	5	6475	105	0	0	0
SV 92190	4	6205	117**	2	7160	128	1	8600	140	0	0	0
WW 18019	20	5310	102	10	5687	101	21	5310	101	0	0	0

Kaura, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Oats, *Avena sativa* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991		V 1992		V 1993		V 1994		V 1995	
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials
Variety	Year 1991		Year 1992		Year 1993		Year 1994		Year 1995	
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials
PUHTI	15	5405	100	13	4913	100	11	4807	100	11
VELI	15	5446	101	13	4566	93**	11	4787	100	11
SALO	14	5806	105*	13	4784	97	11	4933	103	11
AARRE	0	0		13	4559	93**	11	4869	101	11
FREJA	0	0		7	5571	111	9	5609	108*	9
KATRI	15	5837	108***	13	5221	106*	0	0		11
KOLBU	2	5610	107	13	4960	101	11	5214	108*	11
LEILA	14	5567	101	13	4437	90**	6	4913	109*	9
LISBETH	15	3593	66***	0	0		2	4445	70*	9
ROOPE (JO 1367)	0	0		1	6340	105	13	5188	108**	11
VIRMA	13	5614	100	8	5131	104	3	5343	112	5
YTY	13	6003	107**	13	5092	104*	8	5220	104	5
SISKO	1	5940	125	1	5300	88	7	4609	97	3
JO 1366	0	0		0	0		11	4801	100	11
HJA 82371	0	0		0	0		9	5571	107*	7
HJA 86008	0	0		0	0		11	5280	110**	11
BOR 1323	0	0		1	6140	102	0	0		11
BOR 1357	0	0		0	0		0	0		11
BOR 87E90	0	0		0	0		11	5233	109*	10
SV 86432	0	0		0	0		11	4833	101	11
SV 881330	0	0		0	0		0	0		11
SV 92190	0	0		0	0		0	0		7
WW 18019	1	5650	109	13	4727	96	11	5051	105	11

Kaura, 1988-1995, Viralliset kokeet
Oats, *Avena sativa* L., 1988-1995, Official variety trials

Poikkeamat mittaritajukkeen tulokista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Lako- %	Kasvu- aika pv	Pituus cm	Tjpp g	Hlp kg	Valk.- %	Prot.- %	Prot. yield	Valk.- sato	Kuori- %	Ydin sato
Variety	Cultivation zone	Yield kg/ha	Lodging- %	Growing time d	Length cm	1000-grain weight g	HI weight kg	Prot.- %	Prot.- %	Hull content %	Groat yield		
	=C												
SALO	1-3	5244	13	99	79	40.1	53.0	12.7	12.7	569	4112	22.0	4112
VELI	1-3	4947	11***	-7***	16***	-5.1***	.9***	1.3***	1.3***	104**	93***	1.2***	93***
PUHTI	1-3	5121	12***	-1***	23***	-4.5***	-1.2***	.3***	.3***	100	98*	-2	98*
AARRE	1-3	5244	7**	-8***	21***	-3.9***	.2	1.0***	1.0***	106**	99	-3	99
FREJA	1-3	6056	7**	1*	11***	-2.4***	1.3***	-8***	-8***	101	107***	.7***	107***
KATRI	1-3	5885	6*	-1***	14***	-4.6***	.1	.3**	.3**	107***	103***	-2	103***
KOLBU	1-3	5590	6*	-6***	11***	-5.2***	-8***	-1	-1	104**	104**	1.3***	104**
LEILA	1-3	4929	9***	-7***	4***	-2.7***	1.7***	1.1***	1.1***	102	92***	2.0***	92***
LISBETH	1-3	3390	11***	-4***	14***	-12.0***	8.4***	4.7***	4.7***	81***	72***	-15.8***	72***
ROOPE (JO 1367)	1-3	6070	5***	-3***	16***	-4.5***	-9**	-2	-2	109***	110***	.4*	110***
VIRMA	1-3	5206	6***	-1***	11***	-7.1***	-4*	.6***	.6***	103**	99	.1	99
YTY	1-3	5683	17***	-3***	19***	-2.4***	-3	.0	.0	102	101	.8***	101
SISKO	1-3	4895	8***	-7***	14***	-8.6***	-5*	.8***	.8***	99	91***	1.9***	91***
JO 1366	1-3	5563	7**	-2***	19***	-5.5***	-7**	.0	.0	101	104***	-1.6***	104***
HJA 82371	1-2	6193	5	1	10***	-4.9***	.2	-1.0***	-1.0***	100	108***	1.7***	108***
HJA 86008	1-3	6005	3***	1*	10***	-3.8***	.5*	-1.0***	-1.0***	100	107***	1.8***	107***
BOR 1323	1-3	6305	9	-3*	11***	-1.6**	.0	-4	-4	104	104*	1.8***	104*
BOR 1357	1-3	6097	12	-6**	18***	-1.9**	-3	.6*	.6*	108*	103	.1	103
BOR 87890	1-3	5643	-1	-5***	0	-6.1***	.2	-4	-4	101	101	2.6***	101
SV 86432	1-3	5340	4	-8***	3**	-2.0***	2.3***	.9***	.9***	104	95**	1.4***	95**
SV 881330	1-3	6034	-2	-3*	4**	-4.6***	1.1*	.3	.3	105	98	3.0***	98
SV 92190	1-2	6523	1	2*	5	1.4	.5	-1.0*	-1.0*	106	113*	1.6*	113*
WW 18019	1-3	5384	6**	-7***	6***	-7.4***	1.2***	.4**	.4**	104*	98	1.6***	98

Kaura, 1988-1995, Viralliset kokeet: Luokittelu maalajeittain
Oats, *Avena sativa* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Kärkeat kiv.maat		Savimaat		Liejusavi		Mullamaat		Turvemaat	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay		Gytja-clay		Mould		Peat soil	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	29 5135	100	60 5195	100	6 5432	100	14 5913	100	8 4692	100
	29 4837	94***	60 4821	93***	6 4955	91	14 5728	97	8 4918	105
	29 4991	97*	60 5059	97*	6 5175	95	14 5838	99	8 4768	102
	10 5261	97	26 5176	99	3 5477	102	5 6158	98	4 4333	105
	6 5740	102	20 6087	109***	3 6023	112*	3 6513	110	0	0
FREJA	14 5990	104*	30 5786	103*	3 5750	100	6 6452	102	4 5519	111*
	11 5511	101	27 5569	106***	3 5833	109	5 6444	103	4 4702	113*
	28 4854	94**	56 4770	91***	6 5100	94	13 5622	95*	7 5066	109
	7 3357	61**	26 3255	58***	3 3507	63**	6 4022	63***	1 3000	67
	7 6270	110**	20 6101	109***	2 5725	110	4 6668	113	3 4826	121
(JO 1367)										
VIRMA	20 5162	102	44 5075	98	6 5407	100	10 5722	97	4 5268	101
	20 5405	100	46 5633	102	5 5526	101	12 6538	104*	5 5365	106
	20 4705	94***	36 4804	91***	3 4723	91	12 5541	97	5 4867	103
	7 5819	102	20 5539	99	2 5550	107	3 6140	103	3 4553	114
	4 5770	111	15 6401	110***	2 5645	108	2 6580	109	0	0
HJA 82371	7 6175	108	20 6127	109***	2 5615	108*	3 6397	108	3 4666	117
	3 7517	108	6 5928	106	1 6090	109	2 6440	108	1 4879	100
	3 7300	105	6 5627	101	1 6060	109	0	0	1 5342	109
	4 6215	103	12 5533	102	2 5940	114	1 6040	103	2 4665	112
	7 5581	98	20 5323	95**	2 5475	105	3 5767	97	3 4377	109
SV 881330	3 7063	102	6 5693	102	1 5940	107	0	0	1 5084	104
	2 7205	119	4 6685	117*	1 6590	118	0	0	0	0
	10 5516	102	29 5304	99	3 5693	106	5 6056	97	4 4564	110
WW 18019										

Kaura, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
Oats, *Avena sativa* L., 1988-1995, Official variety trials: Classification according to zones

Lajike Variety	Vyöhyke 1			Vyöhyke 2			Vyöhyke 3			Vyöhyke 4		
	kpl kg/ha	sl	rel.	kpl kg/ha	sl	rel.	kpl kg/ha	sl	rel.	kpl kg/ha	sl	rel.
	Zone 1			Zone 2			Zone 3			Zone 4		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C	44	5039	100	27	5626	100	46	5216	100	0	0	0
	44	4628	92***	27	5087	90***	46	5170	99	0	0	0
	44	4882	97*	27	5366	95***	46	5207	100	0	0	0
	17	5121	98	10	5473	95*	21	5235	102	0	0	0
	17	5669	109**	9	6344	109**	6	6720	106	0	0	0
KATRI	22	5768	100	13	6045	103	22	5908	107***	0	0	0
	19	5473	104*	10	6033	105*	21	5486	106**	0	0	0
	43	4677	93***	27	5125	91***	40	5067	96*	0	0	0
	20	3157	58***	9	3223	54***	14	3831	65***	0	0	0
	12	5877	108***	8	6441	108	16	6028	113***	0	0	0
ROOPE (JO 1367)	40	4999	100	19	5319	96	25	5450	99	0	0	0
	34	5409	100	21	5970	100	33	5784	105***	0	0	0
	27	4539	90***	19	5241	93***	30	4996	97*	0	0	0
	12	5436	100	7	5851	97	16	5532	104	0	0	0
	12	5893	109***	7	6706	112*	4	6470	111	0	0	0
HJA 82371	12	5815	107**	7	6555	109*	16	5907	111***	0	0	0
	4	5773	104	4	6245	106*	5	6780	110*	0	0	0
	4	5733	103	2	5665	98	5	6560	106*	0	0	0
	7	5590	105	4	5498	99	10	5739	106*	0	0	0
	12	5301	98	7	5723	95	16	5202	98	0	0	0
SV 86432	4	5603	101	2	5795	100	5	6475	105**	0	0	0
	4	6205	111*	2	7160	124*	1	8600	128	0	0	0
	20	5310	99	10	5687	99	21	5310	103	0	0	0

Kaura, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Oats, *Avena sativa* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
Variety	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
SALO	14	5806	100	13	4784	100	13	5635	100	11	4933	100	11	5892	100
VELI	14	5518	95	13	4566	95	13	5670	101	11	4787	97	11	5795	98
PUHTI	14	5514	95*	13	4913	103	13	5706	101	11	4807	97	11	5736	97
AARRE	0	0		13	4559	95	13	5892	105	11	4869	99	11	5663	96
FREJA	0	0		7	5571	116***	7	6464	107	9	5609	106**	9	6561	107
KATRI	14	5916	102	13	5221	109***	0	0		0	0		11	6216	106*
KOLBU	2	5610	98	13	4960	104	13	6054	107**	11	5214	106*	11	6160	105
LEILA	14	5567	96	13	4437	93*	13	5442	97	6	4913	102	9	5783	94*
LISBETH	14	3651	63***	0	0		0	0		2	4445	73**	9	3238	57***
ROOPE (JO 1367)	0	0		1	6340	111	13	6377	113***	11	5188	105	11	6563	111***
VIRMA	13	5614	95**	8	5131	107	4	5577	101	3	5343	107	5	6710	103
YTY	13	6003	102	13	5092	106**	13	5830	103	8	5220	101	5	6588	101
SISKO	1	5940	108	1	5300	93	13	5481	97	7	4609	95	3	5740	97
JO 1366	0	0		0	0		13	5817	103	11	4801	97	11	6025	102
HJA 82371	0	0		0	0		7	6844	113***	9	5571	106*	7	6499	112*
HJA 86008	0	0		0	0		13	6213	110***	11	5280	107*	11	6485	110**
BOR 1323	0	0		1	6140	108	1	6740	108	0	0		11	6281	107**
BOR 1357	0	0		0	0		0	0		0	0		11	6097	103
BOR 87890	0	0		0	0		0	0		11	5233	106*	10	6095	103
SV 86432	0	0		0	0		13	5666	101	11	4833	98	11	5463	93**
SV 881330	0	0		0	0		0	0		0	0		11	6034	102
SV 92190	0	0		0	0		0	0		0	0		7	6820	118**
WW 18019	1	5650	99	13	4727	99	13	5663	100	11	5051	102	11	5987	102

Kaura, 1988-1995, Viralliset kokeet
Oats, *Avena sativa* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	sl	Lako- %	Kasvu- aika pv	Pituus cm	Tipp g	Hlp kg	Valk.- %	Valk.- sato	Kuori- %	Ydin sato
Variety	Cultivation zone	Yield kg/ha	rel.	Lodging- %	Growing time d	Length cm	1000-grain weight g	Hl weight kg	Prot.- %	Prot.- yield	Hull content %	Groat yield
	=C											
VELI	1-4	134	100	25	94	97	35.3	53.8	14.0	596	22.9	3878
SALO	1-3	117	106***	-11***	7***	-16***	5.1***	-9***	-1.3***	96***	-1.2***	107***
PUHTI	1-3	118	103***	2	5***	7***	.6***	-2.1***	-.9***	96***	-1.3***	105***
AARRE	1-4	56	5370 101	-3*	0	4***	1.3***	-.7***	.0	102	-1.6***	103***
FREJA	1-3	32	6056 112***	0	7***	-6***	3.1***	.6	-1.8***	98	-.7***	113***
KATRI	1-3	59	5862 110***	-7	7***	-4***	.0	-1.1***	-1.1***	102	-1.1***	111***
KOLBU	1-4	56	5679 107***	-4	1***	-7***	.0	-1.7***	-1.1***	99	.1	107***
LEILA	1-4	123	4975 100	2	-1**	-13***	2.3***	.7***	-.2	98	.8***	99
LISBETH	1-3	44	3376 63***	3	2***	-1	-7.3***	7.1***	3.4***	78***	-16.8***	77***
ROOPE (JO 1367)	1-3	36	6070 112***	-3	4***	-3***	.0	-2.2***	-.9***	103*	-.8***	113***
VIRMA	1-3	84	5206 107***	-4	5***	-4***	-1.8***	-1.3***	-.9***	99	-1.0***	108***
YTY	1-3	88	5683 108***	5*	4***	3***	2.6***	-1.5***	-1.3***	98	-.2	108***
SISKO	1-4	88	4992 100	-4*	-1*	-2***	3.7***	-1.5***	-.5***	97***	.8***	99
JO 1366	1-3	35	5563 102*	-1	5***	0	-.9**	-2.0***	-.8***	96**	-2.9***	106***
HJA 82371	1-2	19	6193 115***	-4*	6***	-8***	.1	-.7	-1.9***	98	.3	115***
HJA 86038	1-3	35	6005 111***	-5	8***	-9***	.7	-.8*	-1.7***	95*	.6*	109***
BOR 1323	1-3	13	6305 108*	6	5***	-7***	1.9**	-.7*	-1.3***	97	.8*	105
BOR 1357	1-3	11	6097 105*	8	1	0	1.5*	-1.5***	-.2	104	-1.0	106*
BOR 87890	1-4	25	5849 107***	-11*	1	-17***	-1.5***	-1.5***	-1.2***	97	1.6***	104**
SV 86432	1-4	41	5415 98	-5*	-1***	-16***	2.7***	1.2***	.2	99	.3	97
SV 881330	1-4	13	6275 104	-9*	4***	-14***	-1.1**	-.3	-.4	100	2.1***	100
SV 92190	1-2	6	6523 122**	-4**	6**	-12***	6.1***	0.0	-1.7**	105	.7	121**
WW 18019	1-4	59	5461 103*	-3	0	-11***	-2.4***	.2	-.5***	99	.4**	102

Kaura, 1988-1995, Viralliset kokeet: Luokittelu maalaajettain
Oats, *Avena sativa* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat			Savimaat			Liejusavi			Multamaat			Turvemaat		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Coarse mineral soils			Clay			Gytja-clay			Mould			Peat soil		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C	38	4956	100	60	4821	100	6	4955	100	15	5892	100	15	4841	100
	29	5135	106***	60	5195	108***	6	5432	110	14	5913	103	8	4692	95
	30	4954	103	60	5059	105***	6	5175	104	14	5838	102	8	4768	97
	14	5382	100	26	5176	103	3	5477	102	6	6490	100	7	5063	101
	6	5740	104	20	6087	115***	3	6023	112*	3	6513	111	0	0	0
KATRI	16	5889	111***	30	5786	111***	3	5750	101	6	6452	108*	4	5519	106
KOLBU	14	5619	105**	27	5569	110***	3	5833	108	6	6735	103	6	5183	103
LEILA	34	4982	100	56	4770	99	6	5100	103	14	5737	97	13	4962	104
LISBETH	9	3393	63***	26	3255	62***	3	3507	68	7	4126	63***	1	3000	68
ROOPE (JO 1367)	7	6270	112*	20	6101	113***	2	5725	109	4	6668	111*	3	4826	106
VIRMA	20	5162	107***	44	5075	108***	6	5407	109*	10	5722	102	4	5268	101
YTY	20	5405	105*	46	5633	110***	5	5526	107*	12	6538	108**	5	5365	102
SISKO	26	4992	102	36	4804	100	3	4723	98	13	5724	99	10	4802	99
JO 1366	7	5819	104	20	5539	103	2	5550	106*	3	6140	99	3	4553	100
HJA 82371	4	5770	115	15	6401	117***	2	5645	108	2	6580	107	0	0	0
HJA 86008	7	6175	110	20	6127	113***	2	5615	107	3	6397	103	3	4666	103
BOR 1323	3	7517	112	6	5928	110	1	6090	105	2	6440	106	1	4879	91
BOR 1357	3	7300	109	6	5627	104	1	6060	105	0	0		1	5342	100
BOR 87890	6	6394	106*	12	5533	106**	2	5940	113	2	7227	105	3	5040	108
SV 86432	10	5618	99	20	5323	99	2	5475	105	4	6126	91*	5	4782	99
SV 881330	4	7125	106	6	5693	105	1	5940	103	1	7890	96	1	5084	95
SV 92190	2	7205	129	4	6685	126*	1	6590	114	0	0		0	0	0
WW 18019	14	5590	104	29	5304	104*	3	5693	106	6	6305	97	7	5035	100

Kaura, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
Oats, *Avena sativa* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1			Vyöhyke 2			Vyöhyke 3			Vyöhyke 4		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Zone 1			Zone 2			Zone 3			Zone 4		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
VELI	44	4628	100	27	5087	100	48	5150	100	15	5343	100
SALO	44	5039	109***	27	5626	111***	46	5216	101	0	0	0
PUHTI	44	4882	105***	27	5366	105**	47	5178	100	0	0	0
AARRE	17	5121	103	10	5473	101	22	5204	99	7	6350	105*
FREJA	17	5669	114***	9	6344	115***	6	6720	106	0	0	0
KATRI	22	5768	109***	13	6045	113***	24	5848	108***	0	0	0
KOLBU	19	5473	109***	10	6033	111***	22	5481	104**	5	6629	104
LEILA	43	4677	101	27	5125	101	40	5067	98*	13	5366	100
LISBETH	20	3157	64***	9	3223	59***	15	3761	65***	2	4508	60
ROOPE (JO 1367)	12	5877	115***	8	6441	112**	16	6028	109***	0	0	0
VIRMA	40	4999	109***	19	5319	109**	25	5450	101	0	0	0
YTY	34	5409	108***	21	5970	111***	33	5784	105***	0	0	0
SISKO	27	4539	99	19	5241	103	30	4996	98	12	5609	103
JO 1366	12	5436	106**	7	5851	101	16	5532	100	0	0	0
HJA 82371	12	5893	115***	7	6706	116**	4	6470	114	0	0	0
HJA 860J8	12	5815	114***	7	6555	113**	16	5907	107*	0	0	0
BOR 1323	4	5773	112	4	6245	106	5	6780	107	0	0	0
BOR 1357	4	5733	111*	2	5665	99	5	6560	104	0	0	0
BOR 87890	7	5590	111*	4	5498	105	10	5739	104	4	6927	109*
SV 86432	12	5301	104	7	5723	99	16	5202	94**	6	5850	97
SV 881330	4	5603	108	2	5795	101	5	6475	103	2	7600	102
SV 92190	4	6205	120*	2	7160	125	1	8600	142	0	0	0
WW 18019	20	5310	104**	10	5687	105	22	5288	101	7	6117	101

Kaura, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Oats, *Avena sativa* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991		V 1992		V 1993		V 1994		V 1995	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
	Year 1991		Year 1992		Year 1993		Year 1994		Year 1995	
Variety	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C										
VELI	17	5294 100	15	4701 100	15	5619 100	13	4862 100	13	6055 100
SALO	14	5806 105	13	4784 105	13	5635 99	11	4933 103	11	5892 102
PUHTI	15	5405 99	13	4913 108**	13	5706 101	11	4807 100	11	5736 99
AARRE	0	0	15	4681 100	15	5871 104*	13	5007 103	13	5950 98
FREJA	0	0	7	5571 120***	7	6464 111**	9	5609 111**	9	6561 110*
KATRI	15	5837 107**	14	5252 114***	0	0	0	0	11	6216 107*
KOLBU	2	5610 102	15	5088 108**	15	5984 106**	11	5214 109**	13	6414 106**
LEILA	16	5427 101	14	4541 97	15	5468 97	6	4913 107	11	5970 96
LISBETH	15	3593 66***	0	0	0	0	2	4445 74	11	3469 59***
ROOPE (JO 1367)	0	0	1	6340 119	13	6377 112***	11	5188 108***	11	6563 113**
VIRMA	13	5614 100	8	5131 112*	4	5577 108	3	5343 112*	5	6710 105
YTY	13	6003 107**	13	5092 112**	13	5830 103	8	5220 106	5	6588 103
SISKO	1	5940 104	1	5300 99	15	5508 98	9	4826 99	5	6476 102
JO 1366	0	0	0	0	13	5817 103	11	4801 100	11	6025 104
HJA 82371	0	0	0	0	7	6844 118***	9	5571 110**	7	6499 119*
HJA 86008	0	0	0	0	13	6213 110**	11	5280 110***	11	6485 112**
BOR 1323	0	0	1	6140 115	1	6740 99	0	0	11	6281 108*
BOR 1357	0	0	0	0	0	0	0	0	11	6097 105*
BOR 87890	0	0	0	0	0	0	13	5324 110***	12	6417 105*
SV 86432	0	0	0	0	15	5641 100	13	4906 101	13	5663 94**
SV 881330	0	0	0	0	0	0	0	0	13	6275 104
SV 92190	0	0	0	0	0	0	0	0	7	6820 125**
WW 18019	1	5650 97	15	4856 103	15	5610 100	13	5120 105	13	6199 102

Herne, 1988-1995, Viralliset kokeet
Pea, *Pisum sativum* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeiden tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	sl	Kasvu- aika	Pituus cm	Lako- %	Kukinnan kesto	Tsp g	Valk.- %	Keitto 60 min.	Virheiden herne-%
Variety	Cultivation zone	Yield kg/ha	rel.	Growing time d	Length cm	Lodging- %	Strength of flowering d	1000 seed weight g	Prot.- %	Cooking 60 min.	Perfect pea %
PIKA	=C	50	2823	100	87	25	13	225	21.4	91	90.3
ALFETTA	1-2	15	4012	131***	7***	-6	-2**	80***	-2.1***	-3	-7.8
JULIA	1-2	18	4008	145***	6***	15	0	2	-5	-22**	-3
KARITA	1-2	18	3508	122***	6***	-13*	-4***	60***	-1.1**	0	.1
SAARA	1-2	27	3585	129***	8***	14**	3***	1	-7*	-8*	-1.4
SCORPIO	1-2	33	4015	137***	4***	23***	-2***	49***	-1.2***	-9*	-6.1***
SUNNA	1-2	23	3115	104	-2**	16***	0	9***	-9**	-13	-2
TIINA	1-2	40	3608	125***	5***	15***	1*	-2	-1.1***	0	-1.1
HOVI	1-2	45	3078	106	5***	12**	-1*	-29***	-1.0***	-11**	-3.3*
PANU	1-2	41	3060	105	5***	17***	1**	-1	-1.6***	-8*	-1.3
SOHVI	1-2	34	3372	118***	8***	34***	1	1	1.3***	-7*	-6.1**
SOLARA	1-2	40	3494	123***	8***	6	-1**	86***	-3	-6**	-4.6**
BOR 1162	1-2	5	2702	107	1	15	1	22**	-1	-4	-1
BOR 1161	1-2	10	3405	116	9***	13	1	24**	1.4*	0	-2
BOR 1173	1-2	10	2824	96	-1	17*	0	9	-4	-2	.2
BOR 57319	1-2	10	3846	131**	6***	-6	3	-8	-7	-24	-2.4
HJA 55638	1-2	14	4165	135***	7***	31**	4**	6	.1	-21	-1.8
SVE 08328	1-2	13	3589	116*	4**	-5	-2	4	-6*	-4	2.9

Herne, 1988-1995, Viralliset kokeet: Luokittelu maatalajittain
 Pea, *Pisum sativum* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savet ja hiesut	
	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay and silt	
	trials	kg/ha rel.	trials	kg/ha rel.
=C				
PIKA	6	3428 100	44	2740 100
ALFETTA	3	4900 152	12	3790 125**
JULIA	3	4967 142*	15	3816 146**
KARITA	3	4590 121	15	3291 122**
SAARA	4	3953 111	23	3521 133**
SCORPIO	4	4365 123	29	3967 140**
SUNNA	4	3630 102	19	3007 105
TIINA	6	3892 114	34	3558 128**
HOVI	5	3452 100	40	3031 107
PANU	5	3276 95	36	3030 106
SOHVI	5	2974 86	29	3441 125**
SOLARA	4	4168 118	36	3420 124**
BOR 1162	1	4030 121	4	2370 102
BOR 1164	2	4270 125	8	3189 113
BOR 1173	2	3625 106	8	2624 93
BOR 57319	2	4460 130	8	3693 131*
HJA 55638	2	4725 138	12	4071 134**
SVE 08328	3	4300 130	10	3376 111*

Herne, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Pea, *Pisum sativum* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Variety	Vyöhyke 1		Vyöhyke 2	
		kpl	kg/ha sl	kpl	kg/ha sl
		Zone 1		Zone 2	
		trials	kg/ha rel.	trials	kg/ha rel.
=C	PIKA	34	2724 100	16	3033 100
	ALFETTA	10	4290 135**	5	3458 121*
	JULIA	13	3827 154**	5	4478 129**
	KARITA	12	3734 126**	6	3055 112
	SAARA	20	3662 132**	7	3364 121*
	SCORPIO	25	3973 140**	8	4146 129**
	SUNNA	16	3279 106	7	2741 98
	TIINA	28	3710 130**	12	3368 114*
	HOVI	30	3164 112*	15	2907 95
	PANU	27	3011 108	14	3154 100
	SOHVI	23	3439 120**	11	3232 115*
	SOLARA	31	3456 127**	9	3627 111
	BOR 1162	3	3253 115	2	1875 90
	BOR 1164	6	3824 125	4	2777 101
	BOR 1173	6	3067 100	4	2459 89
	BOR 57319	6	4246 139*	4	3247 118
	HJA 55638	9	4428 137**	5	3691 129**
	SVE 08328	7	3765 115*	6	3384 117

Herne, 1991-1995, Viralliset kokeet: Luokiteltu vuosittain
 Pea, *Pisum sativum* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
Variety	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
PIKA	8	3029	100	8	2130	100	6	3054	100	6	3510	100	6	3029	100
ALFETTA	1	5480	194	0	0		4	4728	136*	5	3698	111	5	3461	137
JULIA	6	4140	145**	5	3129	156*	4	4206	134**	0	0		1	4800	134
KARITA	0	0		5	3742	144**	3	3648	116	5	3412	102	5	3285	130
SAARA	6	3892	136**	7	3370	144***	4	4364	125*	5	3394	102	5	3240	128*
SCORPIO	6	4047	142***	6	3440	148***	4	4229	122	5	3479	104	5	4536	147**
SUNNA	4	3765	114	7	2707	116**	5	3257	107	6	3281	93	5	2964	89
TIINA	7	3678	128***	7	3065	132**	6	3888	127*	6	3541	101	6	3657	121
HOVI	8	2909	96	7	2747	118	6	3447	113	5	3282	89	2	2585	101
PANU	8	3143	104	6	2370	98	6	3470	114	4	3479	94	0	0	
SOHVI	7	3509	112	7	3205	138*	6	3448	113	4	3284	93	2	3830	150
SOLARA	5	3698	133*	6	3137	135**	4	4371	126*	5	3464	104	1	1490	96
BOR 1162	0	0		0	0		0	0		0	0		5	2702	107
BOR 1164	0	0		0	0		0	0		5	3200	96	5	3611	143*
BOR 1173	0	0		0	0		0	0		5	2979	89*	5	2669	105
BOR 57319	0	0		0	0		0	0		5	3742	112*	5	3951	156*
HJA 55638	0	0		0	0		5	4486	147*	5	3835	115**	5	4085	161**
SVE 08328	0	0		0	0		4	4056	129	5	3507	105	5	3794	114

Herne, 1988-1995, Viralliset kokeet
Pea, *Pisum sativum* L., 1988-1995, Official variety trials

Poikkeamat mitarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	sl	Kasvu- aika	Pituus cm	Lako- %	Kukinnan kesto	Tsp g	Valk.- %	Keitto 60 min.	Virheetön herne-%
Variety	Cultivation zone	Yield kg/ha	rel.	Growing time d	Length cm	Lodging- %	Strength of flowering d	1000 seed weight g	Prot.- %	Cooking 60 min.	Perfect pea %
TIINA	1-2	40	3608	100	54	39	15	222	20.1	90	88.9
ALFETTA	1-2	15	4012	117**	-6***	-23**	-3**	82***	-1.2***	-4	-7.4
JULIA	1-2	17	4161	113***	1	3	-1	7*	.5	-18*	.2
KARITA	1-2	17	3616	105	4**	-27***	-4***	62***	-5.5**	0	.1
PIKA	1-2	40	2886	80***	-12***	-15***	-1*	2	1.1***	0	1.1
SAARA	1-2	26	3669	107***	5**	1	2***	4	.2	-8**	-.9
SCORPIO	1-2	32	4087	109***	-3*	7	-3***	52***	-.1	-8	-4.7***
SUNNA	1-2	22	3222	89***	-8***	-2	-1	13**	.1	-15	.4
HOVI	1-2	36	3276	89***	-6***	-1	-2***	-28***	.0	-11**	-2.2*
PANU	1-2	32	3189	86***	-4***	2	0	-1	-.2	-10*	.5
SOHVI	1-2	27	3512	102	2	16**	0	2	2.2***	-10*	-4.5**
SOLARA	1-2	32	3746	102	-11***	-11**	-2***	88***	.6**	-7**	-2.8*
BOR 1162	1-2	5	2702	89	-10**	-3	-1	29**	.0	-2	.1
BOR 1164	1-2	10	3405	107	5**	-1	0	28***	2.0**	-4	.9
BOR 1173	1-2	10	2824	89*	-7***	3	-1	13*	.1	-6*	1.3
BOR 57319	1-2	10	3846	121*	-1	-21**	2	-4	-.2	-28	-1.2
HJA 55638	1-2	14	4165	121***	14***	13	3**	8*	1.1**	-22*	-1.3
SVE 08328	1-2	13	3589	104	6**	-22**	-2**	9	.5*	-4	2.7

Herne, 1988-1995, Viralliset kokeet: Luokittelu maalaajettain
 Pea, *Pisum sativum* L., 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savet ja hiesut	
	kpl	kg/ha sl	kg/ha	sl
Variety	Coarse mineral soils		Clay and silt	
	trials	kg/ha rel.	trials	kg/ha rel.
=C				
TIINA	6	3892 100	34	3558 100
ALFETTA	3	4900 132	12	3790 113*
JULIA	3	4967 126	14	3988 110**
KARITA	3	4590 109	14	3408 104
PIKA	6	3428 88	34	2790 78***
SAARA	4	3953 99	22	3618 108***
SCORPIO	4	4365 109	28	4047 109***
SUNNA	4	3630 91	18	3131 89***
HOVI	5	3452 92	31	3248 89***
PANU	5	3276 87*	27	3173 85***
SOHVI	5	2974 79*	22	3634 107
SOLARA	4	4168 110	28	3686 100
BOR 1162	1	4030 89	4	2370 89
BOR 1164	2	4270 109	8	3189 106
BOR 1173	2	3625 93	8	2624 87
BOR 57319	2	4460 114	8	3693 123*
HJA 55638	2	4725 121	12	4071 121***
SVE 08328	3	4300 112	10	3376 101

Herne, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Pea, *Pisum sativum* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2	
	kpl	kg/ha sl	kpl	kg/ha sl
	Zone 1		Zone 2	
Variety	trials	kg/ha rel.	trials	kg/ha rel.
=C				
TIINA	28 3710	100	12 3368	100
ALFETTA	10 4290	115*	5 3458	122
JULIA	12 4028	114**	5 4478	110
KARITA	11 3923	104	6 3055	109
PIKA	28 2859	77***	12 2949	88*
SAARA	19 3782	105*	7 3364	113**
SCORPIO	24 4067	107*	8 4146	114**
SUNNA	15 3446	88**	7 2741	92
HOVI	25 3396	90***	11 3005	88*
PANU	22 3235	86***	10 3087	85***
SOHVI	18 3688	101	9 3161	104
SOLARA	25 3768	102	7 3669	102
BOR 1162	3 3253	88	2 1875	94
BOR 1164	6 3824	108	4 2777	105
BOR 1173	6 3067	86*	4 2459	93
BOR 57319	6 4246	120*	4 3247	123
HJA 55638	9 4428	117**	5 3691	130*
SVE 08328	7 3765	97	6 3384	113

Herne, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Pea, *Pisum sativum* L., 1991-1995, Official variety trials: Classification according to years

Lajike	Variety	V 1991		V 1992		V 1993		V 1994		V 1995	
		kpl	sl	kpl	sl	kpl	sl	kpl	sl	kpl	sl
		Year 1991		Year 1992		Year 1993		Year 1994		Year 1995	
		trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
	=C										
TIINA		7	3678 100	7	3065 100	6	3888 100	6	3541 100	6	3657 100
ALFETTA		1	5480 166	0	0	4	4728 116*	5	3698 110	5	3461 115
JULIA		6	4140 115*	4	3559 118	4	4206 112**	0	0	1	4800 100
KARITA		0	0	4	4263 111	3	3648 97	5	3412 102	5	3285 109
PIKA		7	2868 78**	7	2329 76**	6	3054 79*	6	3510 99	6	3029 83
SAARA		6	3892 108	6	3700 108*	4	4364 107	5	3394 101	5	3240 107
SCORPIO		6	4047 113	5	3786 112**	4	4229 104	5	3479 104	5	4536 120
SUNNA		4	3765 94	6	3030 88	5	3257 83*	6	3281 93	5	2964 74
HOVI		7	2970 81**	7	2747 90	6	3447 89	5	3282 90	2	2585 88
PANU		7	3190 87**	6	2370 78**	6	3470 89**	4	3479 97	0	0
SOHVI		6	3367 88	7	3205 105	6	3448 89	4	3284 95	2	3830 130
SOLARA		5	3698 106	5	3490 103	4	4371 107	5	3464 103	1	1490 141
BOR 1162		0	0	0	0	0	0	0	0	5	2702 89
BOR 1164		0	0	0	0	0	0	5	3200 96	5	3611 119
BOR 1173		0	0	0	0	0	0	5	2979 89	5	2669 88
BOR 57319		0	0	0	0	0	0	5	3742 112*	5	3951 131
HJA 55638		0	0	0	0	5	4486 114*	5	3835 115*	5	4085 135*
SVE 08328		0	0	0	0	4	4056 108	5	3507 105	5	3794 94

Härkäpapu, 1995, Viralliset kokeet
Broad bean, *Vicia faba* L., 1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Kasvu- aika	Pituus cm	Lako- %	Kukinnan kesto	Tsp g	Valk.- %
Variety	Cultivation zone	Yield kg/ha	Growing time d	Length cm	Lodging- %	Strength of flowering d	1000 seed weight g	Prol.- %
HJAN UKKO	=C	3 3057 100	112	67	14	25	356	29.4
BOR 61437	1-1 1-1	3 3487 114 *	0	2	-1	0	2	-1.1

Luokittelu maalajeittain, Classification according to soil types

Lajike	Karkeat kiv.maal kpl	Savet ja hiesut kg/ha	sl
Variety	Coarse mineral soils trials	Clay and silt kg/ha	rel.
HJAN UKKO	=C	2 2285 100	
BOR 61437		2 2765 121	

Kevätrypsi, 1988-1995, Viralliset kokeet
Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Kasvu- aika pv	Lako- %	Pituus cm	Valk.- %	Valk.sato kg/ha	Öljy- %	Öljysato kg/ha	Lehtivihreä ppm
Variety	Cultivation zone	Yield kg/ha	Growing time d	Lodging- %	Length cm	Prot.- %	Prot.yield kg/ha	Oil content %	Oil yield kg/ha	Chlorophyll ppm
	=C									
KULTA	1-3	66	103	24	94	21.6	446	45.5	939	7
KOVA	1-3	65	2***	-3**	0	.2*	-27***	-1.5***	-73***	3***
SISU	1-3	49	2***	-3*	3**	-1.3**	-6	-.6	-10	1
VALO	1-3	21	0	-5*	1	-.1	10	-.1	27	0
BOR 4075	1-3	13	0	5	-2	-.1	13	.2	39*	-1
BOR 4101	1-3	7	-1	4	-2	-.2	29	.0	81	0
BOR 4102	1-3	7	-1*	6	-3	.2	11	-.6	8	1
BOR 4107	1-3	7	-1	1	1	-.5	-2	.2	21	-1
SW 03114	1-3	7	1	2	-5	-.7*	-19	.6	-13	0
SW 03129	1-3	13	0	-1	-4**	.0	11	.6**	39*	-2
MDA 3091	1-3	9	1	0	-3*	-.5**	-9	.5	15	-2

Kevättrypsi, 1988-1995, Viralliset kokeet: Luokittelu maalajeittain
Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Eloperäiset maat	
	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Coarse mineral soils		Clay		Organic soils	
	trials	kg/ha	rel.	trials	kg/ha	rel.
=C	20	2175	100	45	2271	100
	19	2099	94**	45	2113	93***
	11	2282	101	37	2378	100
	2	2095	104	19	2311	103
	1	1890	99	12	2276	104*
KULTA	1	1960	103	6	2284	110
KOVA	1	1820	95	6	2144	103
SISU	1	1840	96	6	2137	103
VALO	1	1830	96	6	2038	98
BOR 4075	1	2040	107	12	2243	102
BOR 4101	1	1900	99	8	2114	100
BOR 4102						
BOR 4107						
SW 03114						
SW 03129						
MDA 3091						

Kevättrypsi, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1988-1995, Official variety trials: Classification according to zones

Lajiike	Vyöhyke 1			Vyöhyke 2			Vyöhyke 3		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
	Zone 1			Zone 2			Zone 3		
Variety	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
KULTA	32	2304	100	20	2357	100	14	1975	100
KOVA	32	2133	93***	20	2189	93**	13	1944	96
SISU	24	2427	99	15	2469	100	10	2050	102
VALO	10	2394	99	5	2342	106	6	2075	111
BOR 4075	6	2285	102	3	2363	102	4	2100	108
BOR 4101	3	2385	110	2	2140	95	2	2115	124
BOR 4102	3	2115	98	2	2270	101	2	1900	111
BOR 4107	3	2210	102	2	2015	89	2	2000	117
SW 03114	3	2269	105	2	1760	78	2	1865	109
SW 03129	6	2296	103	3	2303	99	4	2068	107
MDA 3091	3	2090	97	2	2190	97	4	2040	105**

Kevätrypsi, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Spring turnip rape, *Brassica rapa* L. v. *oleifera* subv. *annua*, 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991		V 1992		V 1993		V 1994		V 1995	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1991		Year 1992		Year 1993		Year 1994		Year 1995	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	7	2172 100	7	2353 100	8	2289 100	6	2295 100	7	2057 100
KULTA	7	2058 95**	7	2216 94**	8	2072 91*	6	2128 93*	7	2120 103
KOVA	7	2249 104	7	2329 99	8	2180 95	6	2192 95**	7	2226 108*
SISU	0	0	0	0	8	2329 102	6	2350 102	7	2195 107
VALO	0	0	0	0	0	0	6	2310 101	7	2191 107*
BOR 4075	0	0	0	0	0	0	0	0	7	2238 109
BOR 4101	0	0	0	0	0	0	0	0	7	2098 102
BOR 4102	0	0	0	0	0	0	0	0	7	2094 102
BOR 4107	0	0	0	0	0	0	0	0	7	2008 98
SW 03114	0	0	0	0	0	0	0	0	7	2177 106
SW 03129	0	0	0	0	0	0	6	2287 100		
MDA 3091	0	0	0	0	0	0	2	2255 104	7	2043 99

Kevätrapsi, 1988-1995, Viralliset kokeet
Spring rape, *Brassica napus* L. v. *oleifera* subv. *annua*, 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato kg/ha	Kasvu- aika pv	Lako- %	Pituus cm	Valk.- %	Valk.sato kg/ha	Öljy- %	Öljysato kg/ha	Lehtivihreä ppm
Variety	Cultivation zone	Yield kg/ha	Growing time d	Lodging- %	Length cm	Prot.- %	Prot.yield kg/ha	Oil content %	Oil yield kg/ha	Chlorophyll ppm
	=C									
KUNTO	1-1	29	116	16	81	24.0	470	45.3	888	29
BALANS	1-1	16	-2	12***	4***	-1.7***	-17	1.5***	66*	6
BULLET	1-1	14	-1	10**	5**	-1.6***	-9	1.0**	66*	7
CYCLONE	1-1	6	1	2	6***	.4	-21	.4	-40	15
EBONY	1-1	9	4***	-1	5**	-1.8***	-18	1.5*	66*	26
TOPAS	1-1	26	1*	-1	1	-.6**	-51***	1.4***	-42*	20***
BOR 84955	1-1	6	3*	2	1	-1.9*	-27	1.1	24	1
GSN 038	1-1	14	-3**	15*	-3*	-1.8***	24	-.4	117**	-6*

Kevätrapsi, 1988-1995, Viralliset kokeet: Luokittelu maalaajittain
Spring rape, *Brassica napus* L. v. *oleifera* subv. *annua*, 1988-1995, Official variety trials: Classification according to soil types

Lajike	Karkeat kiv.maat		Savimaat		Eloperäiset maat	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Coarse mineral soils		Clay		Organic soils	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	6	2003 100	28	2232 100	0	0
	3	1980 94	14	2425 105*	0	0
	3	1490 95	13	2419 107*	0	0
	2	1535 98	6	1817 91	0	0
	2	1465 94	9	2384 105	0	0
TOPAS	5	1678 81**	25	2064 93**	0	0
BOR 84955	2	1410 90*	6	2049 103	0	0
GSN 038	3	1613 102	13	2585 114**	0	0

Kevätrapsi, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
Spring rape, *Brassica napus* L. v. *oleifera* subv. *annua*, 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2	
	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2	
	trials	kg/ha rel.	trials	kg/ha rel.
=C	29	2166 100	5	2342 100
	16	2328 103	1	2630 104
	14	2268 105	2	2080 104
	6	1747 94	2	1745 87
	9	2256 104	2	2040 102
TOPAS	26	1973 91***	4	2173 89
BOR 84955	6	1868 101	2	1955 98
GSN 038	14	2459 114**	2	2010 101

Kevätrapsi, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Spring rape, *Brassica napus* L. v. *oleifera* subv. *annua*, 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C	4	2315	100	4	2101	100	4	2676	100	4	1643	100	4	2133	100
KUNTO	4	2206	95	4	2145	102	4	2928	109	1	1290	94	0	0	0
BALANS	0	0		4	2322	111	4	2885	108	4	1553	95	4	2218	104
BULLET	0	0		0	0		0	0		4	1293	79	4	2201	103
CYCLONE	0	0		0	0		3	2911	104*	4	1688	103	4	2226	104
EBONY	0	0		0	0		4	2776	104	4	1270	77	0	0	0
TOPAS	4	1838	79**	4	1866	89	0	0		4	1628	99	4	2151	101
BOR 84955	0	0		0	0		0	0		4	1688	103	4	2358	111
GSN 038	0	0		4	2320	110	4	3248	121						

Varhaisperuna, 1988-1995, Viralliset kokeet, 1. nosto
Early potato, *Solanum tuberosum* L., 1988-1995, Official variety trials, 1st lifting

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato t/ha	Tärkk. %	Lajittelu >30 mm	Kauppakelp. sato %
Variety	Cultivation zone	Yield t/ha	Starch %	Size distribution % >30 mm	Marketable yield %
HJAN TIMO	=C	24	10.6	77	81
AMAZONE	1-5	15	1.8***	-21***	-29
FAMBO	1-5	9	.3	-3	-6
UKAMA	1-5	6	-.2	-15	0
ADORA	1-4	5	-1.0	-4	0
GLORIA	1-5	9	.4	-10**	-5
OSTARA	1-5	21	.0	5	6
RAVENNA	1-5	3	-.5	-15	0
ROCKET	1-5	9	-.8***	5*	3
		103		-5*	

Varhaisperuna, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin, 1. nosto
 Early potato, *Solanum tuberosum* L., 1988-1995, Official variety trials: Classification according to zones, 1st lifting

Lajike	Vyöhyke 1-2		Vyöhyke 3	
	kpl	in/ha sl	kpl	in/ha sl
Variety	Zone 1-2		Zone 3	
	trials	in/ha rel.	trials	in/ha rel.
HJAN TIMO AMAZONE FAMBO UKAMA ADORA	=C	15 19.4 100	9 8.3 100	
		9 17.8 87*	6 8.7 87	
		5 17.4 101	4 9.7 90	
		3 11.5 80	3 11.3 90	
		3 13.4 93	2 16.6 107	
GLORIA OSTARA RAVENNA ROCKET		5 16.3 94	4 12.1 101	
		13 19.5 97	8 7.6 102	
		2 11.5 72	1 10.9 71	
		5 18.6 108	4 11.5 96	

Varhaisperuna, 1988-1995, Viralliset kokeet, 2. nosto
Early potato, *Solanum tuberosum* L., 1988-1995, Official variety trials, 2nd lifting

Poikkeamat mittailajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato t/ha	Tärkk. %	>70 mm	Lajittelu 70-55 mm	55-35 mm	<35 mm
Variety	Cultivation zone	Yield t/ha	Starch %	>70 mm	Size distribution % 70-55 mm	55-35 mm	<35 mm
HJAN TIMO	=C						
AMAZONE	1-5	24 25.9 100	12.5	1	16	71	13
FAMBO	1-5	15 22.6 86***	2.1***	-1	-15***	-7	22***
UKAMA	1-5	9 25.1 109	1.0*	0	1	-1	0
ADORA	1-4	6 19.0 86	.3	0	-10*	-1	9*
		5 26.5 111	-.4	-1	7	-5	0
GLORIA	1-5	9 26.6 105	.9*	0	-6*	-2	7**
OSTARA	1-5	21 27.3 105	.4	0	-1	2	-1
RAVENNA	1-5	3 22.2 88	-.1	-1	-12	-1	14
ROCKET	1-5	9 27.1 107	-.6	1	9**	-5	-4**

Varhaisperuna, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin, 2. nosto
 Early potato, *Solanum tuberosum* L., 1988-1995, Official variety trials: Classification according to zones, 2nd lifting

Lajike	Vyöhyke 1-2		Vyöhyke 3	
	kpl	tn/ha sl	kpl	tn/ha sl
Variety	Zone 1-2		Zone 3	
	trials	tn/ha rel.	trials	tn/ha rel.
HJAN TIMO AMAZONE FAMBO UKAMA ADORA	=C			
	15	30.9 100	9	17.5 100
	9	27.3 86**	6	15.6 86
	5	29.9 106	4	19.1 115
	3	19.6 81	3	18.4 93
GLORIA OSTARA RAVENNA ROCKET	3	25.6 106	2	27.8 119
	5	29.5 105	4	23.0 105
	13	33.6 106	8	17.1 103
	2	21.3 84	1	24.2 95
	5	31.3 112*	4	21.9 100

Varhaisperuna, *Solanum tuberosum* L., 1988-1995, Viralliset kokeet, 3. nosto
 Early potato, *Solanum tuberosum* L., 1988-1995, Official variety trials, 3rd lifting

Poikkeamat mittarilajikkeiden tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato t/ha	Tärrk. %	>70 mm	Lajittelu 70-55 mm	55-35 mm	<35 mm	Kauppakelp. sato %	Terveet %
Variety	Cultivation zone	Yield t/ha	Starch %	>70 mm	Size distribution % 70-55 mm	55-35 mm	<35 mm	Marketable yield %	Healthy tubers %
HJAN TIMO	=C								
AMAZONE	1-5	23	13.5	3	30	58	8	67	65
FAMBO	1-5	15	1.7***	-3*	-20***	9	14***	-8	1
UKAMA	1-5	9	1.1**	-1	1	1	-2	5	2
ADORA	1-5	6	-0.2	-1	-9*	3	7	-8	-10
	1-4	5	-1.0	1	9	-7	-4	1	-2
GLORIA	1-5	9	1.7**	-1	-8*	6	4	10	9
OSTARA	1-5	20	.5*	-1	1	1	-2	13*	0
RAVENNA	1-5	3	.2	-1	-13	10	4	14*	16
ROCKET	1-5	9	-0.2	1	17***	-13**	-5**	-8	8

Varhaisperuna, *Solanum tuberosum* L., 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin, 3. nosto
 Early potato, *Solanum tuberosum* L., 1988-1995, Official variety trials: Classification according to zones, 3rd lifting

Lajike	Vyöhyke 1-2		Vyöhyke 3	
	kpl	tn/ha sl	kpl	tn/ha sl
Variety	Zone 1-2		Zone 3	
	trials	tn/ha rel.	trials	tn/ha rel.
HJAN TIMO AMAZONE FAMBO UKAMA ADORA	=C		9	22.4 100
	14	39.9 100	6	20.8 100
	9	35.2 85**	4	24.4 128
	5	38.9 104	3	26.6 129
	3	29.6 91	2	34.1 140
GLORIA OSTARA RAVENNA ROCKET	3	32.8 101	4	30.0 122
	5	38.6 104	8	28.6 128*
	12	42.1 102	1	29.9 127
	2	29.8 94***	4	31.2 127
	5	41.6 112*		

Varhaisperuna, 1988-1995, Viralliset kokeet, 3. nosto
Early potato, *Solanum tuberosum* L., 1988-1995, Official variety trials, 3rd lifting

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Varsia kpl/yks.	Mukulat kpl/yks.	Kasvuston peittävyys	Kasvuston korkeus	Myöh.1 15.8.	Myöh.3 5.9.	Ulkonäkö kuorineen	Mukulan pyöreys	Mukulan liiteys	Mukulan silitys	Muodon säännöll.
Variety	Stems no/plant	Tubers no/plant	Foliage developm.	Haulm cm	Maturity 15.8.	5.9.	Smoothness of skin	Tuber shape	Fluency of tuber	Shallowness of eyes	Uniformity of tuber shape
HJAN TIMO AMAZONE	4.6 1.0	9.2 -5.5	80 5	38 4**	4.0 -1.5	4.9 .2	8 1*	9 -2	8 0	6 3***	6 1
FAMBO	-2.0	-1.0	4	8*	0.0	1.0	0	-1	0	2*	1
UKAMA	-1.0	1.0	0	7***	-1.0	1.0	1	-1	0	2	2
ADORA	-1.0	-1.0	2	8*	-.5	1.5	1	-1	0	2	-1
GLORIA	0.0	0.0	11	16***	-.5	.5	0	-1	0	2	1
OSTARA	-1.0	-4.3	2	6***	0.0	.1	-2***	0	0	1**	0
RAVENNA	-2.0	1.0	5	10	0.0	0.0	-1	-1	0	2	1
ROCKET	-2.0	-2.0	7	7**	-.5	-.3	0	0	0	1	2

Varhaisperuna, 1988-1995, Viralliset kokeet, 3. nosto
Early potato, *Solanum tuberosum* L., 1988-1995, Official variety trials, 3rd lifting

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Rupi	Mukula- rutto	Sieni	Bakt.	Mek. pinta	Mek. malto	Nestoj. halk.	Korkk. halk.	Ontot	Epä- muot.	Väri- virh.	Vihert.
Variety	Common scab %	Tuber blight %	Fungal disease %	Bacterial disease %	Mechanical damage %	Internal bruising %	Harvest crack %	Growth crack %	Hollow heart %	Deform. %	Discolorat. %	Sun greening %
HJAN TIMO	16	10	0	0	6	2	0	3	0	5	1	5
AMAZONE	11	5	0	0	-3	-1	0	-3	0	-4	1	-3
FAMBO	-5	-4	0	0	3	0	0	-3	0	0	1	2
UKAMA	15	0	0	0	-2	-1	0	-3	0	1	-1	2
ADORA	1	0	1	0	8	1	0	-2	0	-3	-1	1
GLORIA	-11	-9	0	0	9	-1	0	-3	0	-2	-1	-2
OSTARA	-	-10	-	-	-	-	-	-	-	-	-	-
RAVENNA	-14	-1	0	0	1	-1	0	-3	0	-4	8	-2
ROCKET	-2	10	0	0	-3	-1	0	1	0	-1	-1	-4

Varhaisperuna, 1988-1995, Viralliset kokeet, 3. nosto
Early potato, *Solanum tuberosum* L., 1988-1995, Official variety trials, 3rd lifting

Poikkeamat mittarilajikkeiden tuloksista, Differences from results of control variety

Lajike	Ulkoriäkö keitettynä	Rikki- kichuminen	Malto keitettynä	Jauhoisuus	Maku	Tummunen keitettynä	Tummunen raakana
Variety	Skin cooked	Sloughing	Colour of flesh	Mealiness	Flavour	Discoloration cooked	Discoloration raw
HJAN TIMO	7	6	6.1	5.5	5.9	6.2	5.7
AMAZONE	0	-1	-.3	.5*	.8	-.2	.1
FAMBO	0	-1	-.3	.2	.7	.2	.5
UKAMA	1	1	0.0	-.3	.6	.5	.8*
ADORA	0	0	-.5	-.3	-.7	.6	.4
GLORIA	0	-1	.5	.7*	.7	-.5	-.6
OSTARA	-2***	0	-.4	-.1	.4	-.2	.9**
RAVENNA	1	-1	2.0	.5	.9	-.2	-.1
ROCKET	-1*	1	-3.5***	-1.1**	-.7	1.2	.3

Ruokaperuna, 1988-1995, Viralliset kokeet

Potato for human consumption, *Solanum tuberosum* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato t/ha	Tärkk. %	>70 mm	Lajittelu 70-55 mm	55-35 mm	<35 mm	Kauppakelp. sato %	Terveet %	
Variety	Cultivation zone	Yield t/ha	Starch %	>70 mm	Size distribution % 70-55 mm	55-35 mm	<35 mm	Marketable yield %	Healthy tubers %	
=C										
BINTJE	1-4	63	40.8	100	14.8	1	16	72	10	57
FAMBO	1-4	20	34.3	91*	-1	2**	13**	-11**	-4**	-5
MATILDA	1-4	60	39.8	97	1.0**	0	-1	2	-1	5
NICOLA	1-4	44	41.4	101	-6**	0	2	-1	-1	17*
SABINA	2-4	34	32.2	83**	2.0**	0	-1	1	0	-5
VAN GOGH										
TIMATE	1-4	31	45.4	104*	-2	2**	14**	-12**	-5**	12
ASTERIX	1-4	13	34.6	102	.1	1	7*	-5	-4**	0
GLAMIS	1-4	4	41.0	109	-1.0*	6	29**	-30*	-5	13
IDOLE	1-4	6	37.6	104	.5	2	22*	-18	-6	0
JO 1432										
LH 152-80	1-4	15	38.7	102	1.8**	0	7**	-3	-4*	4
RUSTICA	1-4	12	28.6	86**	2.0**	0	-4*	-2	6**	13*
SIGNAL	1-4	10	34.5	104	2.4**	1	12*	-9	-5*	-20**
VITAL	1-4	4	39.9	106	-.3	3	23**	-22*	-4	-2
	1-4	9	33.0	99	.5**	2*	20**	-13*	-9**	3

Potato for human consumption, *Solanum tuberosum* L., 1988-1995, Official variety trials

Lajike

Lajike	Varsia kpl/yks.	Mukulat kpl/yks.	Kasvuston peittävyys	Kasvuston korkeus	Myöh.1 15.8.	Myöh.3 5.9.	Ulkonäkö kuorineen	Mukulan pyöreys	Mukulan liiteys	Mukulan sileys	Muodon säämöll.
Variety	Stems no/plant	Tubers no/plant	Foliage developm.	Haulm cm	Maturity 15.8.	Maturity 5.9.	Smoothness of skin	Tuber shape	Flatness of tuber	Shallowness of eyes	Uniformity of tuber shape
=C											
BINTJE	4.3	12.7	89	56	3.3	4.2	7	6	7	7	6
FAMBO	-1.0*	-4.6**	-2	-5**	2.0*	2.5***	0	0	0	0	0
MATILDA	.3	-1.0	1	1	.8	-1	-2***	1	1	1**	1
NICOLA	-9	-2.0	-1	3**	-8	-4*	1*	-1	1	1**	0
SABINA	-7	-5.2	-3	-5***	0.0	.2	0	0	0	0	0
VAN GOGH	-1.3*	-3.1	-1	7***	-8	-.8***	0	1	0	0*	0
TIMATE	-1.0	-2.0	-1	4***	0.0	.1	0	0	0	1**	0
ASTERIX	-5	-2.0	-1	10***	-1.3	-1.1*	-1	0	0	1	1
GLAMIS	-2.0	-3.5	1	12**	-7	-2.0	-1	0	2*	1	2
IDOLE	-5	-2.5	-1	0	-1.3	-1.4	1	1	0	0	1
JO 1432	-	-	3	4**	-	-.5	1	0	0	1**	0
LH 152-80	0.0	1.0	2	-1	.8	.5	-1	2	0	0	0
RUSTICA	2.4*	-2.6*	4	5	-.5	-.1	0	1	1	0	-1
SIGNAL	-2.0	-2.5	-6	7*	-1.3	-3.3**	0	1	1	0	1
VITAL	-1.2	-4.4**	-2	-5*	-1.3	.1	0	2**	1	0	1

Ruokaperuna, 1988-1995, Viralliset kokeet
Potato for human consumption, *Solanum tuberosum* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Rupi	Mukula- rutto	Sieni	Bakt.	Mek. pinta	Mek. malto	Nestej. halk.	Korkk. halk.	Ontot	Epä- muot.	Väri- virh.	Vihert. %
Variety	Common scab %	Tuber blight %	Fungal disease %	Bacterial disease %	Mechanical damage %	Internal bruising %	Harvest crack %	Growth crack %	Hollow heart %	Deform. %	Discolorat. %	Sun greening %
=C												
BINTJE	12	8	7	1	6	10	2	5	1	3	1	1
FAMBO	0	-3	11	-1	0	-3	-1	-3*	1	0	4	7
MATILDA	5	-5***	-3	-1	3	1	1	-3	0	-3*	2	3
NICOLA	-11*	-3*	-4*	-1	0	0	0	-4*	0	-2	1	2
SABINA	-12	-2	0	0	0	-2	-3	-7	0	0	0	32
VAN GOGH	-10	-5**	-4	-1	7	1	0	-5*	2	-3*	5	1
TIMATE	0	-5**	0	0	0	0	0	0	0	0	0	0
ASTERIX	-9	-4	1	-1	0	-5	-1	-3	3	-1	7	1
GLAMIS	9	-5	1	0	1	-5	0	3	2	-3	2	1
IDOLE	-8	-2	6	-1	4	2	-2	-4*	1	-1	1	1
JO 1432	-8	-1	0	0	0	-2	0	-3	0	4	0	3
LH 152-80	-11	-4	-1	-1	2	2	-2	-4	0	-2	3	3
RUSTICA	-4	-1	8	0	8	2	9*	3	1	-2	5	5
SIGNAL	-2	-5	2	-1	1	-3	1	-1	3	-2	6	3
VITAL	-6	-4	0	0	-1	4	0	-4*	2	-2	2	5

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Ulkonäkö keitettynä	Rikki- kiehuminen	Malto keitettynä	Jauhoisuus	Maku	Tummunen keitettynä	Tummunen raakana
Variety	Skin cooked	Sloughing	Colour of flesh	Mealiness	Flavour	Discoloration cooked	Discoloration raw
BINTJE	7	5	5.9	6.7	6.0	6.2	5.7
FAMBO	0	-1	-2	-1.2***	.1	-.9**	1.0***
MATILDA	-1***	1**	.3*	-.1	-.6***	-1.5***	.7***
NICOLA	0	2***	-.9***	-.4	-.7***	-.7**	1.3***
SABINA	0	1**	.6***	.0	.0	-.7**	.4
VAN GOGH	0*	1***	.5***	.0	-.3*	.0	-.2
TIMATE	0	1***	-.4*	-.5	-.9***	-.1	-.2
ASTERIX	0	0	-.3	-.2	.0	.4	1.3**
GLAMIS	-1	0	-.1	.0	-.4	-1.1	1.3
IDOLE	0	0	.4	-.3	-.2	-.1	.9
JO 1432	0	-1	.5*	-.8	.2	-1.2***	.1
LH 152-80	-1	1**	1.3***	.2	-1.7**	-.9*	-.1
RUSTICA	0	1	1.3**	.2	-1.1*	-2.7***	.0
SIGNAL	0	1	-.8	.1	-.4	.7	1.4*
VITAL	-1	1	.6	-.7	-1.4**	-.3	.7

Ruokaperuna, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Potato for human consumption, *Solanum tuberosum* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1-2			Vyöhyke 3			Vyöhyke 4			Vyöhyke 5		
	kpl	tn/ha	sl	kpl	tn/ha	sl	kpl	tn/ha	sl	kpl	tn/ha	sl
Variety	Zone 1-2			Zone 3			Zone 4			Zone 5		
	trials	tn/ha	rel.	trials	tn/ha	rel.	trials	tn/ha	rel.	trials	tn/ha	rel.
=C	33	42.9	100	20	39.8	100	10	36.2	100	8	33.5	100
	12	35.5	88*	6	31.5	98	2	35.6	98	2	32.8	102
	32	41.3	96	20	39.4	99	8	34.7	97	8	31.7	95
	25	44.1	102	13	39.6	99	6	34.1	103	4	30.6	91
	10	33.2	85***	16	33.2	81***	8	29.1	82**	8	28.3	85**
VAN GOGH	26	43.5	100	17	41.3	103	7	36.5	110	7	33.3	100
TIMATE	18	48.0	103	9	44.7	104	4	35.4	112	4	33.5	100
ASTERIX	5	35.3	100	6	33.3	102	2	37.0	102	0	0.0	
GLAMIS	2	42.1	104	1	30.2	107	1	49.5	121	0	0.0	
IDOLE	3	36.7	99	2	33.8	105	1	47.6	117	0	0.0	
JO 1432	9	39.2	97	4	36.7	115	2	40.4	108	2	32.3	100
LH 152-80	6	28.7	83**	4	26.5	87*	2	32.7	90	0	0.0	
RUSTICA	5	34.5	101	3	32.2	109	2	38.3	106	1	34.9	112
SIGNAL	2	41.0	101	1	28.5	101	1	49.2	121	0	0.0	
VITAL	5	32.3	94	3	30.7	104	1	43.5	107	1	32.6	105

Ruokaperuna, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Potato for human consumption, *Solanum tuberosum* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	in/ha	sl	kpl	in/ha	sl	kpl	in/ha	sl	kpl	in/ha	sl	kpl	in/ha	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	trials	in/ha	rel.	trials	in/ha	rel.	trials	in/ha	rel.	trials	in/ha	rel.	trials	in/ha	rel.
=C	9	41.8	100	8	45.3	100	10	40.5	100	8	32.8	100	7	35.4	100
BINTJE	0	0.0		3	40.4	88	3	36.3	93	8	32.2	98	7	29.6	84*
FAMBO	9	39.4	94*	8	42.0	93	9	35.8	89*	8	29.3	89*	7	35.6	101
MATILDA	9	37.3	89***	8	44.2	97	9	42.1	105	7	35.6	109*	6	37.1	103
NICOLA	7	30.8	80***	4	36.4	83*	5	28.8	84*	3	19.6	66*	2	29.8	83
SABINA															
VAN GOGH	9	39.8	95*	7	43.7	97	8	38.7	99	8	33.8	103	7	37.6	106
TIMATE	8	43.4	102	8	43.8	97	9	40.9	101	0	0.0		0	0.0	
ASTERIX	0	0.0		0	0.0		1	26.4	104	7	30.9	94	4	42.0	112
GLAMIS	0	0.0		0	0.0		0	0.0		0	0.0		4	41.0	109
IDOLE	0	0.0		0	0.0		0	0.0		0	0.0		6	37.6	104
JO 1432	0	0.0		1	31.5	85	8	42.0	104	7	33.2	101	1	44.6	109
LH 152-80	0	0.0		0	0.0		0	0.0		6	25.9	84**	6	31.3	87**
RUSTICA	0	0.0		0	0.0		0	0.0		4	26.1	90	7	39.4	111
SIGNAL	0	0.0		0	0.0		0	0.0		0	0.0		4	39.9	106
VITAL	0	0.0		0	0.0		0	0.0		3	26.2	94	7	35.9	101

Ruokaperuna, 1988-1995, Viralliset kokeet
Potato for human consumption, *Solanum tuberosum* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viljely- vyöhyke	Sato t/ha	Tärkk. %	>70 mm	Lajittelu 70-55 mm	55-35 mm	<35 mm	Kauppakelp. sato %	Tervect %
Variety	Cultivation zone	Yield t/ha	Starch %	>70 mm	Size distribution % 70-55 mm	55-35 mm	<35 mm	Marketable yield %	Healthy tubers %
MATILDA	1-5	68	15.7	1	14	74	9	66	66
BINTJE	1-4	60	-1.0**	0	1	-2	1	-6**	-5
FAMBO	1-5	22	-.9**	3*	14***	-12***	-4***	0	-13
NICOLA	1-4	43	-1.5***	0	3	-3	0	13**	13**
SABINA	2-5	42	1.0***	0	1	-2*	1	9**	-14
TIMATE	1-4	30	-1.1***	1**	14***	-13***	-2***	0	0
VAN GOGH	1-5	56	.7***	0	9***	-5**	-4***	8***	4
ASTERIX	1-5	13	-.5	1	10*	-7	-5*	10	1
GLAMIS	1-5	4	-1.5*	6	30**	-29*	-6	-12	-11
IDOLE	1-4	6	-.5	2	24*	-17	-9	1	0
JO 1432	1-5	17	1.2***	0	5	-2	-3**	6	-9
LH 152-90	1-5	12	1.2**	0	-2	-2	3*	7	8
RUSTICA	1-4	10	1.5**	1	15*	-8	-9*	-13*	-25**
SIGNAL	1-5	4	-.8	3	24**	-21*	-6	-12	-13
VITAL	1-4	9	-.3	2*	22**	-11	-14**	-3	-1

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Varia	Mukulat	Kasvuston	Kasvuston	Haulm	Maturity	Ulkoniäkö	Mukulan	Mukulan	Mukulan	Muodon
	kpl/yks.	no/plant	peittävyys	korkeus	cm	5.9.	kuorineen	pyöreys	litteys	siley	säännöll.
Variety	Stems	Tubers	Foliage				of skin	Tuber	of tuber	Shallowness	Uniformity
		no/plant	developm.					shape		of eyes	of tuber shape
MATILDA	4.6	12.4	88	57	3.6	4.2	6	7	7	8	7
BINTJE	-3	1.0	-1	-1	-8	.1	2***	-1	-1	-1***	-1
FAMBO	-1.7***	-5.3*	-3	-5**	1.0	1.9***	1***	-1	-1	-1	-1
NICOLA	-1.0*	-2.8*	-1	2	-1.5	-.4*	2***	-2**	0	0	0
SABINA	-.7	-2.5*	-3**	-5***	1.0	.4	2***	1	-1	0	0
TIMATE	0.0	-1.0	-2	2	0.0	.2	2***	0	0	0	0
VAN GOGH	-1.5***	-1.9**	0	7***	-1.2	-.9***	1***	0	0	0*	0
ASTERIX	-.3	-2.5	-2	11***	-1.3	-1.4*	0	-1	0	0	0
GLAMIS	-2.5	-4.5	-1	9	-.7	-3.0	1	-1	1	0	1
IDOLE	-1.3	-4.0*	-3	-2	-2.0	-2.6*	3*	-1	-1	0	0
JO 1432	0.0	0.0	7*	3	-	-.5	2***	-	-	-	-
LH 152-80	-.6	-.2	2	-1	0.0	-.1	0	0	-1	-1	0
RUSTICA	1.8	-3.8**	4	5**	-1.3	-.9	1	-1	0	0	-1
SIGNAL	-2.5	-3.5	-8	4	-1.3	-4.3*	1	0	1	-1	0
VITAL	-1.8*	-5.6**	-2	-5*	-2.0	-.6	2**	1	1	-1	1

Ruokaperuna, 1988-1995, Viralliset kokeet
Potato for human consumption, *Solanum tuberosum* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeiden tuloksista, Differences from results of control variety

Lajike	Rupi	Mukula- rutto	Sieni	Bakt.	Mek. pinia	Mek. malto	Nesij. halk.	Korkk. halk.	Ontot	Epä- muot.	Väri- virh.	Vihert. %
Variety	Common scab %	Tuber blight %	Fungal disease %	Bacterial disease %	Mechanical damage %	Internal bruising %	Harvest crack %	Growth crack %	Hollow heart %	Deform. %	Discolorat. %	Sun greening %
=C												
MATILDA	15	1	3	0	8	9	2	2	0	0	2	3
BINTJE	-5	5***	3	1	-3	-1	-1	3	0	3*	-2	-3
FAMBO	-2	0	14	0	-1	-2	-1*	0	1	3*	2	4
NICOLA	-16	2	-1	0	-3	-1	-1	-1	0	1	-1	-1
SABINA	-4	3	4	0	1	2	2	-2	-2	0	0	17
TIMATE												
VAN GOGH	0	0	0	0	0	0	0	0	0	0	0	0
ASTERIX	-14*	1	1	0	4	1	-1	-1	1	0	3	-2
GLAMIS	-8*	1	2	0	1	-2	-1	-1	3	2	7	0
IDOLE	10	1	2	1	2	-2	0	5	2	0	1	0
	-13	2	9	0	2	1	-2	-1	1	2*	-1	-2
JO 1432												
LH 152-80	2	1*	0	0	0	0	3	1	-3	4	0	3
RUSTICA	-16*	0	2	0	-1	1	-2	-1	0	1	1	0
SIGNAL	-9	3	12	1	5	1	8	6	1	1	4	2
VITAL	-1	1	2	0	2	1	1	1	3	2	5	2
	-11	0	3	1	-4	4	-1	-1	2	1	1	3

Ruokaperuna, 1988-1995, Viralliset kokeet
Potato for human consumption, *Solanum tuberosum* L., 1988-1995, Official variety trials

Poikkeamat mitarilajikkeiden tuloksista, Differences from results of control variety

Lajike	Ulkoniäkö keitetyinä	Rikki- kiehuminen	Malto keitetyinä	Jauhoisuus	Maku	Tummunen keitetyinä raakana
Variety	Skin cooked	Sloughing	Colour of flesh	Mealiness	Flavour	Discoloration cooked raw
MATILDA	6	6	6.1	6.6	5.3	4.7 6.4
BINTJE	1***	-1***	-.3*	.1	.6***	1.5*** -.7***
FAMBO	0	-1**	-.4*	-1.0***	.7**	.9*** .1
NICOLA	1***	1***	-1.0***	-.2	.1	1.0*** .4
SABINA	2***	0	.4**	-.2	.5***	.6*** .1
TIMATE	1***	0	-.5**	-.3	.2	1.5*** -1.2***
VAN GOGH	1***	0	.3	.1	.4***	1.7*** -.9***
ASTERIX	1*	0	-.7**	-.3	.3	2.5*** .5
GLAMIS	-1	-1	.1	-.2	-.2	1.2 .5
IDOLE	0	0	.4	-.5	.2	1.5** .1
JO 1432	1	-1*	.4*	-1.2*	1.1**	1.2*** -1.1**
LH 152-80	1	1**	1.0*	.2	-1.3**	1.1*** -.9
RUSTICA	1	0	1.1**	.1	-.6	-.7* -.9
SIGNAL	1	0	-.6	-.2	-.2	2.9* .7
VITAL	0	0	.3	-.8*	-.9*	1.7** .0

Ruokaperuna, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Potato for human consumption, *Solanum tuberosum* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1-2			Vyöhyke 3			Vyöhyke 4			Vyöhyke 5		
	kpl	tn/ha	sl	kpl	tn/ha	sl	kpl	tn/ha	sl	kpl	tn/ha	sl
Variety	Zone 1-2			Zone 3			Zone 4			Zone 5		
	trials	tn/ha	rel.	trials	tn/ha	rel.	trials	tn/ha	rel.	trials	tn/ha	rel.
=C	32	41.3	100	20	39.4	100	8	34.7	100	8	31.7	100
	32	42.9	104	20	39.8	101	8	35.6	103	8	33.5	106
	12	35.5	94	6	31.5	96	2	35.6	97	2	32.8	101
	24	44.0	106	13	39.6	100	6	34.1	103	4	30.6	98
	10	33.2	87**	16	33.2	83***	8	29.1	84*	8	28.3	89**
TIMATE	17	48.2	105	9	44.7	105	4	35.4	112*	4	33.5	107*
VAN GOGH	26	43.5	105*	17	41.3	103	6	35.7	107	7	33.3	104
ASTERIX	5	35.3	114	6	33.3	102	2	37.0	101	0	0.0	
GLAMIS	2	42.1	111	1	30.2	95	1	49.5	105	0	0.0	
IDOLE	3	36.7	111	2	33.8	97	1	47.6	101	0	0.0	
JO 1432	9	39.2	109	4	36.7	116*	2	40.4	108	2	32.3	120
LH 152-80	6	28.7	96	4	26.5	89	2	32.7	89	0	0.0	
RUSTICA	5	34.5	116**	3	32.2	108*	2	38.3	104	1	34.9	104
SIGNAL	2	41.0	108	1	28.5	90	1	49.2	104	0	0.0	
VITAL	5	32.3	109	3	30.7	103	1	43.5	92	1	32.6	98

Ruokaperuna, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Potato for human consumption, *Solanum tuberosum* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
Variety	kpl	tn/ha	sl	kpl	tn/ha	sl	kpl	tn/ha	sl	kpl	tn/ha	sl	kpl	tn/ha	sl
	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	trials	tn/ha	rel.	trials	tn/ha	rel.	trials	tn/ha	rel.	trials	tn/ha	rel.	trials	tn/ha	rel.
=C															
MATILDA	9	39.4	100	8	42.0	100	9	35.8	100	8	29.3	100	7	35.6	100
BINTJE	9	41.8	106*	8	45.3	108	9	40.3	113*	8	32.8	112*	7	35.4	99
FAMBO	0	0.0		3	40.4	98	3	36.3	95	8	32.2	110	7	29.6	83***
NICOLA	9	37.3	95	8	44.2	105	9	42.1	118***	7	35.6	123**	6	37.1	103
SABINA	7	30.8	88**	4	36.4	85*	5	28.8	94	3	19.6	76	2	29.8	74
TIMATE	8	43.4	107**	8	43.8	104	9	40.9	114**	0	0.0		0	0.0	
VAN GOGH	9	39.8	101	7	43.7	102	8	38.7	113*	8	33.8	115**	7	37.6	105
ASTERIX	0	0.0		0	0.0		1	26.4	90	7	30.9	106	4	42.0	109
GLAMIS	0	0.0		0	0.0		0	0.0		0	0.0		4	41.0	106
IDOLE	0	0.0		0	0.0		0	0.0		0	0.0		6	37.6	104
JO 1432	0	0.0		1	31.5	83	8	42.0	118**	7	33.2	112**	1	44.6	94
LH 152-80	0	0.0		0	0.0		0	0.0		6	25.9	100	6	31.3	87*
RUSTICA	0	0.0		0	0.0		0	0.0		4	26.1	109	7	39.4	111**
SIGNAL	0	0.0		0	0.0		0	0.0		0	0.0		4	39.9	103
VITAL	0	0.0		0	0.0		0	0.0		3	26.2	113	7	35.9	101

Timotei, 1988-1995, Viralliset kokeet
Timothy, *Phleum pratense* L., 1988-1995, Official variety trials

1. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato	Valk.-%	Poikkeamat mittarilajikkeiden tuloksista		Kuiva-aine-%	Bot.anal.
	kpl	kg/ha	kg/ha		Syksy	Talvihuho-%		
Variety	Total yield		Yield / 1st cut	Prot.-%	Differences from results of control variety		Dry matter-%	Bot.anal.
	trials	kg/ha			Autumn	Spring		
HJAN TIITI	119	8395	100	13.2	88	80	20.6	27.7
BOTNIA II	109	8015	96***	-1.1	0	0	.3**	-1.7
GRINDSTAD	29	10232	109***	-1.1	1	-1	2.1***	-1.2
IKI	93	8515	100	.1	1*	2**	.0	.4
JONATAN	28	8326	100	.0	1	3*	-.3	.4
TUUKKA	89	8393	105***	.2	3***	6***	.1	1.3*
VEGA	13	8354	102	-.5	0	3	1.3***	.2
JO 0193	31	8609	103	-.5	3***	7***	.0	.6
JO 0194	22	8952	101	-1.6	2*	6**	.1	2.4*
HJA 72002	10	9051	108*	-2.5	0	1	-.1	-1.6
HJA 80102	9	9595	109*	-3.7	2	3	.0	-1.5

Timotei, 1988-1995, Viralliset kokeet
 Timothy, *Phleum pratense* L., 1988-1995, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v			Kok.sato 2.v			Kok.sato 3.v			Talvituho-% poikkeamat mittarilajikkeiden tuloksista		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	1.v	2.v	3.v
Variety	Total yield 1st year			Total yield 2nd year			Total yield 3rd year			Winter damage % differences from results of control variety		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	1st year	2nd year	3rd year
HJAN TIITI	38	8825	100	42	8955	100	38	7452	100	7	10	15
BOTNIA II	34	8602	97	37	8519	97*	33	6993	96*	-1	-1	1
GRINDSTAD	13	9877	106*	11	10674	113***	4	8888	110	3	4	-1
IKI	36	8511	98	32	9259	100	22	7227	100	-1	-2	-4
JONATAN	11	7507	98	10	9768	99	5	6942	107	-1	-2	-13
TUUKKA	27	8353	103*	31	9091	103*	27	7849	109***	-2	-2*	-5*
VEGA	7	7909	102	6	8874	102	0	4270		-1	-5	0
JO 0193	12	7883	106*	11	9843	100	6	7933	106	-3*	-2	-3
JO 0194	9	8273	103	8	9824	97	3	8745	105	-3*	-1	-13
HJA 72002	5	7493	107	5	10610	108*	0	0		0	-2	0
HJA 80102	5	8532	105	4	10799	113	0	0		0	-4	0

Timotei, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Timothy, *Phleum pratense* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
HJAN TIIITI BOTTNIA II GRINDSTAD IKI JONATAN	=C		15 9732	100	36 8905	100	40 8841	100	11 3935	100
	15 9025	93**	34 8572	96**	32 8496	96	17 7589	95	11 4173	106
	711661	108*	1110782	109***	9 9223	113*	2 6745	102	0 0.0	
	13 9843	98	25 8498	94**	30 9023	100	16 8641	104	9 4730	122**
	2 9330	94	6 7837	94	15 9118	101	2 8805	105	3 4360	115
TUUKKA VEGA JO 0193 JO 0194 HJA 72002	9 9090	101	26 8469	101	32 9335	106***	11 8590	108*	11 4710	120**
	2 9410	94	3 8101	102	6 8335	101	2 7735	117	0 0.0	
	210025	101	9 8551	103	15 9193	102	2 8230	98	3 5170	123
	2 9130	92*	3 8364	106	15 9094	101	2 8585	102	0 0.0	
	210970	110	2 7483	105	6 8935	108	0 0.0		0 0.0	
HJA 80102	210915	109	110140	106	6 9065	109	0 0.0		0 0.0	

Timotei, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Timothy, *Phleum pratense* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke1 Talvituho			Vyöhyke2 Talvituho			Vyöhyke3 Talvituho			Vyöhyke4 Talvituho			Vyöhyke5 Talvituho		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
Variety	Zone 1			Zone 2			Zone 3			Zone 4			Zone 5		
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
=C															
HJAN TIITI	7	1.7	100	31	3.7	100	36	8.2	100	14	20.4	100	11	36.2	100
BOTTNIA II	7	2.0	117	29	4.3	110	28	8.1	104	14	22.1	109	11	30.7	85
GRINDSTAD	5	.8	57	9	1.4	130	8	11.0	116	2	38.5	308	0	0.0	
IKI	6	1.3	89	22	6.0	162	26	5.1	62	13	11.5	74	9	29.4	80
JONATAN	2	.5	33	5	1.4	88	13	5.1	52	2	24.0	83	3	46.0	90
TUUKKA	3	.7	40	23	3.1	65	28	5.8	63*	8	21.5	76	11	30.2	83
VEGA	2	1.5	100	2	2.5	83	5	4.0	38	2	12.0	96	0	0.0	
JO 0193	2	1.0	67	8	1.1	60	14	5.0	50	2	15.5	53	3	21.7	120
JO 0194	2	1.5	100	2	2.5	83	14	5.3	52	2	19.0	66	0	0.0	
HJA 72002	2	1.0	67	2	2.5	83	5	8.4	81	0	0.0		0	0.0	
HJA 80102	2	.5	33	0	0.0		5	7.6	73	0	0.0		0	0.0	

Timotei, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Timothy, *Phleum pratense* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
=C															
HJAN TIITI	15	8244	100	16	8615	100	13	9199	100	15	6840	100	5	9787	100
BOTTNIA II	15	8507	103	13	8170	93*	10	8207	96	12	5905	88*	4	9021	91*
GRINDSTAD	6	10407	109*	5	9874	108	11	2350	110	7	8590	110*	5	11239	115*
IKI	13	8201	107*	14	8156	95	11	9358	103	14	7167	102	5	9661	99
JONATAN	0	0.0		5	7732	97	6	9642	97	12	7207	102	5	10028	102
TUUKKA	9	7878	107*	8	8029	101	9	9258	105	11	6696	111*	4	10302	104
VEGA	1	5070	159	0	0.0		0	0.0		6	7494	101	5	9634	98
JO 0193	3	8010	111	6	8165	101	7	9741	102	10	7658	104	5	9820	100
JO 0194	1	11550	112	3	8810	96	4	11106	99	9	7512	105	5	9385	96
HJA 72002	0	0.0		0	0.0		0	0.0		5	7493	107	5	10610	108*
HJA 80102	0	0.0		0	0.0		0	0.0		5	8532	105	4	10924	113

Timotei, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Timothy, *Phleum pratense* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	Talviuho			Talviuho			Talviuho			Talviuho			Talviuho		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	Winter damage			Winter damage			Winter damage			Winter damage			Winter damage		
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
HJAN TIITI BOTTNIA II GRINDSTAD IKI JONATAN	=C														
	12	14.7	100	16	3.9	100	13	11.1	100	12	20.4	100	5	8.2	100
	12	12.8	88	13	4.7	133	10	16.9	122	9	20.8	98	4	9.3	90
	4	14.0	207	5	2.0	77	1	0.0		5	4.8	114	5	10.2	124
	11	12.9	81	14	3.4	78	11	11.5	89	11	12.2	63*	5	3.0	37
	0	0.0		5	2.8	64	6	17.5	92	9	13.7	71	5	3.6	44
TUUKKA VEGA JO 0193 JO 0194 HJA 72002															
	8	15.8	85	8	4.1	110	9	12.6	90	9	14.7	57	4	7.0	68
	1	18.0	120	0	0.0		0	0.0		4	4.8	95	5	1.8	22
	3	13.7	71	6	1.7	40	7	9.3	107	8	5.3	49	5	3.8	46
	1	0.0	0	3	2.0	35	4	10.8	78	7	5.4	44	5	6.6	80
	0	0.0		0	0.0		0	0.0		4	4.8	95	5	6.0	73
HJA 80102															
	0	0.0		0	0.0		0	0.0		3	4.7	100	4	6.3	61

Timotei, 1988-1995, Viralliset kokeet
 Timothy, *Phleum pratense* L., 1988-1995, Official variety trials

1. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato		Valk.-%	Poikkeamat mitarilajitteen tuloksista		Kuiva-aine-%		Bot.anal.
	kpl	kg/ha	sl	kg/ha	sl		Syksy	Peittävyy-% Kevät	Talvituho-%	
Variety	Total yield		Yield / 1st cut		Prot.-%		Differences from results of control variety		Winter damage%	
	trials	kg/ha	rel.	kg/ha	rel.		Autumn	Covering-% Spring	Dry matter-%	Bot.anal.
IKI	97	8533	100	4778	100	13.1	90	84	20.7	32.2
BOTTNIA II	87	8134	96**	4493	94***	- .3	-2	-3	.3*	-1.0
GRINDSTAD	29	10023	110***	4980	100	- .5	2*	-3	2.0***	-1.3
HJAN TIIITI	93	8544	100	4543	95***	- .1	-1*	-2**	.0	- .4
JONATAN	30	8329	99	4462	95**	- .2	-1	-2*	- .1	- .5
TUUKKA	69	8562	104***	4751	103	.2	2**	3*	.0	.8
VEGA	15	8117	99	4711	103	- .9	0	-1	1.2*	.1
JO 0193	33	8630	103*	4623	101	- .6	2*	2*	.0	- .2
JO 0194	24	8937	99	5115	101	-1.6	1	1	.0	1.2
HJA 72002	10	9051	107*	4607	96	-3.2	-1	-3	- .1	-1.8
HJA 80102	10	9666	107	4756	99	-4.4	0	-2	.3	-1.6

Timotei, 1988-1995, Viralliset kokeet
 Timothy, *Phleum pratense* L., 1988-1995, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v		Kok.sato 2.v		Kok.sato 3.v		Talvituho-% poikkeamat		
	kpl	kg/ha	sl	kpl	kg/ha	sl	1.v	2.v	3.v
Variety	Total yield		Total yield		Total yield		Winter damage % dirrences		
	1st year	kg/ha	rel.	2nd year	kg/ha	rel.	1st year	2nd year	3rd year
IKI BOTTNIA II GRINDSTAD HJAN TIIITI JONATAN	=C								
	37	8518	100	35	9404	100	25	7337	100
	33	8312	97	31	8784	95*	22	7023	95
	12	9639	108**	12	10981	112***	5	8646	109
	36	8644	102	32	9217	100	22	7327	100
TUUKKA VEGA JO 0193 JO 0194 HJA 72002 HJA 80102	12	7508	96	12	9766	98	6	7095	105
	27	8226	103	24	9418	102	17	8091	109**
	7	7909	99	7	8874	99	1	4270	94
	13	7895	103	13	9816	103	7	7794	102
	10	8267	100	10	9819	98	4	8409	99
	5	7493	103	5	10610	110**	0	0	0
	5	8532	102	5	10799	112	0	0	0

Timotei, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Timothy, *Phleum pratense* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
IKI BOTNIA II GRINDSTAD HJAN TIITI JONATAN	13	9843 100	27	8703 100	30	9023 100	18	8418 100	9	4730 100
	13	9453 96	25	8862 101	22	8648 96	18	7487 89**	9	4246 90
	711661	110**	1010875	115**	9	9223 109*	3	5763 88*	0	0.0
	1310078	102	25	8999 106**	30	9042 100	16	8278 96	9	3874 82**
	2	9330 91	7	8032 101	15	9118 100	3	8377 93	3	4360 93
TUUKKA VEGA JO 0193 JO 0194 HJA 72002	8	9534 103	19	8697 107**	22	9560 106**	11	8822 99	9	4654 98
	2	9410 92	4	8296 100	6	8335 99	3	6580 101	0	0.0
	210025	98	10	8685 109**	15	9193 101	3	8163 90*	3	5170 111
	2	9130 90	4	8611 104	15	9094 100	3	8460 94	0	0.0
	210970	108*	2	7483 107	6	8935 106	0	0.0	0	0.0
HJA 80102	210915	107*	210220	106	6	9065 108	0	0.0	0	0.0

Timotei, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Timothy, *Phleum pratense* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke1 Talvituho			Vyöhyke2 Talvituho			Vyöhyke3 Talvituho			Vyöhyke4 Talvituho			Vyöhyke5 Talvituho		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
Variety	Zone 1			Zone 2			Zone 3			Zone 4			Zone 5		
	Winter damage trials	%	rel.	Winter damage trials	%	rel.	Winter damage trials	%	rel.	Winter damage trials	%	rel.	Winter damage trials	%	rel.
IKI BOTTNIA II GRINDSTAD HJAN TIITI JONATAN	6	1.3	100	24	5.5	100	26	5.1	100	15	11.7	100	9	29.4	100
	6	2.0	150	22	3.9	69	18	7.8	144	15	22.5	192*	9	32.0	109
	5	.8	80	9	1.4	186	8	11.0	191	3	42.7	267*	0	0.0	
	6	1.5	113	22	3.7	62	26	8.3	162	13	15.5	136	9	36.8	125
	2	.5	100	6	1.2	54	13	5.1	114	3	19.7	151	3	46.0	107
TUUKKA VEGA JO 0193 JO 0194 HJA 72002	3	.7	50	17	2.9	38	18	5.3	93	8	13.3	110	9	32.0	109
	2	1.5	300	3	1.7	83	5	4.0	87	3	23.7	148	0	0.0	
	2	1.0	200	9	1.0	53	14	5.0	92	3	11.7	90	3	21.7	148
	2	1.5	300	3	1.7	83	14	5.3	97	3	17.3	133	0	0.0	
	2	1.0	200	2	2.5	100	5	8.4	183	0	0.0		0	0.0	
HJA 80102	2	.5	100	1	0.0	0	5	7.6	165	0	0.0		0	0.0	

Timotei, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Timothy, *Phleum pratense* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991		V 1992		V 1993		V 1994		V 1995	
Variety	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
	Year 1991		Year 1992		Year 1993		Year 1994		Year 1995	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
IKI	13	8201 100	16	7966 100	12	9656 100	14	7167 100	6	9650 100
BOTTNIA II	13	7997 98	13	7455 92	9	8470 92	11	6065 87**	5	9033 94
GRINDSTAD	5	9942 106	5	8504 107	11	4330 111	7	8590 108*	6	11289 117**
HJAN TIITI	13	7652 93*	14	8553 105	11	9101 97	14	7024 98	5	9787 101
JONATAN	0	0.0	6	7697 97	6	9642 94*	12	7207 100	6	9890 102
TUUKKA	8	7448 99	8	7916 104	8	9114 97	10	6959 107	4	10302 107
VEGA	1	5070 100	1	4270 94	0	0.0	6	7494 98	6	9508 99
JO 0193	3	8010 105*	7	8146 106	7	9741 100	10	7658 102	6	9831 102
JO 0194	11	550 108	4	8660 99	4	1106 96	9	7512 100	6	9379 97
HJA 72002	0	0.0	0	0.0	0	0.0	5	7493 103	5	10610 110**
HJA 80102	0	0.0	0	0.0	0	0.0	5	8532 102	5	10799 112

Timotei, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
 Timothy, *Phleum pratense* L., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	Talviuho	kpl	% sl	Talviuho	kpl	% sl	Talviuho	kpl	% sl	Talviuho	kpl	% sl	Talviuho	kpl	% sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	Winter damage	trials	rel.	Winter damage	trials	% rel.	Winter damage	trials	% rel.	Winter damage	trials	% rel.	Winter damage	trials	% rel.
IKI	=C	11	12.9	100	16	4.6	100	12	10.5	100	11	12.2	100	6	2.7
BOTNIA II		11	13.8	107	13	12.9	285	9	18.4	141	8	19.8	137	5	7.4
GRINDSTAD		4	14.0	243	5	12.2	161	1	0.0		5	4.8	171	6	8.5
HJAN TIITI		11	15.9	123	14	4.3	128	11	12.9	113	11	19.4	159*	5	8.2
JONATAN		0	0.0		6	4.2	125	6	17.5	118	9	13.7	107	6	3.0
TUUKKA		7	17.9	105	8	5.4	143	8	14.0	114	8	12.8	79	4	7.0
VEGA		1	18.0	100	1	47.0	174	0	0.0		4	4.8	136	6	1.5
JO 0193		3	13.7	87	7	2.0	54	7	9.3	148	8	5.3	95	6	3.2
JO 0194		1	0.0	0	4	5.0	200	4	10.8	105	7	5.4	86	6	5.5
HJA 72002		0	0.0		0	0.0		0	0.0		4	4.8	136	5	6.0
HJA 80102		0	0.0		0	0.0		0	0.0		3	4.7	156	5	5.0

Nurminata, 1988-1995, Viralliset kokeet
Meadow fescue, *Festuca pratensis* Huds., 1988-1995, Official variety trials

1. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato	Valk.-%		Poikkeamat mitarilajikkeiden tuloksista		Kuiva-aine-%		Bot.anal.	
	kpl	kg/ha	sl			Syksy	Peittävyys-%				
							Kevät				
Variety	Total yield		Yield / 1st cut	Prot.-%		Differences from results of control variety		Dry matter-%		Bot.anal.	
	trials	kg/ha	rel.			Autumn	Covering-%				
						Spring					
KALEVI ANTTI BORIS KASPER SALTEN	=C										
	122	7711	100	3321	100	94	80	15	20.0	28.7	
	94	8059	106***	3284	100	-2*	4**	-5***	-3.3*	.3	
	119	8116	105***	3413	102	-1*	3**	-4***	-8***	-2	
	79	8104	105***	3355	101	-1	3**	-4***	-5***	.0	
RETU ruokonata JO 0807	112	8234	107***	3586	107***	-1	6***	-8***	-9***	.2	
	39	8285	125***	3050	102	1	8*	-9*	-1.6***	-2.0	
	34	7363	108**	3093	106	0	4*	-5**	-.3	-.5	
BORIS ANTTI KALEVI KASPER SALTEN	=C										
	119	8116	100	3413	100	93	83	11	19.2	28.8	
	91	8060	100	3308	98	0	0	-1	.5***	.5	
	119	7716	95***	3340	98	1*	-3**	4***	.8***	.2	
	76	8102	101	3385	99	0	0	0	.5***	.5	
RETU ruokonata JO 0807	109	8243	102	3615	106***	0	3**	-4***	-.1	.4	
	39	8285	116***	3050	97	1	3	-2	-.8**	-1.2	
	34	7363	102	3093	102	1	2	-2	.5**	.2	

Nurminata, 1988-1995, Viralliset kokeet
Meadow fescue, *Festuca pratensis* Huds., 1988-1995, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v			Kok.sato 2.v			Kok.sato 3.v			Talvituho-% poikkeamat		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	1.v	2.v	3.v
Variety	Total yield			Total yield			Total yield			Winter damage % differences		
	1st year	2nd year	3rd year	1st year	2nd year	3rd year	1st year	2nd year	3rd year	1st year	2nd year	3rd year
=C	40	8349	100	42	7938	100	38	6952	100	9	15	21
	35	8622	103	31	8312	107***	25	7200	109***	-1	-6***	-10**
	39	8747	105***	41	8295	105**	37	7432	107***	-2**	-3	-7***
	29	8385	105*	26	8454	106***	23	7389	105**	-2**	-6***	-5
	38	8517	102	39	8601	109***	33	7697	111***	-3*	-8***	-13***
RETU ruokonata JO 0807	15	7495	106	14	8819	135***	10	8723	142***	1	-17*	-11
	15	7811	102	13	7646	110**	6	5630	118*	-2*	-6*	-12
=C	39	8747	100	41	8295	100	37	7432	100	7	13	14
	34	8637	97	30	8299	102	24	7199	100	2	-3	-1
	39	8362	96***	41	7932	96**	37	6963	94***	2**	3	7***
	28	8388	101	25	8444	101	22	7389	99	0	0	2
	37	8532	98	38	8602	105**	32	7714	103	-1	-5**	-5**
RETU ruokonata JO 0807	15	7495	102	14	8819	123***	10	8723	129**	3*	-7	-3
	15	7811	100	13	7646	104	6	5630	106	1	-4	-2

Nurminata, 1988-1995, Viralliset kokeet: Luokiteltu vyöhykkeittäin
Meadow fescue, *Festuca pratensis* Huds., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	7	9344 100	39	8189 100	45	8126 100	20	7129 100	11	4339 100
	610022	103	22	8584 102	36	8554 107**	19	7751 109**	11	4851 112*
	7	9811 105	36	8338 101	45	8572 105**	20	7710 108**	11	5180 119**
	6	9215 105	24	7927 99	27	8621 107**	14	8352 110**	8	5619 119**
	610233	105	36	8409 102	39	8538 105*	20	8225 115**	11	5510 127**
RETU ruokonata JO 0807	310683	127	6	7989 119	12	8849 118*	10	8922 125**	8	5968 151*
	2	9195 100	8	7119 99	12	8380 108**	7	6573 109*	5	5688 132*
=C	7	9811 100	36	8338 100	45	8572 100	20	7710 100	11	5180 100
	610022	98	19	8672 98	36	8554 101	19	7751 101	11	4851 94
	7	9344 95	36	8244 99	45	8126 95**	20	7129 92**	11	4339 84**
	6	9215 102	21	7898 100	27	8621 101	14	8352 102	8	5619 98
	610233	100	33	8455 101	39	8538 100	20	8225 107*	11	5510 106
RETU ruokonata JO 0807	310683	127	6	7989 126*	12	8849 110	10	8922 114	8	5968 121
	2	9195 104*	8	7119 102	12	8380 102	7	6573 102	5	5688 101

Nurminata, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
Meadow fescue, *Festuca pratensis* Huds., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke1			Vyöhyke2			Vyöhyke3			Vyöhyke4			Vyöhyke5		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
Variety	Zone 1			Zone 2			Zone 3			Zone 4			Zone 5		
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
=C	7	7.1	100	34	4.6	100	35	14.8	100	19	23.9	100	11	35.5	100
	6	5.8	88	20	3.2	54*	26	9.5	60**	18	17.8	72*	11	28.5	81
	7	4.4	62	31	3.1	63*	33	10.9	68**	19	19.0	80	11	26.6	75*
	6	4.3	59	21	3.4	86	20	10.6	65*	13	12.2	68**	8	26.3	75*
	6	4.0	60	31	2.7	55*	28	7.5	42**	19	10.9	46***	11	20.8	59**
RETU ruokonata JO 0807	3	5.7	142	5	1.2	46	10	10.5	56	10	12.9	65	8	17.5	47
	2	1.0	100	8	2.9	105	11	6.8	53*	7	29.0	81	5	23.8	64
=C	7	4.4	100	31	3.1	100	33	10.9	100	19	19.0	100	11	26.6	100
	6	5.8	140	17	3.4	88	26	9.5	90	18	17.8	90	11	28.5	107
	7	7.1	161	31	4.8	158*	33	14.8	143**	19	23.9	126	11	35.5	133*
	6	4.3	104	18	3.6	98	20	10.6	108	13	12.2	103	8	26.3	105
	6	4.0	96	28	2.8	85	28	7.5	65**	19	10.9	57*	11	20.8	78**
RETU ruokonata JO 0807	3	5.7	213	5	1.2	30	10	10.5	92	10	12.9	98	8	17.5	67
	2	1.0	100	8	2.9	82	11	6.8	87	7	29.0	82	5	23.8	103

Nurminata, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Meadow fescue, *Festuca pratensis* Huds., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991		V 1992		V 1993		V 1994		V 1995	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1991		Year 1992		Year 1993		Year 1994		Year 1995	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
=C	16	7360 100	17	7161 100	13	6782 100	16	6426 100	7	7512 100
	16	7773 106**	15	7082 102	11	7406 116**	11	6528 111**	5	7718 107
	15	7797 105**	17	7558 106*	13	7503 111*	16	6760 105*	7	7836 104
	8	7203 104	6	6637 95	6	7050 115	13	7115 107*	7	7787 104
	16	7963 108*	16	7240 104	12	8009 121**	14	7155 111**	6	7754 104
	1	4490 106	7	7061 113	7	8830 151**	12	7959 122*	6	8917 119**
RETU ruokonata	1	4600 134	6	6865 102	4	7322 123	12	7066 110**	7	7844 104
JO 0807										
=C	15	7797 100	17	7558 100	13	7503 100	16	6760 100	7	7836 100
	15	7809 100	15	7082 95	11	7406 102	11	6528 102	5	7718 102
	15	7415 95**	17	7161 95*	13	6782 90*	16	6426 95*	7	7512 96
	7	7174 97	6	6637 93	6	7050 99	13	7115 101	7	7787 99
	15	8016 103	16	7240 98	12	8009 108*	14	7155 105**	6	7754 100
	1	4490 96	7	7061 110	7	8830 132**	12	7959 114*	6	8917 115
RETU ruokonata	1	4600 136	6	6865 96	4	7322 106	12	7066 103	7	7844 100
JO 0807										

Nurminata, 1991-1995, Viralliset kokeet: Luokittelu vuosittain
Meadow fescue, *Festuca pratensis* Huds., 1991-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	Talviuho		sl	Talviuho		sl	Talviuho		sl	Talviuho		sl	Talviuho		sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
=C	KALEVI	12	24.3	100	16	14.8	100	13	30.7	100	14	17.6	100	7	6.3
	ANTTI	12	17.4	72	14	12.8	76	11	20.4	56**	10	19.5	82	5	2.6
	BORIS	11	23.4	90	16	11.0	75*	13	18.8	61**	14	12.8	72	7	3.7
	KASPER	6	17.5	65	6	3.5	70	6	30.0	69*	12	15.4	80	7	2.4
	SALTEN	12	12.3	51*	15	7.4	48*	12	11.8	37**	12	13.1	65	6	1.7
															24
RETU ruokonata JO 0807	1	34.0	94	7	6.0	41	7	13.3	35*	11	14.5	70	6	6.2	90
	1	44.0	138	6	11.7	65	4	28.3	61*	11	13.6	68	7	2.3	36
=C	BORIS	11	23.4	100	16	11.0	100	13	18.8	100	14	12.8	100	7	3.7
	ANTTI	11	18.6	80	14	12.8	102	11	20.4	92	10	19.5	119	5	2.6
	KALEVI	11	26.1	112	16	14.8	134*	13	30.7	164**	14	17.6	138	7	6.3
	KASPER	5	19.6	97	6	3.5	150	6	30.0	105	12	15.4	115	7	2.4
	SALTEN	11	13.2	56*	15	7.4	64	12	11.8	62	12	13.1	92	6	1.7
															42
RETU ruokonata JO 0807	1	34.0	103	7	6.0	57	7	13.3	54	11	14.5	99	6	6.2	154
	1	44.0	59	6	11.7	90	4	28.3	92	11	13.6	98	7	2.3	62

Koiranheinä, 1994-1995, Viralliset kokeet
Cocksfoot, *Dactylis glomerata* L., 1994-1995, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v			Kok.sato 2.v			Kok.sato 3.v			Talvituho-% poikkeamat mittariäijikkeen tuloksista		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	1.v	2.v	3.v
Variety	Total yield 1st year			Total yield 2nd year			Total yield 3rd year			Winter damage % dirferences from results of control variety		
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	1st year	2nd year	3rd year
HAKA	1	6500	100	1	10620	100	0	0	100	22	1	0
TATU	1	5610	86	1	9970	94	0	0		10	0	0
=C												
TATU	1	5610	100	1	9970	100	0	0	100	32	1	0
HAKA	1	6500	116	1	10620	107	0	0		-10	0	0

Koiranheinä, 1994-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Cockstoot, *Dactylis glomerata* L., 1994-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5	
	kg/ha	sl	kg/ha	sl	kg/ha	sl	kg/ha	sl	kg/ha	sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.	kg/ha	rel.
HAKA	0	0.0	3 7176	100	5 6206	100	0	0.0	0	0.0
TATU	0	0.0	3 7151	100	5 5724	92*	0	0.0	0	0.0
TATU	0	0.0	3 7151	100	5 5724	100	0	0.0	0	0.0
HAKA	0	0.0	3 7176	100	5 6206	108*	0	0.0	0	0.0

Koiranheinä, 1994-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Cocksfoot, *Dactylis glomerata* L., 1994-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke1			Vyöhyke2			Vyöhyke3			Vyöhyke4			Vyöhyke5		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
Variety	Zone 1			Zone 2			Zone 3			Zone 4			Zone 5		
	Winter damage trials	%	rel.	Winter damage trials	%	rel.	Winter damage trials	%	rel.	Winter damage trials	%	rel.	Winter damage trials	%	rel.
HAKA	0	0.0		3	17.0	100	5	14.8	100	0	0.0		0	0.0	
TATU	0	0.0		3	20.0	118	5	19.2	130	0	0.0		0	0.0	
	=C														
TATU	0	0.0		3	20.0	100	5	19.2	100	0	0.0		0	0.0	
HAKA	0	0.0		3	17.0	85	5	14.8	77	0	0.0		0	0.0	
	=C														

Koiranheinä, 1994-1995, Viralliset kokeet: Luokittelu vuosittain
 Cocksfoot, *Dactylis glomerata* L., 1994-1995, Official variety trials: Classification according to years

Lajike	V 1994		V 1995	
	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Year 1994		Year 1995	
	trials	kg/ha rel.	trials	kg/ha rel.
HAKA	7 5991	100	110620	100
TATU	7 5729	96	1 9970	94
=C				
TATU	7 5729	100	1 9970	100
HAKA	7 5991	105	110620	107
=C				

Koiranheinä, 1994-1995, Viralliset kokeet: Luokittelu vuosittain
Cocksfoot, *Dactylis glomerata* L., 1994-1995, Official variety trials: Classification according to years

Lajike	V 1994		V 1995	
	Talviuho		Talviuho	
	kpl	% sl	kpl	% sl
Variety	Year 1994		Year 1995	
	Winter damage		Winter damage	
	trials	% rel.	trials	% rel.
HAKA	7	17.7 100	1	1.0 100
TATU	7	22.1 125	1	1.0 100
	=C			
TATU	7	22.1 100	1	1.0 100
HAKA	7	17.7 80	1	1.0 100
	=C			

Englanninraiheinä, 1988-1995, Viralliset kokeet
 Perennial rye-grass, *Lolium perenne* L., 1988-1995, Official variety trials

1. 2. ja 3. vuoden nurmion keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato		Poikkeamat mittarilajikkeiden tuloksista	
	kpl	kg/ha sl	kg/ha	sl	Valk.-%	
Variety	Total yield		Yield / 1st cut		Differences from results of control variety	
	trials	kg/ha rel.	kg/ha	rel.	Prot.-%	
RIIKKA	15	8217 100	3687	100	13.5	
NORLEA	12	7413 95	3076	91*	.3	
SVEA	9	8099 96	2816	84**	.3	

Luokittelu vuosittain, Classification according to years

Lajike	V 1991		V 1992		V 1993		V 1994		V 1995	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Ycar 1991		Ycar 1992		Ycar 1993		Ycar 1994		Ycar 1995	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
RIIKKA	11	10480 100	0	0.0	0	0.0	5	8911 100	4	7910 100
NORLEA	0	0.0	0	0.0	0	0.0	5	8848 99	4	7660 97
SVEA	0	0.0	0	0.0	0	0.0	5	8296 93	4	7853 99

Englanninraiheinä, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Perennial rye-grass, *Lolium perenne* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4		Vyöhyke 5	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
RIIKKA NORLEA SVEA	=C		1	2340 100	11	8326 100	3	9775 100	0	0.0
	1	1770 76	8	7384 96	3	9374 96	0	0.0	0	0.0
	0	0.0	6	7906 101	3	8487 87	0	0.0	0	0.0

Italianraiheinä, 1988-1995, Viralliset kokeet
Italian rye-grass, *Lolium multiflorum* Lam., 1988-1995, Official variety trials

1. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato		Poikkeamat mitarilajikkeen tuloksista
	kpl	kg/ha	sl		Valk.-%
Variety	Total yield		Yield / 1st cut		Differences from results of control variety
	trials	kg/ha	rel.	kg/ha	Prot.-%
MITOS (4N)	33	7835	100	2496	19.4
ATOS	12	7995	100	2833	-3.0
FABIO	4	9379	101	3257	-5
BAR LM 5AK	4	8826	95**	2861	1.3
L-LMT 202	8	8199	94*	2837	1.2*

Luokittelu vuosittain, Classification according to years

Lajike	V 1991		V 1992		V 1993		V 1994		V 1995	
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl
Variety	Year 1991		Year 1992		Year 1993		Year 1994		Year 1995	
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials
MITOS (4N)	4	6135	100	4	7356	100	4	8072	100	4
ATOS	0	0.0		0	0.0		4	8068	100	4
FABIO	0	0.0		0	0.0		0	0.0		4
BAR LM 5AK	0	0.0		0	0.0		0	0.0		4
L-LMT 202	0	0.0		0	0.0		0	0.0		4
							4	7458	92	4
										8939
										96

Italianraiheinä, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Italian rye-grass, *Lolium multiflorum* Lam., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke1		Vyöhyke2		Vyöhyke3		Vyöhyke4		Vyöhyke5			
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5			
	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
MITOS (4N)	0	0.0		1	5500	100	16	8445	100	8	9066	100
	=C											
ATOS	0	0.0		0	0.0		6	7914	99	310003	104	98
FABIO	0	0.0		0	0.0		2	8762	103	111700	101	98
BAR LM 5AK	0	0.0		0	0.0		2	8042	94	111190	96	95
L-LMT 202	0	0.0		0	0.0		4	8017	94	2	9870	95

Puna-apila, 1988-1995, Viralliset kokeet
Red clover, *Trifolium pratense* L., 1988-1995, Official variety trials

1. 2. ja 3. vuoden nurmien keskiarvot, Averages of 1, 2 and 3 years old grasses

Lajike	Kokonaissato		1. niiton sato kg/ha	sl	Poikkeamat mittarilajikkeiden tuloksista		Syksy	Kevät	Talvituho-%	Kuiva-aine-%	Bot. anal.		
	kpl	kg/ha			sl	Valk.-%						Differences from results of control variety	
												Prot.-%	Covering-%
Variety	Trials	kg/ha	rel.	Yield / 1st cut kg/ha	rel.	Prot.-%	Autumn	Spring	Winter damage %	Dry matter-%	Bot. anal.		
=C HJAN VENLA BJURSELE JESPER TEPA JO 0891	85	6039	100	3909	100	15.7	69	50	31	20.4	18.9		
	85	5655	94	3934	101	.6	2	5	-9***	-.3	2.4*		
	62	6668	108**	4578	114***	-.4	11***	13***	-8***	-.5	2.9**		
	78	6461	108***	4233	107*	-.2	6*	7***	-6**	-1.4***	2.5*		
	9	4551	169***	3236	161**	-1.6	38**	32**	-5	-1.7	11.8*		
=C BJURSELE HJAN VENLA JESPER TEPA JO 0891	89	5740	100	4020	100	16.4	71	56	21	20.2	24.7		
	85	6039	107	3909	99	-.6	-2	-5	9***	.3	-2.4*		
	66	6711	117***	4630	114***	-.4	11***	9***	0	-.5	.4		
	80	6381	115***	4183	106	-.7*	4	2	3	-1.1***	-.3		
	13	5384	100	3879	95	.7	0	-5*	6*	-.5	-3.6		

Puna-apila, 1988-1995, Viralliset kokeet
Red clover, *Trifolium pratense* L., 1988-1995, Official variety trials

1. 2. ja 3. vuoden nurmien tulokset, Results of 1st, 2nd and 3rd years old grasses

Lajike	Kok.sato 1.v			Kok.sato 2.v			Kok.sato 3.v			Talviuho-% poikkeamat mittarilajikkeen tuloksista		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	1.v	2.v	3.v
Variety	Total yield			Total yield			Total yield			Winter damage % dirrerences from results of control variety		
	1st year	2nd year	3rd year	1st year	2nd year	3rd year	1st year	2nd year	3rd year	1st year	2nd year	3rd year
HJAN VENLA BJURSELE JESPER TEPA JO 0891	32	7281	100	30	6092	100	23	4241	100	19	35	43
	32	6025	83**	30	6017	99	23	4669	110	-4	-11***	-13**
	26	7724	100	22	6508	116***	14	4959	123**	-6	-10*	-11***
	29	7421	103	27	6758	113**	22	4829	114**	-7	-8*	-4
	5	4518	179*	4	4592	143	0	0	0	-13	-3	0
BJURSELE HJAN VENLA JESPER TEPA JO 0891	34	5997	100	32	6236	100	23	4669	100	15	23	29
	32	7281	121**	30	6092	101	23	4241	91	4	11***	13**
	28	7562	120**	24	6741	118***	14	4959	107	-2	1	2
	30	7255	123**	28	6664	113**	22	4829	105	-1	4	9*
	7	4794	102	6	6073	97	0	0	0	6	11*	0

Puna-apila, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Red clover, *Trifolium pratense* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1		Vyöhyke 2		Vyöhyke 3		Vyöhyke 4		Vyöhyke 5	
	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl	kpl	kg/ha sl
Variety	Zone 1		Zone 2		Zone 3		Zone 4		Zone 5	
	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.	trials	kg/ha rel.
HJAN VENLA	=C	11 6905 100	34 7022 100		31 5096 100		9 4513 100		0 0.0	
BJURSELE		11 5640 82	34 6267 89*		31 5337 105		9 4459 99		0 0.0	
JESPER		11 7712 112	21 7720 106		25 5878 110		5 3900 103		0 0.0	
TEPA		11 7886 114	27 7251 103		31 5804 114*		9 4608 102		0 0.0	
JO 0891		2 5890 173*	2 5504 148		5 3634 181		0 0.0		0 0.0	
BJURSELE	=C	11 5640 100	36 6482 100		31 5337 100		11 4546 100		0 0.0	
HJAN VENLA		11 6905 122	34 7022 112**		31 5096 95		9 4513 101		0 0.0	
JESPER		11 7712 137*	23 7980 121***		25 5878 107*		7 3943 101		0 0.0	
TEPA		11 7886 140**	27 7251 118***		31 5804 109*		11 4365 96		0 0.0	
JO 0891		2 5890 110	4 8045 107*		5 3634 94		2 3935 80		0 0.0	

Puna-apila, 1988-1995, Viralliset kokeet: Luokittelu vyöhykkeittäin
 Red clover, *Trifolium pratense* L., 1988-1995, Official variety trials: Classification according to zones

Lajike	Vyöhyke 1			Vyöhyke 2			Vyöhyke 3			Vyöhyke 4			Vyöhyke 5		
	Talvituho			Talvituho			Talvituho			Talvituho			Talvituho		
Variety	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
	Zone 1			Zone 2			Zone 3			Zone 4			Zone 5		
	Winter damage			Winter damage			Winter damage			Winter damage			Winter damage		
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
HJAN VENLA	=C			29	25.2	100	27	40.6	100	8	31.0	100	0	0.0	
BJURSELE	10	22.5	100	29	14.7	58**	27	33.9	83	8	21.8	70	0	0.0	
JESPER	10	13.0	58	18	19.2	72**	21	30.6	80**	4	32.0	82	0	0.0	
TEPA	10	9.8	44	23	22.1	90	27	30.4	75**	8	28.6	92	0	0.0	
JO 0891	2	14.5	64	1	3.0	27	5	44.0	114	0	0.0		0	0.0	
	2	8.0	21												
BJURSELE	=C			31	14.0	100	27	33.9	100	10	18.1	100	0	0.0	
HJAN VENLA	10	13.0	100	29	25.2	172**	27	40.6	120	8	31.0	143	0	0.0	
JESPER	10	22.5	173	20	18.0	115	21	30.6	95	6	23.5	112	0	0.0	
TEPA	10	9.8	75	23	22.1	174**	27	30.4	90	10	25.9	143	0	0.0	
JO 0891	2	14.5	112	3	9.7	264	5	44.0	129	2	6.0	171	0	0.0	
	2	8.0	123												

Puna-apila, 1988-1995, Viralliset kokeet: Luokittelu vuosittain
Red clover, *Trifolium pratense* L., 1988-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl	kpl	kg/ha	sl
	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
Variety	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.	trials	kg/ha	rel.
HJAN VENLA	12	5473	100	13	4861	100	9	6646	100	5	3052	100	4	2914	100
BJURSELE	12	4843	88	13	4336	89*	9	7609	114*	5	5140	168**	4	4488	154
JESPER	12	5789	106	7	5154	113*	4	6506	127	4	5675	190*	4	5519	189*
TEPA	11	4980	99	11	4283	99	7	7347	105	5	5608	184**	4	5320	183*
JO 0891	0	0.0		1930.0	133		0	0.0		4	5415	182**	4	4592	158
BJURSELE	12	4843	100	13	4336	100	9	7609	100	7	5257	100	6	6167	100
HJAN VENLA	12	5473	113	13	4861	112*	9	6646	87*	5	3052	59**	4	2914	65
JESPER	12	5789	120*	7	5154	125**	4	6506	101	6	5600	105	6	6783	110
TEPA	11	4980	114	11	4283	109	7	7347	95	6	5078	103	5	5080	106
JO 0891	0	0.0		1930.0	100		0	0.0		6	5438	102	6	6073	98

Puna-apila, 1988-1995, Viralliset kokeet: Luokittelu vuosittain
 Red clover, *Trifolium pratense* L., 1988-1995, Official variety trials: Classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	Talviuho			Talviuho			Talviuho			Talviuho			Talviuho		
Variety	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	Winter damage			Winter damage			Winter damage			Winter damage			Winter damage		
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
HJAN VENLA	=C	9	42.2	100	12	29.1	100	9	35.6	100	5	33.8	100	3	29.0
BJURSELE		9	31.3	74	12	18.9	65*	9	24.1	68	5	10.2	30	3	30.7
JESPER		9	32.6	77	6	22.5	63*	4	36.3	68**	4	8.0	26	3	36.3
TEPA		9	38.7	92	10	27.7	86	7	35.0	93	5	12.4	37	3	29.0
JO 0891		0	0.0		1	87.0	123	0	0.0		4	10.0	33	3	37.3
BJURSELE	=C	9	31.3	100	12	18.9	100	9	24.1	100	7	8.9	100	5	19.2
HJAN VENLA		9	42.2	135	12	29.1	154*	9	35.6	147	5	33.8	331	3	29.0
JESPER		9	32.6	104	6	22.5	114	4	36.3	87	6	8.0	130	5	24.0
TEPA		9	38.7	123	10	27.7	129	7	35.0	120	6	12.5	129	4	26.0
JO 0891		0	0.0		1	87.0	126	0	0.0		6	9.8	159	5	26.2

Punanata, 1988-1995, Viralliset kokeet
Red fescue, *Festuca rubra* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeiden tuloksista, Differences from results of control variety

Lajike Variety	kpl Green cover in average trials	Vihertävyys keskimäärin % sl %	Tiheys Density		Talvi- tuho-% %	Kasvu cm Growth cm	Kasvuun lähtö pv lkm Beginning of growth d	Väri kestä Strength of colour	Vihertävyys Kevät 1 Kesä Spring 1 Midsummer	
			Autumn	Spring						
CENTER FRC	90	71 100	92	78	13	49	21	64	58	73
ENSYLVA FRR	73	63 90***	-4***	-7***	5**	12***	1	-4**	-9***	-4***
CINDY FRR	47	69 93***	-4**	-7***	3	9***	1	-6***	-4**	-3*
EPSOM FRC	35	73 101	-2	4**	-6**	8***	-1	-1	7***	0
HERALD FRR	27	72 95***	-1*	-8***	7**	10***	1	-4*	-5*	-2
JULISKA FRC	77	69 97***	-1	0	-2	7***	-1	2	0	-2**
MEDINA FRC	22	72 99	-1*	-2	0	4***	0	-1	0	-1
RAYMOND	17	71 97*	-1	-1	0	2	0	-2	-1	-3*
SIMONE FRC	22	71 97**	0	-2	1	0	0	-1	-3	-2
BARDUR FOD	19	66 87**	-4*	-16***	12**	-7***	1	2	-20***	-8*
BARLANDER FRT	13	68 93*	-2	-8**	7*	-6**	3	-1	-14**	-1
BARLOTTE FRT	7	70 91*	-1	-5	5	9**	-3	-3	-10**	-6
BAROXI FRC	7	73 96*	0	-8	8	-1	1	2	-7	-2
BARSKOL FRT	7	70 91	-4	-11**	7*	10***	-3	-2	-9*	-5
DARWIN FRC	13	73 100	-1	-2	2	-4	-2	0	3	0
DIEGO FRR	31	64 86***	-4*	-14***	12***	9***	5***	-6*	-17***	-6***
CORAIL FRR (DIVA)	7	73 96*	-1	-4*	3	6**	1	-3	-7**	-2
FRIDA FRC	17	72 98	-1	-1	0	0	1	-4	-3	0
HOLLYWOOD	17	64 87***	-2	-12**	11**	6***	5*	-6*	-15**	-6**
LOVISA FRT	17	68 93***	-1	-5*	5*	10***	3	-8*	-9**	-2

jatkuu

Punanata, 1988-1995, Viralliset kokeet
Red fescue, *Festuca rubra* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Viherpeitlävyys keskimäärin		Tiheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Värin kesto	Viherpeitlävyys			
	kpl	% sl	Syky	Kevät					Kevät 1	Keskikesä		
Variety	Green cover in average		Density		Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Green cover			
	trials	% rel.	Autumn	Spring					Spring 1	Midsummer		
jatkoa												
=C	CENTER FRC	90	71	100	92	78	13	49	21	64	58	73
	LUSTER FRC	56	68	97***	-2***	-2*	0	2**	0	2	-2	-1
	NAPOLI FRT	4	73	91	-4	-6*	2	8*	-2	-1	-8	-4
	NÄPSÄ	38	64	88***	-8***	-7**	0	6***	1	-18***	-4	-5*
	OLIVIA FRC	7	80	104	1	1	-1	-1	-1	6	2	4*
	PICNIC FRR	20	67	88***	-1	-11***	10***	9***	5**	-4	-16***	-8***
	RAINBOW FRC	7	77	101	0	0	0	-2	-3	3	1	0
	SAMT FRC	4	80	100	-2	-3	1	1	-4	-1	5	-6
	SCORPIO FRT	13	70	92*	0	-3	3	2	5	-2	-18*	-3
	SORMILA FRR	4	62	78*	-7	-10	4	10*	4	-6	-17	-14**
42-158	SUNSET ZW	23	66	87***	-5***	-9***	5**	12***	3**	-7**	-11***	-8***
	VICTORY FRC	13	69	95**	-1	-3*	1	10***	-1	-4	0	-5*
	DP 81-3-24 FRR	4	70	88	-3	-6	3	8**	3	-4	-11	-9*
	DP 82303 FRC	4	77	97	1	-1	2	4	-1	-6	0	-7
	FO 143 FO	4	57	72	-8	-23	19	-13**	1	5	-27	-22*
WW RS 130	17	59	81***	-6**	-13***	8**	9***	3	-13***	-16***	-11***	

Punanata, 1988-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan
 Red fescue, *Festuca rubra* L., 1988-1995, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1				Nurmen ikä 2				Nurmen ikä 3			
	kpl		%		kpl		%		kpl		%	
	trials	%	rel.	Age of lawn 1 year	trials	%	rel.	Age of lawn 2 years	trials	%	rel.	Age of lawn 3 years
Variety												
=C	CENTER FRC	28	75.3	100	31	73.2	100	24	69.4	100		
	ENSYLVA FRR	24	66.6	90***	26	63.6	90***	19	61.9	92***		
	CINDY FRR	17	70.5	93***	17	71.5	93**	12	65.9	94**		
	EPSOM FRC	14	75.4	101	13	75.9	101	7	67.2	99		
	HERALD FRR	11	72.6	94*	10	75.2	96*	6	65.6	92		
JULISKA FRC	JULISKA FRC	25	72.0	96**	27	70.4	98	20	66.5	97*		
	MEDINA FRC	9	76.4	100	8	77.1	99	4	67.1	96		
	RAYMOND	8	74.0	98	6	73.3	96	3	58.0	95		
	SIMONE FRC	9	74.5	97	8	75.3	97	4	67.5	97		
	BARDUR FOD	8	72.1	95	7	64.7	81	4	57.2	82		
BARLANDER FRT	BARLANDER FRT	6	72.0	97	5	69.1	89	2	51.4	90		
	BARLOTTE FRT	4	69.8	94	3	69.9	87	0	0.0			
	BAROXI FRC	4	71.6	97	3	75.7	94	0	0.0			
	BARSKOL FRT	4	69.5	94	3	70.7	88	0	0.0			
	DARWIN FRC	6	76.4	103	5	75.8	98	2	52.9	92*		
DIEGO FRR (DIVA)	DIEGO FRR	13	66.9	87***	11	65.8	86**	6	58.5	82**		
	CORAIL FRR	4	70.9	96	3	76.9	96	0	0.0			
	FRIDA FRC	8	75.3	100	6	72.9	95*	3	59.8	98		
	HOLLYWOOD	8	67.3	89**	6	65.0	85**	3	54.1	89		
	LOVISA FRT	8	71.1	94**	6	69.3	91*	3	57.1	94		
jatkuu												

Punanata, 1988-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan
 Red fescue, *Festuca rubra* L., 1988-1995, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1				Nurmen ikä 2				Nurmen ikä 3			
	kpl		%		kpl		%		kpl		%	
	Age of lawn 1 year		Age of lawn 2 years		Age of lawn 3 years		Age of lawn 3 years		Age of lawn 3 years		Age of lawn 3 years	
Variety	trials	rel.	trials	rel.	trials	rel.	trials	rel.	trials	rel.	trials	rel.
jatkoa												
CENTER FRC	28	75.3	100		31	73.2	100		24	69.4	100	
LUSTER FRC	16	72.6	97*		20	69.6	97*		15	67.9	96**	
NAPOLI FRT	2	70.2	93		2	76.0	90		0	0.0		
NÄPSÄ	13	66.9	88***		13	65.3	86***		8	63.5	90**	
OLIVIA FRC	4	77.8	105		3	83.0	104		0	0.0		
PICNIC FRR	9	66.3	88**		7	70.4	88*		4	60.3	86	
RAINBOW FRC	4	76.5	103		3	78.5	98		0	0.0		
SAMT FRC	2	74.2	99		2	85.7	101		0	0.0		
SCORPIO FRT	5	71.4	97		5	74.0	92		2	63.7	85	
SORMILÄ FRR	2	60.5	81		2	64.2	76		0	0.0		
SUNSET ZW 42-158	10	66.5	87***		8	68.5	87***		5	61.9	89	
VICTORY FRC	6	72.8	99		5	72.2	93		2	50.6	88	
DP 81-3-24 FRR	2	64.1	85		2	76.5	90		0	0.0		
DP 82303 FRC	2	70.4	94*		2	84.5	100		0	0.0		
FO 143 FO	2	61.0	81		2	53.4	63		0	0.0		
WW RS 130	8	59.9	79**		6	62.5	82**		3	52.1	86	

Punanata, 1991-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain
 Red fescue, *Festuca rubra* L., 1991-1995, Official variety trials: Green cover in average, classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
=C	14	78.9	100	15	73.5	100	11	65.8	100	10	64.8	100	4	81.8	100
	10	62.8	83***	10	66.8	92**	8	60.6	93	8	61.0	94**	4	74.8	92*
	10	70.6	91*	10	71.1	95*	7	63.7	92**	6	63.1	93	3	76.6	96
	7	76.4	102	10	75.2	101	7	69.8	101	6	68.2	100	3	82.3	103
	4	72.9	94	8	75.9	96	6	70.3	91**	6	64.6	95	3	78.6	98
	11	71.5	93**	12	72.6	98*	9	67.4	99	9	65.5	100	4	79.4	97
JULISKA FRC	3	77.0	94	5	77.1	101	5	64.7	97*	6	69.2	101	3	79.3	99
MEDINA FRC	0	0.0		4	74.2	96	3	69.8	96	7	67.0	98	3	76.8	96
RAYMOND	3	76.5	94*	5	76.2	99	5	65.7	99	6	66.6	97	3	75.7	94
SIMONE FRC	2	80.2	99	4	71.9	91	4	59.3	76	6	62.5	91	3	66.1	82
BARDUR FOD															
BARLANDER FRT	0	0.0		2	65.9	90	2	63.2	86	6	67.1	98	3	73.1	91
BARLOTTE FRT	0	0.0		0	0.0		0	0.0		4	69.8	94	3	69.9	87
BAROXI FRC	0	0.0		0	0.0		0	0.0		4	71.6	97	3	75.7	94
BARSKOL FRT	0	0.0		0	0.0		0	0.0		4	69.5	94	3	70.7	88
DARWIN FRC	0	0.0		2	75.2	103	2	70.9	97	6	69.0	101	3	79.1	99
DIEGO FRR	5	68.9	87	9	68.3	88**	7	58.2	84*	7	57.9	85*	3	66.9	83
CORAIL FRR (DIVA)	0	0.0		0	0.0		0	0.0		4	70.9	96	3	76.9	96
FRIDA FRC	0	0.0		4	75.8	98	3	68.2	94	7	68.4	100	3	77.6	97
HOLLYWOOD	0	0.0		4	69.9	91*	3	61.0	84*	7	60.2	88*	3	68.9	86
LOVISA FRT	0	0.0		4	71.0	92**	3	65.2	89	7	65.1	95	3	73.3	91

jatkuu

Punanata, 1991-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain
 Red fescue, *Festuca rubra* L., 1991-1995, Official variety trials: Green cover in average, classification according to years

Lajike	V 1991				V 1992				V 1993				V 1994				V 1995			
	kpl	%	sl	rel.	kpl	%	sl	rel.	kpl	%	sl	rel.	kpl	%	sl	rel.	kpl	%	sl	rel.
	trials	%	trials		trials	%	trials		%	trials	%		trials	%	trials		%	trials	%	
Variety	Year 1991				Year 1992				Year 1993				Year 1994				Year 1995			
jatkoa	trials	%	trials	rel.	trials	%	trials	rel.	trials	%	trials	rel.	trials	%	trials	rel.	trials	%	trials	rel.
=C	CENTER FRC	14	78.9	100	15	73.5	100		11	65.8	100		10	64.8	100		4	81.8	100	
	LUSTER FRC	8	74.7	98	4	70.5	99		3	64.1	94		4	72.1	97		3	78.0	97	
	NAPOLI FRT	0	0.0		0	0.0			0	0.0			2	70.2	93		2	76.0	90	
	NÄPSÄ	7	65.3	85*	8	67.3	89**		7	67.8	98		6	61.4	90*		3	70.0	87	
	OLIVIA FRC	0	0.0		0	0.0			0	0.0			4	77.8	105		3	83.0	104	
PICNIC FRR	2	63.4	78	5	71.2	91*		4	67.9	87		6	60.9	89**		3	70.4	88		
RAINBOW FRC	0	0.0		0	0.0			0	0.0			4	76.5	103		3	78.5	98		
SAMT FRC	0	0.0		0	0.0			0	0.0			2	74.2	99		2	85.7	101		
SCORPIO FRT	1	73.8	78	2	64.8	95		1	61.5	97		5	67.4	96		3	72.4	90		
SORMILA FRR	0	0.0		0	0.0			0	0.0			2	60.5	81		2	64.2	76		
SUNSET ZW 42-158	2	63.3	78	6	69.2	87***		5	66.4	87*		7	61.7	90*		3	72.2	90		
VICTORY FRC	0	0.0		2	71.8	98		2	66.3	91		6	65.7	96		3	76.1	95		
DP 81-3-24 FRR	0	0.0		0	0.0			0	0.0			2	64.1	85		2	76.5	90		
DP 82303 FRC	0	0.0		0	0.0			0	0.0			2	70.4	94*		2	84.5	100		
FO 143 FO	0	0.0		0	0.0			0	0.0			2	61.0	81		2	53.4	63		
WW RS :30	0	0.0		4	59.1	77**		3	60.0	82		7	57.0	83*		3	65.0	81		

Punanata, 1988-1995, Viralliset kokeet
 Red fescue, *Festuca rubra* L., 1988-1995, Official variety trials

Poikkeamat mittariajajkkeen tuloksista, Differences from results of control variety

Lajike	Variety	Viherpeittävyys keskimäärin		Tilheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtiö pv lkm	Väriin kesto	Viherpeittävyys		
		kpl	%	sl	Syksy					Kevät	Spring 1	Midsummer
		Green cover in average trials	%	rel.	Density		Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Spring 1	Midsummer
=C	ENSILVA FRR	76	63	100	88	72	19	60	22	59	49	67
	CENTER FRC	73	70	111***	4***	7***	-5**	-12***	-1	4**	9**	4**
	CINDY FRR	41	67	103*	-2*	1	-4*	-1	0	-2	4**	2*
	EPSOM FRC	30	71	113***	2	10***	-11***	1	-1	5**	15***	5**
	HERALD FRR	25	71	105***	0	-1	1	2	-1	2	4**	4**
	JULISKA FRC	70	68	107***	3**	7***	-7***	-5***	-2**	5***	9***	2*
	MEDINA FRC	19	71	108***	2	5*	-6**	-4**	-1	5*	8*	3
	RAYMOND	14	70	106***	0	2	-2	-6***	-1	7**	3	2
	SIMONE FRC	19	70	106*	2*	5*	-5***	-8***	-1	5*	5	2
	BARDUR FOD	16	69	102	-1	-5	4	-14***	0	12***	-9*	1
	BARLANDER FRT	10	68	105*	0	0	-1	-14***	1	7*	-3	6*
	BARLOTTE FRT	7	70	99	1	1	0	1	-4	2	-2	1
	BAROXI FRC	7	73	104*	1	-3	4	-9*	-1	8*	1	5*
	BARSKOI FRT	7	70	99	-3	-6	3	2	-4	3	-1	2
	DARWIN FRC	10	70	108**	1	4	-4	-11***	-2	9**	5	5*
(DIVA)	DIEGO FRR	29	62	93***	-2	-8**	6**	1	3***	-2	-8**	-3*
	CORAIL FRR	7	73	104*	0	2	-2	-2	-1	2	1	5
	FRIDA FRC	14	71	107***	0	2	-2	-8***	0	6**	3	6**
	HOLLYWOOD	17	64	96*	-1	-6*	5*	0	2**	2	-5*	0
	LOVISA FRT	14	67	102	0	-2	3	3	0	1	-2	4*
jatkuu												

Punanata, 1988-1995, Viralliset kokeet
Red fescue, *Festuca rubra* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeiden tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin		Tiheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Värin kesto	Viherpeittävyys	
	kpl	% sl	Syksy	Kevät					Kevät 1	Keskikesä
Variety	Green cover in average trials		Density		Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Green cover	
jatkoa	trials	rel.	Autumn	Spring					Spring 1	Midsummer
=C	76	63 100	88	72	19	60	22	59	49	67
	51	68 108***	2	6**	-6**	-12***	-1	6***	8***	4**
	4	73 101	-2	-1	-1	1	-4	3	0	5*
	31	62 99	-4*	1	-7	-2	1	-9***	3	0
	7	80 113***	2	7	-5	-9**	-3	11**	10*	11**
PICNIC FRR	17	66 98	1	-2	3*	1	3*	3	-7**	-2
	7	77 109**	1	6*	-5*	-10*	-5	9***	9*	7*
	4	80 111	0	2	-3	-6	-6	4	13**	4
	10	70 99	0	0	0	5*	0	0	-1	2
	4	62 86*	-5	-5	0	4	2	-2	-9	-5
SUNSET ZW 42-158	20	66 98*	-3*	-5**	2	5**	1	1	-2	-1
	10	68 105**	1	4*	-3*	0	-2	4**	3*	2
	4	70 97	-2	-2	0	2	1	0	-3	0
	4	77 107	3	4	-2	-3	-3	-2	8	2
	4	57 79	-6	-19	15	-20**	-2	9	-19	-13
WW RS 130	14	59 89**	-5*	-9*	5	2	2*	-3	-10*	-4

Punanata, 1988-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan
 Red fescue, *Festuca rubra* L., 1988-1995, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1			Nurmen ikä 2			Nurmen ikä 3		
	Age of lawn 1 year			Age of lawn 2 years			Age of lawn 3 years		
	trials	%	rel.	trials	%	rel.	trials	%	rel.
Variety									
ENSYLVA. FRR	=C			27	64.0	100	20	61.9	100
CENTER FRC	25	66.9	100	26	70.8	111***	19	67.5	109***
CINDY FRR	24	74.4	112***	15	69.5	104**	10	64.2	104
EPSOM FRC	15	69.5	104*	11	73.5	116***	6	67.2	110
HERALD FRR	12	74.6	114***	9	73.0	106**	6	66.5	105
	10	71.8	104**						
JULISKA. FRC	23	71.8	107***	25	69.3	108***	18	65.5	106*
MEDINA FRC	8	75.2	111**	7	75.6	109**	3	67.6	111
RAYMOND	7	73.2	107**	5	70.5	105	2	54.1	100
SIMONE FRC	8	73.3	108**	7	73.4	106	3	67.8	111
BARDUR FOD	7	72.7	107	6	68.4	97	3	60.1	98
BARLANDER FRT	5	72.6	107*	4	68.0	101	1	45.4	117
BARLOTTE FRT	4	69.8	101	3	69.9	95	0	0.0	
BAROXI FRC	4	71.6	104***	3	75.7	103	0	0.0	
BARSKOL FRT	4	69.5	101	3	70.7	96	0	0.0	
DARWIN FRC	5	73.6	109	4	73.0	108**	1	39.6	102
DIEGO FRR	12	65.9	96	10	62.2	91*	6	59.5	94*
CORAIL FRR (DIVA)	4	70.9	103	3	76.9	105	0	0.0	
FRIDA FRC	7	74.8	109***	5	70.8	106	2	56.5	105
HOLLYWOOD	8	66.4	96	6	64.3	95	3	56.9	101
LOVISA FRT	7	70.4	103*	5	67.2	100	2	55.9	103
jatkuu									

Punanata, 1988-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokiteltu iän mukaan
 Red fescue, *Festuca rubra* L., 1988-1995, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1				Nurmen ikä 2				Nurmen ikä 3			
	kpl		%		kpl		%		kpl		%	
	Age of lawn 1 year		Age of lawn 2 years		Age of lawn 3 years		Age of lawn 3 years		Age of lawn 3 years		Age of lawn 3 years	
Variety	trials	rel.	trials	rel.	trials	rel.	trials	rel.	trials	rel.	trials	rel.
jatkoa												
ENSYLVA FRR	25	66.9	100		27	64.0	100		20	61.9	100	
LUSTER FRC	15	72.3	108*		19	69.0	109***		13	66.8	106*	
NAPOLI FRT	2	70.2	103		2	76.0	99		0	0.0		
NÄPSÄ	11	65.4	97		11	62.2	96		6	62.2	101	
OLIVIA FRC	4	77.8	113*		3	83.0	113***		0	0.0		
PICNIC FRR	8	65.5	97		6	69.6	99		3	61.1	100	
RAINBOW FRC	4	76.5	111*		3	78.5	107		0	0.0		
SAMT FRC	2	74.2	109		2	85.7	112		0	0.0		
SCORPIO FRT	5	70.7	101		4	70.8	97		1	58.6	96	
SORMILA FRR	2	60.5	89		2	64.2	84		0	0.0		
SUNSET ZW 42-158	9	66.0	97		7	67.7	97*		4	63.5	101	
VICTORY FRC	5	71.4	105*		4	70.3	104**		1	40.1	104	
DP 81-3-24 FRR	2	64.1	95		2	76.5	99		0	0.0		
DP 82303 FRC	2	70.4	104		2	84.5	110		0	0.0		
FO 143 FO	2	61.0	90		2	53.4	70		0	0.0		
WW RS 130	7	59.3	87*		5	60.7	91		2	51.2	95	

Punanata, 1991-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain
 Red fescue, *Festuca rubra* L., 1991-1995, Official variety trials: Green cover in average, classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
ENSVILA FRR	11	62.6	100	10	66.8	100	8	60.6	100	8	61.0	100	4	74.8	100
CENTER FRC	10	75.6	120**	10	72.9	109**	8	65.5	108	8	65.2	107**	4	81.8	109*
CINDY FRR	8	68.2	106*	8	68.3	103	6	59.9	99	5	62.9	99	3	76.6	104**
EPSOM FRC	6	76.0	126**	8	72.5	109**	6	66.9	111	5	68.5	108*	3	82.3	112*
HERALD FRR	4	70.3	106*	6	73.4	106*	5	67.3	104	5	65.3	103**	3	78.6	107
JULISKA FRC	9	69.9	111*	10	70.8	106*	8	65.3	108	8	65.4	107***	4	79.4	106
MEDINA FRC	3	77.0	113*	4	74.9	108	4	59.1	101	5	70.0	111*	3	79.3	108
RAYMOND	0	0.0		3	72.4	107	2	61.0	106	6	67.2	105	3	76.8	105
SIMONE FRC	3	76.5	112**	4	74.2	107	4	60.0	103	5	66.5	106*	3	75.7	103
BARDUR FOD	2	80.2	118*	3	73.4	103	3	64.9	100	5	65.3	104	3	66.1	90
BARLANDER FRT	0	0.0		1	63.0	100	1	52.7	105	5	69.1	110**	3	73.1	100
BARLOTTE FRT	0	0.0		0	0.0		0	0.0		4	69.8	101	3	69.9	95
BAROXI FRC	0	0.0		0	0.0		0	0.0		4	71.6	104***	3	75.7	103
BARSKOL FRT	0	0.0		0	0.0		0	0.0		4	69.5	101	3	70.7	96
DARWIN FRC	0	0.0		1	59.9	96	1	54.6	109	5	69.5	110*	3	79.1	108*
DIEGO FRR	5	66.6	99	7	64.4	94	6	55.5	92*	6	58.9	92	3	66.9	91
CORAIL FRR (DIVA)	0	0.0		0	0.0		0	0.0		4	70.9	103	3	76.9	105
FRIDA FRC	0	0.0		3	74.7	111	2	60.7	106	6	68.7	107**	3	77.6	106
HOLLYWOOD	1	63.1	103	3	67.2	99	2	53.8	94	6	61.1	96	3	68.9	94
LOVISA FRT	0	0.0		3	69.5	103*	2	58.0	101	6	66.0	103	3	73.3	100

jatkuu

Punanata, 1991-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu vuosittain
 Red fescue, *Festuca rubra* L., 1991-1995, Official variety trials: Green cover in average, classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
jatkoa	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
ENSYLVA FRR	=C			10	66.8	100	8	60.6	100	8	61.0	100	4	74.8	100
LUSTER FRC	7	73.0	119**	3	68.3	107	2	55.2	100	3	75.1	108	3	78.0	106*
NAPOLI FRT	0	0.0		0	0.0		0	0.0		2	70.2	103	2	76.0	99
NÄPSÄ	5	60.6	103	6	63.6	95*	6	65.6	109	5	62.3	98	3	70.0	95
OLIVIA FRC	0	0.0		0	0.0		0	0.0		4	77.8	113*	3	83.0	113***
PICNIC FRR	2	63.4	93	4	70.8	101	3	65.3	101	5	61.5	98	3	70.4	96
RAINBOW FRC	0	0.0		0	0.0		0	0.0		4	76.5	111*	3	78.5	107
SAMT FRC	0	0.0		0	0.0		0	0.0		2	74.2	109	2	85.7	112
SCORPIO FRT	1	58.6	96	0	0.0		0	0.0		4	70.9	103	3	72.4	99
SORMILA FRR	0	0.0		0	0.0		0	0.0		2	60.5	89	2	64.2	84
SUNSET ZW 42-158	2	63.3	93	5	69.0	97	4	64.5	99	6	62.7	98	3	72.2	98
VICTORY FRC	0	0.0		1	63.9	102	1	52.9	106	5	66.6	106*	3	76.1	104
DP 81-3-24 FRR	0	0.0		0	0.0		0	0.0		2	64.1	95	2	76.5	99
DP 82303 FRC	0	0.0		0	0.0		0	0.0		2	70.4	104	2	84.5	110
FO 143 FO	0	0.0		0	0.0		0	0.0		2	61.0	90	2	53.4	70
WW RS 130	0	0.0		3	57.3	85	2	54.1	94	6	57.5	90	3	65.0	89

Niittynurmikka, 1988-1995, Viralliset kokeet
Kentucky bluegrass, *Poa pratensis* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeiden tuloksista, Differences from results of control variety

Lajike	Viherpeittävyys keskimäärin			Tihkeys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Varin kesto	Viherpeittävyys	
	kpl	%	sl	Syksy	Kevät					Kevät 1	Keskikesä
Variety	Green cover in average trials			Density		Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Green cover	
		%	rel.	Autumn	Spring					Spring 1	Midsummer
=C	BARON	81	67	100	76	13	49	22	5,1	58	74
	CONNI	64	73	108**	-2	4*	-3**	2*	20**	-6**	6**
	COCTAIL	22	75	106**	-2	-1	-3**	1	15**	-1	4**
	FORTUNA	22	71	103*	2	-1	-1	0	2	2	2
	JULIA	65	72	107**	3**	-3	5**	1*	12**	2	3**
LIMOUSINE	AMASON	39	74	107**	2	-2	-6**	2**	8**	1	3
	ANDANTE	38	73	105**	-2	4	-3**	4**	0	-6*	6**
	BARTITIA	7	76	107*	2	0	2*	2	13**	-4	3*
	CESAR	19	73	107**	0	0	-2*	1	15**	-1	6
								2	10**	-2	7**
MELBA	MIRACLE	52	74	106**	-1	5*	-3**	2**	16**	-5**	4**
	NIMBUS	19	72	104*	1	0	0	2	15**	-6*	3**
	NUBLUE	16	81	114**	8	-6	2	0	20**	7	14**
	SASKIA	19	72	105**	4*	-3	5**	1	6*	2	3
								2	12**	-4	3
UNIQUE	UNNA	19	73	106**	1	1	-4**	1	6*	3	4**
	WEMBLEY	19	72	105*	0	1	1	2*	2	0	4*
	BAR VB	7	68	101	-1	0	1	0	12**	-3	1
								3	11	2	5*

Lajike	Nurmen ikä 1			Nurmen ikä 2			Nurmen ikä 3		
	kpl	%	sl	kpl	%	sl	kpl	%	sl
	Age of lawn 1 year			Age of lawn 2 years			Age of lawn 3 years		
Variety	trials	%	rel.	trials	%	rel.	trials	%	rel.
BARON	24	69.2	100	29	67.8	100	23	66.1	100
CONNI	21	75.2	109**	23	75.7	111**	17	69.1	106*
COCTAIL	9	75.0	105	8	79.3	109*	4	68.5	102
FORTUNA	9	72.0	103	8	73.9	105*	5	64.7	102
JULIA	19	73.2	105*	25	73.2	107**	18	71.5	107**
LIMOUSTINE	13	78.2	113**	15	75.4	106*	10	70.5	102
AMASON	21	77.4	111***	26	71.7	105*	20	69.4	103
ANDANTE	13	75.4	108*	14	72.8	103	10	70.4	102
BARTITIA	4	72.1	104	3	80.2	110	0	0.0	
CESAR	8	71.1	105	7	78.4	108*	4	69.7	107
MELBA	18	74.8	107***	19	74.1	106**	14	72.3	103
MIRACLE	8	71.4	106	7	75.4	104	4	65.8	101
NIMBUS	4	77.1	112**	3	85.8	118*	0	0.0	
NUBLUE	7	70.1	104	6	76.6	105	3	68.2	106
SASKIA	8	71.9	103	7	75.6	106**	4	63.6	100
UNIQUE	8	76.0	108**	7	75.7	106*	4	62.4	98
UNNA	8	72.8	104	7	76.1	107*	4	65.3	102
WEMBLEY	8	67.1	100	7	71.9	101	4	64.7	102
BAR VB 1184	4	70.5	102	3	79.5	109	0	0.0	

Niittynurmikka, 1991-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokiteltu vuosittain
Kentucky bluegrass, *Poa pratensis* L., 1991-1995, Official variety trials: Green cover in average, classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
Variety	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
=C	13	70.5	100	12	72.3	100	12	69.9	100	9	63.8	100	3	72.9	100
BARON	11	77.7	108*	11	76.2	106*	11	75.3	109*	9	67.3	105	3	82.0	112
CONNI	1	76.8	93	5	76.2	106	5	75.7	112**	7	67.8	101	3	80.1	110
COCTAIL	1	70.8	114	4	69.3	98	4	72.0	103	8	68.2	103	3	77.8	107
FORTUNA	10	71.6	103	9	79.4	106**	9	76.9	107**	6	68.6	103	3	78.2	107
JULIA															
LIMOUSINE	7	77.0	110	10	75.5	102	9	73.9	105	7	70.5	107*	3	81.9	112
AMASON	12	74.4	105	10	75.4	101	10	72.4	101	7	70.0	104	3	81.1	111*
ANDANTE	6	72.2	101	9	76.4	104	9	74.4	106*	8	67.4	102	3	79.2	109
BARTITIA	0	0.0		0	0.0		0	0.0		4	72.1	104	3	80.2	110
CESAR	2	74.7	112	4	75.1	107	4	77.9	109*	6	67.1	103	3	77.2	106
MELBA	11	74.2	104*	10	76.5	103	9	73.7	105	8	69.6	105	3	82.3	113
MIRACLE	2	72.7	109*	4	74.1	106*	4	72.6	101	6	66.4	102	3	77.3	106
NIMBUS	0	0.0		0	0.0		0	0.0		4	77.1	112**	3	85.8	118*
NUBLUE	1	71.6	112	3	72.7	103	3	77.0	105	6	67.7	104	3	76.0	104
SASKIA	0	0.0		4	73.9	104	4	74.1	106*	8	66.7	100	3	77.6	107
UNIQUE	0	0.0		4	76.7	108	4	74.1	106	8	68.8	104	3	77.8	107*
UNNA	0	0.0		4	73.1	103	4	75.2	107	8	68.9	104*	3	77.3	106
WEMBLEY	2	72.2	108	4	66.5	97	4	72.1	104	6	63.4	99	3	73.0	100
BAR VB 1184	0	0.0		0	0.0		0	0.0		4	70.5	102	3	79.5	109

Niittynurmikka, 1988-1995, Viralliset kokeet
Kentucky bluegrass, *Poa pratensis* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

Lajike	Vierheittävyys keskimäärin		Tiheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Värin kesto	Vierheittävyys			
	kpl	%	Syksy	Kevät					Kevät 1	Keskimäärä		
Variety	Green cover in average trials		Density		Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Green cover Spring 1	Midsummer		
=C	CONNI	64	73	100	90	76	16	44	21	73	53	80
	BARON	64	68	92***	-1	2	-4*	3**	-2*	-20***	6***	-6***
	COCTAIL	22	75	98	-1	0	0	1	-3*	-2	3	-2
	FORTUNA	19	71	94**	1	3	-3	2	-3	-14***	4	-7**
	JULIA	52	72	98*	0	4*	-5**	7***	-1	-8***	6***	-4***
LIMOUSINE		36	74	99	0	3*	-6	-2**	0	-10***	7**	-3*
	AMASON	58	71	96**	-1	-1	-1	0	2***	-21***	-1	-1
	ANDANTE	37	73	98*	0	0	0	5***	-1	-4***	2	-3**
	BARTITIA	7	76	100	5	5	-1	5**	-5	-6	1	-4
	CESAR	16	71	97	0	0	0	2	0	-11***	4	-1
MELBA		49	73	97***	0	0	2	-1*	0	-4***	0	-2**
	MIRACLE	16	70	95*	1	1	0	4***	0	-7***	1	-5**
	NIMBUS	7	81	107	6	11	-7	6*	-6	-1	9*	5
	NUBLUE	13	70	95	2	4	-3	8***	-2	-12***	5	-6**
	SASKIA	19	72	95***	-1	0	0	5***	-2	-4**	-1	-6***
UNIQUE		19	73	97	1	2	-1	0	-2	-9***	6	-4*
	UNNA	19	72	96*	2	3	-2	5***	-1	-13***	3	-4*
	WEMBLEY	16	66	91***	-1	-1	-2	7***	-2	-7***	2	-8***
	BAR VB 1184	7	74	99	2	1	1	6**	-3	-9	4	-5*

Niittynurmikka, 1988-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan
 Kentucky bluegrass, *Poa pratensis* L., 1988-1995, Official variety trials: Green cover in average, Classification according to age of lawn

Lajike	Nurmen ikä 1			Nurmen ikä 2			Nurmen ikä 3		
	kpl	%	sl	kpl	%	sl	kpl	%	sl
Variety	Age of lawn 1 year			Age of lawn 2 years			Age of lawn 3 years		
	trials	%	rel.	trials	%	rel.	trials	%	rel.
CONNI	21	75.2	100	23	75.7	100	17	69.1	100
BARON	21	68.8	91**	23	68.5	90**	17	65.4	95*
COCTAIL	9	75.0	98	8	79.3	98	4	68.5	99
FORTUNA	8	71.3	95	7	74.5	93**	4	63.1	93*
JULIA	17	73.3	97	20	72.8	95**	13	68.7	100
LIMOUSINE	12	77.6	103	14	74.7	97	9	68.9	98
AMASON	19	76.6	101	21	71.5	94**	15	67.2	96**
ANDANTE	13	75.4	100	14	72.8	94**	9	69.1	98
BARTITIA	4	72.1	102	3	80.2	98	0	0.0	
CESAR	7	70.7	97	6	76.4	97	3	63.6	97
MELBA	17	75.0	98	18	73.4	95**	13	71.4	98*
MIRACLE	7	71.6	98	6	74.0	94**	3	60.8	93
NIMBUS	4	77.1	110	3	85.8	105	0	0.0	
NUBLUE	6	69.8	97	5	74.6	93*	2	59.2	95
SASKIA	8	71.9	96	7	75.6	94**	4	63.6	94*
UNIQUE	8	76.0	101	7	75.7	94	4	62.4	92*
UNNA	8	72.8	97	7	76.1	94*	4	65.3	96
WEMBLEY	7	66.3	93	6	70.4	90**	3	59.0	91
BAR VB 1184	4	70.5	100	3	79.5	97	0	0.0	

Niittynurmikka, 1991-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokiteltu vuosittain
Kentucky bluegrass, *Poa pratensis* L., 1991-1995, Official variety trials: Green cover in average, classification according to years

Lajike	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
Variety	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
CONNI	11	77.7	100	11	76.2	100	11	75.3	100	9	67.3	100	3	82.0	100
BARON	11	71.8	92**	11	71.6	94*	11	68.9	91**	9	63.8	95	3	72.9	89
COCTAIL	1	76.8	90	5	76.2	97	5	75.7	102	7	67.8	98	3	80.1	98
FORTUNA	0	0.0		4	69.3	87*	4	72.0	91*	8	68.2	99	3	77.8	95
JULIA	9	71.8	94*	8	78.6	100	8	75.6	98	6	68.6	102	3	78.2	95
LIMOUSINE	6	75.7	98	9	74.2	95	8	72.5	96	7	70.5	105	3	81.9	100
AMASON	11	73.5	95**	9	74.3	95*	9	71.0	93*	7	70.0	101	3	81.1	99
ANDANTE	6	72.2	94	9	76.4	98	8	73.5	98	8	67.4	98	3	79.2	97**
BARTITIA	0	0.0		0	0.0		0	0.0		4	72.1	102	3	80.2	98
CESAR	1	75.5	92	3	70.0	94	3	74.6	99	6	67.1	99	3	77.2	94
MELBA	10	74.6	96	9	75.3	96*	8	72.5	96*	8	69.6	101	3	82.3	100
MIRACLE	1	75.0	92	3	70.8	95	3	69.9	92	6	66.4	98	3	77.3	94*
NIMBUS	0	0.0		0	0.0		0	0.0		4	77.1	110	3	85.8	105
NUBLUE	0	0.0		2	65.6	88	2	72.4	94	6	67.7	100	3	76.0	93
SASKIA	0	0.0		4	73.9	93	4	74.1	93*	8	66.7	96	3	77.6	95
UNIQUE	0	0.0		4	76.7	96	4	74.1	93	8	68.8	99	3	77.8	95
UNNA	0	0.0		4	73.1	92	4	75.2	95	8	68.9	100	3	77.3	94
WEMBLEY	1	71.7	88	3	61.8	88	3	68.8	94	6	63.4	94	3	73.0	89*
BAR VB 1184	0	0.0		0	0.0		0	0.0		4	70.5	100	3	79.5	97

Röllit, 1988-1995, Viralliset kokeet
Bentgrasses, *Agrostis sp* L., 1988-1995, Official variety trials

Poikkeamat mittarilajikkeen tuloksista, Differences from results of control variety

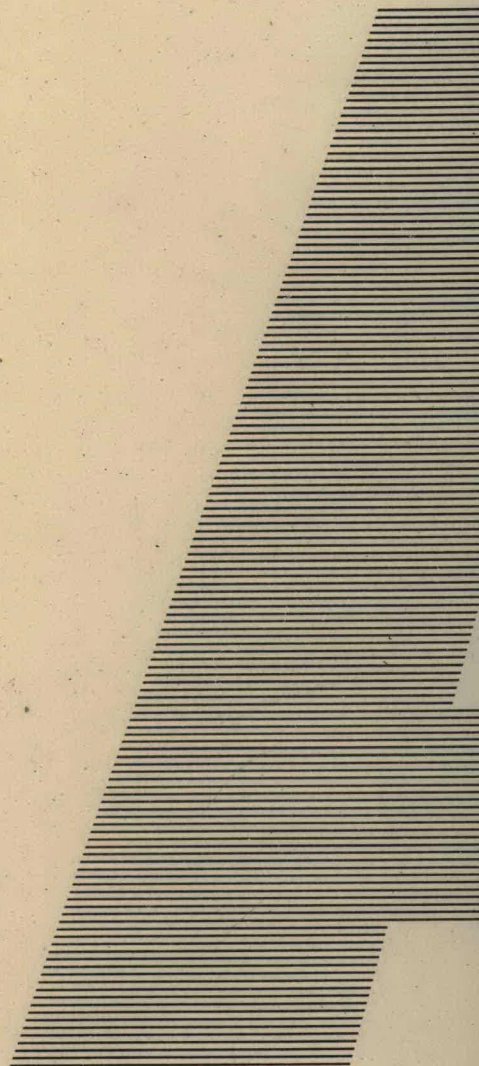
Lajike	Viherpeittävyys keskimäärin		Tiheys		Talvi- tuho-%	Kasvu cm	Kasvuun lähtö pv lkm	Väriin kesto	Viherpeittävyys	
	kpl	% sl	Syysy	Kevät					Kevät 1	Kesäkesä
Variety	trials	Green cover in average %	Density Autumn	Spring	Winter damage %	Growth cm	Beginning of growth d	Strength of colour	Green cover Spring 1	Midsummer
RASTI A.C. EMERALD A.S. BARDOT A.C. BORAL A.C. DENSO A.S.	16	73 100	95	69	17	39	23	65	51	81
	9	63 90	-1	-5	5	-3	3	-2	-10	-4
	9	64 91	-3	-2	1	-7***	1	0	-8	-7
	9	62 89	-2	-6	5	1	0	-2	-7	-7
	6	61 84	-3	-6	5	-9***	1	-4	-15	-12
NATIONAL A.S.	9	60 85*	0	-9	10	-1	3	-5*	-14	-6
EMERALD A.S. RASTI A.C. BARDOT A.C. BORAL A.C. DENSO A.S.	12	63 100	95	67	30	35	29	62	41	74
	9	70 111	1	5	-5	3	-3	2	10	4
	12	65 103	-2	3	-4	-3	-2	3	4	-2
	12	64 102	-1	0	-2	5**	-2	-1	6	-1
	6	61 96	-2	2	-3	-7*	0	-2	-2	-6
NATIONAL A.S.	12	59 94***	0	-3	4	1	0	-4	-3	-2

Röllit, 1988-1995, Viralliset kokeet: Keskimääräinen viherpeittävyys, luokittelu iän mukaan
Bentgrasses, *Agrostis sp* L., 1988-1995, Official variety trials: Green cover in average, Classification according to age of lawn

Variety	Nurmen ikä 1			Nurmen ikä 2			Nurmen ikä 3		
	kpl	%	sl	kpl	%	sl	kpl	%	sl
	Age of lawn 1 year			Age of lawn 2 years			Age of lawn 3 years		
	trials	%	rel.	trials	%	rel.	trials	%	rel.
RASTI A.C.	=C								
EMERALD A.S.	5	72.1	100	6	81.8	100	3	66.0	100
BARDOT A.C.	4	61.2	92	4	67.7	87	1	52.2	94
BORAL A.C.	4	59.2	89	4	69.9	90	1	55.4	100
DENSO A.S.	4	59.4	90	4	66.8	86	1	53.0	95
	3	53.5	83	3	69.3	86	0	0.0	
NATIONAL A.S.	4	58.6	88	4	63.5	82	1	48.7	88

Keskimääräinen vihreä peittävyys, luokittelu vuosittain, Green covering in average, classification according to years

Variety	V 1991			V 1992			V 1993			V 1994			V 1995		
	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl	kpl	%	sl
	Year 1991			Year 1992			Year 1993			Year 1994			Year 1995		
	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.	trials	%	rel.
RASTI A.C.	=C														
EMERALD A.S.	2	82.4	100	3	65.0	100	2	61.8	100	4	62.4	100	3	80.8	100
BARDOT A.C.	0	0.0		1	72.4	102	1	61.4	92	4	56.2	90	3	69.8	86
BORAL A.C.	0	0.0		1	71.0	100	1	66.7	100	4	55.3	89	3	70.9	88
DENSO A.S.	0	0.0		1	68.6	97	1	62.0	93	4	55.5	89	3	68.4	85
	0	0.0		0	0.0		0	0.0		3	53.5	83	3	69.3	86
NATIONAL A.S.	0	0.0		1	70.5	99	1	57.6	86	4	53.1	85	3	65.4	81



Jokioinen 1996
ISBN 951-729-466-2
ISSN 1238-9935