



VCU trials 2025

Bulletin 10.2.2025

VCU trials 2024

For variety breeders and marketers, variety cultivation and use tests offer:

- Reliable information on the cultivated value and growing security of the new variety in the different cultivation zones;
- Precise information on the cultivation characteristics, yield, disease resistance and crop quality of the variety;
- Result summaries where the characteristics of the variety can be compared with other current varieties
- Cultivation report for applying the National list of plant varieties (MMM 600/2019)

THE TIMETABLE OF VCU TRIAL APPLICATIONS

Applications of varieties and lines for official and preliminary variety tests are requested:

- sowing in spring by 29th of February
- sowing in the summer / autumn by 12th of June

Experiments on perennial herbaceous plants are started in odd years, the next foundation in spring 2025.

For new varieties starting with experiments, the information shall be given in Finnish Food Authority's [form](#). On the same form, it is possible to make pre-application to Finnish Food Authority's plant varieties right's administrator (pvr@ruokavirasto.fi) to start variety's registering to the National list of plant varieties. A possible final variety name can also be entered at this stage. Final registering could be made when VCU tests are over.

Information about the varieties desired for VCU trial should be emailed to:

antti.laine@luke.fi ja varietietesting@luke.fi

If variety test was started in the last year, it is sufficient to indicate whether variety will to continue the experiment or to stop the experiment. A copy of the DUS test of the variety is attached to the variety notification, if DUS already done.



SEED DELIVERY

Seed germination and thousand seed weight must be mentioned when delivering seeds..

The seed sender checks the seed batch to be sent.

The seeds must not contain ergot or other harmful living plant pests.

The seeds are delivered untreated, i.e. without pickling or any other chemical or biological treatments.

Seed delivery schedule:

Spring and leguminous crops, oil and fiber crops and grasses by 19 March

Autumn oil crops by 30 June

Autumn cereals by 30 July

Seeds will be delivered to:

Natural Resources Institute Finland

Antti Laine

Planta

Satatie 731600 Jokioinen

Finland

(+358295326304)

Seeds will be pickled by the Natural Resources Institute Finland.

Luke is not responsible for customs duties or related fees for seeds delivered from outside the EU. Luke does not guarantee that a variety will be accepted for the trial if the seeds are delivered late. Late seed delivery will result in an increase in the trial fee of €500/variety.

LAWNPLANTS

The cultivation value of turfgrass varieties is being investigated in joint Nordic trials, coordinated by the Norwegian research institute NIBIO. The trials are established in odd-numbered years. Instructions on how to apply for the trials can be found at:

www.scanturf.org

Markku Niskanen is the Finnish contact person.

THE EXPERIMENTAL DESIGN

The preliminary plan for the number of trials by plant variety and cultivation zones is at the end of the bulletin.

Luke can place additional control varieties in the VCU trials, as needed, to ensure statistical computing. As a rule, the variety to be tested will participate in the whole trial program of the year. Sufficient knowledge for evaluating the value of an annual plant is obtained by a two-year complete test series. For perennial herbaceous plants, sufficient knowledge is obtained through a program of experiments with three-year trials.

Experiments can also be started with a little test program. However, two full sets of tests are required to assess the value of the cultivation.

ADVISORY VARIETIES

Varieties included in Finnish National list of plant varieties may be included in the trials at the request and at the expense of the variety representative ("p varieties"). The cost of the variety is 50% of the price of the variety participating in the official test.

PRELIMINARY VARIETIES

Before participating in the official variety test, the variety can be tested at the expense of the variety representative in small preliminary trials.

There is no need to provide comprehensive background information on the initial varieties. The name or line number and the wish of the test sites are sufficient.

If the seed supplier has the opportunity to send the required amount of seed of the same variety from the same seed lot for two trial years at the start of the trial, field inspection of the seed is not required in the following trial year. This

EXPERIMENTAL DESIGN AND APPROVAL OF PLANS

Luke's plant corresponding prepare trial design based on the applications received. They will be sent to applicants for comment and approval during March.

The plan is considered approved as is if the customer has not notified the necessary changes to the plan within a week.

FIELD INSPECTION OF THE SEED LOTS

From all seed lots, we will send a sample to Finnish Food Authority to field inspection. Variety representatives have the opportunity to visit seed inspection plots of the variety tests located in Loimaa by contacting in Loimaa by contacting Senior Officer Kaarina Paavilainen.

TRANSGENIC VARIETIES

Experimenting with transgenic varieties requires permission from the Board of Gene Technology. The license is obtained by a variety representative.

WWW HOMEPAGES

You can find more information about the implementation and results of variety trials on the Natural Resources Institute Finland's Natural Resources Information service. Short link to the website luke.fi/lajikekokeet

Yhteystiedot

KASVIVASTAAVAT

Antti Laine

Luke Jokioinen
029 5326304

Syysvehnä, kevätvehnä, syysruis, ruisvehnä, kevättruis, herne, härkäpapu, sinilupiini ja maissi

Merja Högnäsbacka

Luke Seinäjoki
029 5326157

Kaura ja ohra

Kalle Ohralahti

Luke Jokioinen
029 5326090

Kevättrypsi ja –rapsi, syysrypsi- ja rapsi, öljyhamppu

Markku Niskanen

Luke Seinäjoki
029 5326398

Timotei, nurminata, englanninraiheinä, yksivuotinen raiheinä (italian- ja westerwoldin raiheinä), puna-, valko- ja alsikeapila, sinimailanen, ruokohelpi ja nurmikkoheinät

Marja Jalli

Luke Jokioinen
029 5326168

Kasvitaudit



Kaikkien sähköposti:
etunimi.sukunimi@luke.fi

Lajikekokeiden vastuuhenkilöiden
yhteinen sähköpostiosoite on
varietytesting@luke.fi





Viralliset lajikekokeet - hinnoittelu 2025

VCU trials – prices 2025

Tiedote 10.2.2025

Bulletin 10.2.2025

LAJIKEKOKEIDEN HINNAT 2025

Yksivuotisten kasvien viljelyarvokokeisiin tarvitaan kahden vuoden kokeet.

Monivuotisten rehunurmikasvien

kokeilu kestää perustamisvuoden ja kolme satovuotta.

Lajikekohtainen kokeiden aloitusmaksu on 200 €/lajike.

Kansallisella lajikelistalla olevat lajikkeet voivat osallistua kokeisiin neuvonnallisena lajikkeena 50 % vastaavan virallisen lajikkeen hinnasta.

Koeohjelmaan kuuluvat:

- Kasvitautilien kestävyyskokeet kevätevehnällä ja ohralla (415 €),
- Happaman maan koe ohralla (323 €)
- Ruokaviraston tekemä lajikkeen aitoustarkastus (202 €)

Nämä on laskettu lajikkeen vuosittain laskutettavaan viljelyarvotutkimuksen kokonaishintaan.

Mylyvehnien leivonta-analyysi (325 €)

laskutetaan *erikseen* leivonta-analyysien perusteella. Hinnat ALV 0 %.

Lisämaksu 500 €/lajike, jos

- koesuunnitelmaan tehdään muutoksia suunnitelman hyväksymisen jälkeen
- siemenet toimitetaan määrääjän jälkeen tai ovat määrältään puutteellisena.

Suunnitelman hyväksymisen jälkeen peruutetusta kokeilusta peritään 50 % lajikkeen maksusta.

Vuosikohtaisen koeohjelman hinta euroissa. Hinnat on ilmoitettu ilman arvonlisäveroa (ALV 25,5 %).

PRICES OF THE VCU-TRIALS IN FINLAND 2025

The VCU-testing of **annual species** includes two years.

The testing of **perennial feed grasses** is complete after seeding year and three harvest years.

Charge for the beginning of VCU testing is 200 €/variety.

Varieties, which are approved to the national list of varieties, could participate in the tests as an advisory variety at price of 50 % of the official variety price.

Trial schedule includes:

- tests for resistance to plant diseases in spring wheat and barley (€ 415)
- the test in acid soil with barley (€ 323)
- the inspections performed by the Finnish Food Authority (€ 202)

include the total annual cost.

Mill wheat baking analysis (€ 325) is billed *separately* based on the baking analyses. Prices include VAT 0 %.

500 €/variety will be charged for:

- changes to an approved trial plan
- seed delivery to Luke after deadline

50 % of trial cost will be charged if the testing is cancelled after approving the trial plan.

The price of VCU-test /year in euros (prices without VAT 25,5 %).

Nurmikokeet:

Mikäli lajike poistetaan kesken koesarjan, peritään lajikkeen kokonaismaksusta 25 %.

Perennial feed grasses:

If a variety is removed during the trial series, 25% of the total fee for the variety will be charged.

Syysviljat			Winter cereals		
			kokeita/vuosi trials/year	€/koepaikka €/trial site	€/lajike €/variety
Syysruis	Winter rye	<i>Secale cereale L.</i>	6	617	3904
Syysvehnä, mylly	Winter wheat	<i>Triticum aestivum L.</i>	6	601	3808
Syysvehnä, rehu	Winter wheat	<i>Triticum aestivum L.</i>	6	601	3808
Syysruisvehnä	Triticale	<i>Triticosecale Wittmack L.</i>	5	626	3332
Kevätviljat			Spring cereals		
Kevätruis	Spring rye	<i>Secale cereale L.</i>	5	601	3207
Kevätvehnä, lyhyt kasvuaika	Spring wheat, early type	<i>Triticum aestivum L.</i>	6	557	4283
Kevätvehnä, pitkä kasvuaika	Spring wheat, late type	<i>Triticum aestivum L.</i>	7	546	4764
Ohra, monitahoiset	Barley, six row var.	<i>Hordeum vulgare L.</i>	7	560	4860
Ohra, kaksitahoiset	Barley, two row var.	<i>Hordeum vulgare L.</i>	6	546	4216
Kaura, lyhyt kasvuaika	Oats, early type	<i>Avena sativa L.</i>	7	587	4311
Kaura, pitkä kasvuaika	Oats, late type	<i>Avena sativa L.</i>	6	579	3676
Palkoviljat			Pulses		
Herne	Pea	<i>Pisum sativum L.</i>	5	570	3052
Härkäpapu	Field bean	<i>Vicia faba L.</i>	5	570	3052
Öljykasvit			Oil crops		
Kevättrypsi	Spring turnip rape	<i>Brassica rapa L.</i>	6	570	3622
Kevättrypsi	Spring rape	<i>Brassica napus L.</i>	7	570	4192
Camelina	False flax	<i>Camelina sativa (L.) Crantz</i>	4	583	2534
Syysrypsi	Winter turnip rape	<i>Brassica rapa L.</i>	5	624	3322
Syysrapsi	Winter rape	<i>Brassica napus L.</i>	5	624	3322

Rehukasvit			Feed grasses		
			Uusia kokeita New trials	€/koepaikka €/test site	€/lajike €/variety
Timotei	Timothy	<i>Phleum pratense L.</i>	8	560 (238+202)	4480/2106
Nurminata	Meadow fescue	<i>Festuca pranetsis Huds.</i>	8	560 (238+202)	4480/2106
Ruokonata	Tall fescue	<i>Festuca arundinacea Schreb.</i>	8	560 (238+202)	4480/2106
Rainata	Festulolium	<i>Festulolium loliaccum H.</i>	8	560 (238+202)	4480/2106
Englannin raiheinä	Perennial ryegrass	<i>Lolium perenne L.</i>	4	560 (+202)	2442
Raiheinä, yksivuotinen	Annual ryegrass	<i>Lolium multiflorum, Lolium multiflorum v. westerwoldicum</i>	4	560 (+202)	2442
Puna-apila	Red clover	<i>Trifolium pratense L.</i>	7	560 (238+202)	3920/1868
Alsikeapila	Alsike clover	<i>Trifolium hybridum L.</i>	7	560 (238+202)	3920/1868
Valkoapila	White clover	<i>Trifolium repens L.</i>	6	560 (238+202)	3360/1630
Sinimailanen	Alfalfa	<i>Medicago sativa</i>	6	560 (238+202)	3360/1630

Muut kasvilajit:
Hinnat ilmoitetaan pyynnöstä

Other species:
Prices available on request



Lisätiedot:
Additional information:

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Viljat, öljykasvit, palkoviljat, nurmet ja nurmipalkokasvit <i>Cereals, oilseed crops, pulses, fodder grasses and herbage legumes</i>										
Kasvi	Mittarit *)	Viljelyvyöhykkeet						Infektiokokeet	Muut kokeet	Siemen
		I	II	III	IV	V	Yht.		Other trials	kg
Syysruis - <i>Winter rye</i>	KWS Jethro, Dankowskie Agat, Reetta	2	2	2			6	Lumihomeen kestävyys testaus kentällä, Isokyrö ja Laukaa. <i>Field trials for testing snow mould in Isokyrö and Laukaa.</i>		12,0
Syysvehnä – <i>Winter wheat</i>	Ceylon, Turanus	3	2	1			6		Leivontalaatuanalyysit <i>Baking quality</i>	11,5
Syysruisvehnä - <i>Triticale</i>	Sequenz, Temuco	2	2	1			5			10,5
Kevättruis – <i>Spring rye</i>	Juuso	2	2	1			5			7,7
Kevätvehnä, 1) – Spring wheat lyhyt kasvuaika early type	Helmi, Demonstrant	1	2	2	1		6	ruskolaikku, pistelaikku (<i>Stagonospora nodorum, Pyrenophora tritici-repentis</i>)	Leivontalaatuanalyysit <i>Baking quality</i>	10,0
Kevätvehnä, 1) – Spring wheat pitkä kasvuaika late type	KWS Mistral	4	2	1			7	ruskolaikku, pistelaikku (<i>Stagonospora nodorum, Pyrenophora tritici-repentis</i>)	Leivontalaatuanalyysit <i>Baking quality</i>	11,5
Ohra, monitahoiset – Barley, six row var.	Kaarle, Mainio	1	2	2	2		7	verkkolaikku (net ja spot), rengaslaikku, ohran tyvi- ja lehtilaikku (<i>Pyrenophora teres, Rhynchosporium secalis, Cochliobolus sativus</i>)	Alhaisen pH:n koe <i>Low pH</i>	12,1
Ohra, kaksitahoiset – Barley, two row var.	Trekker, Feedway, RGT Planet	3	2	1			6	verkkolaikku (net ja spot), rengaslaikku, ohran tyvi- ja lehtilaikku (<i>Pyrenophora teres, Rhynchosporium secalis, Cochliobolus sativus</i>)	Alhaisen pH:n koe <i>Low pH</i>	10,7
Kaura, lyhyt kasvuaika 2) – Oats, early type	Luukas, Niklas	1	2	3	1		7			10,4
Kaura, pitkä kasvuaika 2) – Oats, late type	Donna, Harmony	3	2	1			6			9,0

*) Mittarilajikkeet sidoksissa kasvilajikelautakunnan kriteereihin. *Varieties linked to criteria by Plant Variety Board.*

1) Aikaisia kevätvehnälaajikkeita ovat sellaiset, joiden kasvuaika on enintään Demonstrant – 3 vrk. Tätä myöhäisempiä lajikkeita kokeillaan myöhäisten lajikkeiden eteläisemmässä koesarjassa. *Early wheat varieties with a maximum growing time of Demonstrant -3 days. Varieties later than this are tested in the southern series.*

2) Aikaisia kauralajikkeita ovat sellaiset, joiden kasvuaika on enintään Niklas +4 vrk. Tätä myöhäisempiä kokeillaan myöhäisten lajikkeiden eteläisemmässä koesarjassa. *Early oat varieties with a maximum growing time of Niklas + 4 days. Varieties later than this are tested in the southern series*

Viljat, öljykasvit, palkoviljat, nurmet ja nurmipalkokasvit <i>Cereals, oilseed crops, pulses, fodder grasses and herbage legumes</i>										
Kasvi	Mittarit *)	Viljelyvyöhykkeet						Infektiokokeet	Muut kokeet	Siemen
		I	II	III	IV	V	Yht.			kg
Herne - <i>Pea</i>	Matilda, Astronaute	2	2	1			5			12,0
Härkäpapu – <i>Field Bean</i>	Sampo	2	2	1			5			12,0
Kevätrypsi – <i>Spring turnip rape</i>	Synthia	1	2	2	1		6			0,9
Kevätrypsi, CL-lajikkeet – <i>S. turnip rape, CL</i>	Aurea CL	2	2	1	1		6			0,9
Kevätrapsi – <i>Spring rape</i>	Laima, Greta, Cebra CL	4	2	1			7			1,0
Syysrypsi- ja rapsi – <i>Winter turnip rape and Winter rape</i>	Thure	3	1	1			5			0,5
Öljyhamppu - <i>Oil hemp</i>	Finola	1	3				4			2,0
Timotei - <i>Timothy</i>	Grinstad, Hertta		1	4	2	1	8			1,3
Nurminata – <i>Meadow fescue</i>	Kasper, Valtteri		1	4	2	1	8			2,2
Ruoko- ja rainata – <i>Tall fescue and Festulolium</i>	Retu, Karolina		1	4	1	1	8			2,2
Englanninraiheinä – <i>Perennial ryegrass</i>	Riikka		1	1	2		4			1,8
Italianraiheinä – <i>Annual ryegrass</i>	Meroa			1	3		4			1,4
Westerwoldinraiheinä - <i>Annual rye grass</i>	Bendix, Lemnos			1	3		4			1,4
Puna-apila, 2N ja 4N – <i>Red clover</i>	Selma, Saija		1	1	4	1	7			1,5
Valkoapila – <i>White clover</i>	Jögeva 4		1	1	4		6			1,2
Alsikeapila – <i>Alsike clover</i>	Saija		1	1	4	1	7			1,5
Sinimailanen - <i>Alfalfa</i>	Saija		1	1	4		6			1,5

*) Mittarilajikkeet sidoksissa kasvilajikelautakunnan kriteereihin. *Varieties linked to criteria by Plant Variety Board.*

Kasvit koepaikoittain ja viljelyvyöhykkeittäin <i>Plants by test sites and cultivation zones</i>													
	Inkoo INK	Loviisa PER	Iitti IIT	Lieto LIE	Jokioinen JOK	Hauho HAU	Jyväskylä JYV	Isokyrö BEP	Maaninka MAA	Ruukki RUU	Sotkamo BSO	Tervola TER	Yhteensä
	I	I	I	I	II	II	III	III	IV	IV	IV	V	
Syysruis	1			1	1	1	1	1					6
Syysvehnä	1	1		1	1	1		1					6
Syysruisvehnä	1			1	1	1		1					5
Syysohra	1					1		1					3
Kevätruis	1	1			1	1		1					5
Kevätvehnä, 1) aik.				1	1	1	1	1		1			6
Kevätvehnä, 1) myöh	1	1	1	1	1	1		1					7
Ohra, monitah.				1	1	1	1	1		1	1		7
Ohra, kaksitah.	1	1		1	1	1		1					6
Kaura, aik 2)				1	1	1	1	1		1	1		7
Kaura, myöh 2)	1	1		1	1	1		1					6
Herne	1			1	1	1		1					5
Härkäpapu	1			1	1	1		1					5
Kevätrypsi	1				1	1	1	1		1			6
Kevätrapsi	1	1	1	1	1	1		1					7
Camelina	1			1	1			1					4
Syysrypsi- ja rapsi	1			1	1	1		1					5
Öljyhamppu	1				3								4
Timotei					1		1	1	2	1	1	1	8
Nurmi-, ruoko- ja rainata					1		1	1	2	1	1	1	8
Englanninraiheinä					1			1	1	1			4
Italianraiheinä								1	1	1	1		4
Westerwoldinraiheinä								1	1	1	1		4
Puna-apila, 2N ja 4N + alsikeapila					1			1	2	1	1	1	7
Valkoapila					1			1	2	1	1		6
Sinimailanen					1			1	2	1	1		6