



Accredited Laboratory GB04

Seed Testing Price List

1 July 2017 – 30 June 2018



OSTS Contact Points -

Seed Quality Tests

Gillian McLaren
T: 0131 244 8851

Disease Tests

Marian McEwan
T: 0131 244 8879

Valerie Cockerell
T: 0131 244 8900

Seed Samples for Export ***(Phytosanitary Certificate Requirement)***

For guidance telephone Marian McEwan,
0131 244 8879 or Valerie Cockerell, 0131 244 8900.

Consideration of an application for a Phytosanitary Certificate is charged according to "The Plant Health (Export Certification) (Scotland) Order 2004 and Amendment Order 2007" at £69.00 per hour (this includes pre-export testing, growing season inspection and certificate production where applicable).

Pre-addressed sample bags

OSTS Laboratory
T: 0131 244 8869 or 8803
E: seedtesting@sasa.gsi.gov.uk

The Official Seed Testing Station for Scotland
SASA
Roddinglaw Road
EDINBURGH
EH12 9FJ

T : 0131-244 8851

E : seedtesting@sasa.gsi.gov.uk

W : <http://www.sasa.gov.uk/seed-testing-certification/official-seed-testing-station-osts>

Seed Testing Packages

	Species	Package	Minimum Sample Size	Price Ex VAT (£)	Duration of test(s) (days)
Cereals	All cereals	Essential : Germination + Thousand Seed Weight	200g	30.88	7-14
	Wheat, Rye and Triticale	Quick : *Tetrazolium + Bunt + <i>Microdochium</i> Seedling Blight (Molecular)	500g	103.05	2-3
		Standard : Germination + Bunt + <i>Microdochium</i> & <i>Septoria</i> seedling blights**	250g	79.04	7-14
		Standard T: *Tetrazolium + Bunt + <i>Microdochium</i> & <i>Septoria</i> seedling blights**	250g	96.10	7-10
		Health only: <i>Microdochium</i> & <i>Septoria</i> seedling blights** + Bunt	250g	60.66	7-10
	Barley	Standard : Germination + Smut + Leaf stripe + Net blotch + <i>Microdochium</i> seedling blight**	300g	84.25	7-14
		Standard T: *Tetrazolium + Smut + Leaf stripe Net blotch + <i>Microdochium</i> seedling blight**	300g	100.12	7-10
		Health only: Smut + Leaf stripe + Net blotch + <i>Microdochium</i> seedling blight**	300g	69.79	7-10
	Oats	Standard : Germination + <i>Microdochium</i> seedling blight** + <i>Drechslera avenae</i> (Leaf spot)	200g	46.75	7-14

A TSW can be added to above packages at an additional cost of £8.15

* Tetrazolium test results available after 1-2 days

** *Fusarium graminearum** can be added to seedling blight test at an additional cost of £16.31.

	Species	Package	Minimum Sample Size	Price Ex VAT (£)	Duration of test(s) (days)
Pulses	All pulses	Essential : Germination + Thousand Seed Weight	600g	30.88	7-14
	Beans	Standard : Germination + <i>Ascochyta</i>	750g	52.18	7-14
		Standard Plus : Germination + <i>Ascochyta</i> + Stem nematode*	1250g	71.10	7-10
		Health only : <i>Ascochyta</i> + Stem nematode*	1000g	51.21	7-10
	Peas	Standard : Germination + <i>Ascochyta</i>	750g	46.75	7-14
	Vining Peas	Standard Plus : Germination + <i>Ascochyta</i> + Electroconductivity	750g	60.01	7-14
Oilseeds	All oilseeds	Essential : Germination + Thousand Seed Weight	50g	32.62	7-14
		Essential plus (OSR) : Germination + Radicle Emergence* [^] + Thousand Seed Weight		48.14	7-14
	OSR, Brassicas	Health only : <i>Alternaria</i> * + <i>Phoma</i> * [^]	50g	101.75	11-14
		Standard : Germination + <i>Alternaria</i> * + <i>Phoma</i> * [^]	50g	118.06	11-12
	Linseed/flax	Standard : Germination + Seed-borne diseases* [^]	50g	65.87	7-10

A TSW can be added to above packages at an additional cost of £8.15

* Test not included within UKAS scope of Accreditation

[^] Test included within ISTA scope of Accreditation

Seed Quality Tests (Advisory)

	Test	Minimum sample size required	Price Ex VAT £	Duration of Test (days)
Germination	Cereals	200g	22.82	7-14
	Peas & Beans	500g	28.26	7-14
	Other Crops (including flower species etc)	200g *	22.95	7-28
	* For small or large seeded species please ask for advice on suitable sample size			
Purity	Cereals	250g	25.87	1-2
	Peas & Beans	1,000g	25.87	1-2
	Other Crops	200g *	Fee on request	1-2
	* For small or large seeded species please ask for advice on suitable sample size			
Moisture Content <i>(should arrive in an airtight container)</i>	ISTA Oven Method			
	All crop species	100g	19.78	1-2
	Moisture Meter Method			
	Wheat, barley, oats, triticale	300g	5.87	1
Other Seed Count <i>(Search)</i>	Cereals	1,000g	42.73	1-2
	Pulses	1,000g	42.73	1-2
	Oilseeds & Brassicas	200g	45.77	1-2
	Grasses	200g	45.77	1-2
	Other Crops	200g *	Fee on request	1-2
	* For small or large seeded species please ask for advice on suitable sample size			

	Test	Minimum sample size required	Price Ex VAT £	Duration of Test (days)
Tetrazolium	Cereals	100g	38.16	1-2
	**Other Crops (including flower species etc)	100g *	42.07	1-3
* For small or large seeded species please ask for advice on suitable sample size				
Tetrazolium Vigour <i>(seed storage potential)</i>	Barley & Wheat	100g	46.10	1-2
Thousand Seed Weight	Cereals	200g	16.08	1-2
	Peas & beans	600g	16.08	1-2
	Other crops	200g *	16.08	1-2
* For small or large seeded species please ask for advice on suitable sample size				
Electro-conductivity	Peas (excluding petit pois varieties)	200g	18.05	2-3
Vigour	<i>Brassica</i> spp.			
	Radicle emergence♦^	50g	31.06	1-2
	Controlled Deterioration♦^	50g	74.35	10-21

** Please discuss testing requirements with Gillian McLaren/Valerie Cockerell prior to requesting test.

♦ Test not included within UKAS scope of Accreditation

^ Included within ISTA scope of Accreditation

Seed Mixtures

Samples of mixtures submitted for testing will be charged according to the time taken. For further details please enquire.

Contact point for advice on the above tests and interpretation of results
Gillian McLaren (0131 244 8851)

Seed Health Tests

	Species	Test	Minimum Sample Size	Price Ex VAT (£)	Duration of test(s) (days)
Cereals	Wheat, Rye and Triticale	<i>Microdochium/Septoria</i> seedling blights (Agar)	200g	34.90	7-10
		<i>Microdochium/Septoria</i> seedling blights + <i>Fusarium graminearum</i> ♦	200g	54.46	7-14
		<i>Microdochium</i> seedling blight (Molecular)	200g	38.16	2-3
		Bunt	250g	32.94	1-2
		Ergot search	500g	13.04	1-2
	Barley	Loose smut	250g	51.42	1-2
		Leaf stripe/ Net blotch/ <i>Microdochium</i> seedling blight	200g	34.90	7-10
		Leaf stripe/ Net blotch/ <i>Microdochium</i> seedling blight + <i>Fusarium graminearum</i> ♦	200g	54.46	7-14
		Ergot search	500g	13.04	1-2
	Oats	<i>Microdochium</i> seedling blight/ <i>Drechslera avenae</i> (Leaf spot)	200g	34.90	7-10
		Loose smut	200g	51.31	1-2
All Cereals	<i>Fusarium</i> spp. identification	Price on application			
Pulses	Beans	<i>Ascochyta fabae</i>	500g	34.90	7-10
		Stem nematode♦	500g	22.82	2-3
	Peas	<i>Ascochyta</i> spp.	500g	34.90	7-10
Pea bacteria blight♦		2,000g	85.66	14-21	
Oilseeds	Linseed	Seed-borne diseases♦ [^] (<i>Alternaria linicola</i> , <i>Phoma exigua</i> var <i>linicola</i> , <i>Colletotrichum lini</i> , <i>Fusarium</i> spp., <i>Botrytis</i> spp.)	50g	49.46	7-10
OSR (and Brassicas)		<i>Alternaria</i> spp.♦	50g	49.46	7-10
		<i>Phoma lingam</i> ♦ [^]	50g	59.35	11-14
Beet		<i>Phoma betae</i> ♦	100g	49.46	7-10
Other Crop Diseases	Please contact Valerie Cockerell				

♦Test not included within UKAS scope of Accreditation

[^] Included within ISTA scope of Accreditation

Contact point for advice on the above tests and interpretation of results
Marian McEwan (0131 244 8879) or Valerie Cockerell (0131 244 8900)

Sampling

For test results to be meaningful, it is important that the sample submitted for testing is representative of the seed lot or bulk from which it is taken. If not the test result will not relate to the quality of the whole lot or bulk.

To take a representative sample, select a number of small samples from several bags, or from different parts of the bulk. If it is a very large bulk then it is better to sub-divide into smaller lots and take a representative sample from each lot.

The OSTs can provide more details on seed sampling procedures and equipment.

Submitting Samples

Please state test(s) or package required when submitting samples

- **Sample size** - Please send at minimum, the amount stated for the test or package of tests you require;
- All prices are exclusive of VAT. An account is sent out after completion of tests. Please **DO NOT** enclose payment with your seed sample;
- Contact OSTs Laboratory (0131-244 8869 or 8803) for pre-addressed sample bags;
- If sending in barley seed which was sprayed with glyphosate in the field let us know as this determines the germination method used in the laboratory;
- If you are not using our sample bags please ensure you include the following information as a minimum:

Name and Address
Address for results and invoice if different
Telephone No
Fax
Email
Kind of Seed
Variety
Your Reference
Test(s) Required
Seed Treatment (if any)

to: The Official Seed Testing Station for Scotland
SASA
Roddinglaw Road
EDINBURGH
EH12 9FJ
T : 0131-244 8851
E : seedtesting@sasa.gsi.gov.uk
W : <http://www.sasa.gov.uk>



Duration of Tests

Please note times quoted may vary (during peak periods) or due to seed quality issues, for example extended test because of seed dormancy.

We will always let you know if the test is going to take longer than the time quoted.

Accreditation (ISO 17025:2005)

To view scope of Accreditation under UKAS and the International Seed Testing Association (ISTA), visit the SASA website and click on 'Quality Assurance' then follow the links to UKAS and ISTA.