Phone: 1-877-420-2099
support@2020seedlabs.ca
www.2020seedlabs.ca

Nisku, Alberta

Winnipeg, Manitoba

Bulnes, Chile

Canada's First Fully Accredited Independently Owned Seed Testing Laboratory

CFIA Accredited. ISTA Accredited. ISO 9001:2015 Registered.

Seed Testing Sample Submission Form

Complete all sections and submit one completed form per sample.

Grower's Contact Information:

Name:	Email:
Phone:	20/20 Account #:

Sample Identification:

Seed Type:	
Lot #:	Crop Year:
CSGA Sequence #:	Location grown:

Pedigree:

Select	Foundation	Registered	Certified

Request a Single Test or Package from the List Below

Germination	Official test to ensure seed meets the germination standard at time of sale. Detailed diagnostic includes normal, abnormal seedlings, fresh and dead seeds.	
Vigour	Measures the seed's ability to produce uniform healthy seedlings under a wide range of sub-optimal field conditions.	
TZ Vigour	Tetrazolium testing is a rapid biochemical method for evaluating seed viability and vigour, in which living, respiring seed tissues absorb colorless Tetrazolium Chloride (TZ) and reduce it to a red compound called formazan; healthy tissues stain bright red while dead or damaged tissues remain unstained or stain unevenly, enabling trained analysts to identify viable tissues, estimate seed vigour, and support seed quality control decisions.	
Protein	Determine nutritional market value of protein in seed results expressed as a percentage of protein.	
Moisture	Crucial quality assurance test to determine percentage of moisture in seed. Used for storage longevity, prevent fungal growth, optimize harvest timing and ensure germination potential.	

Falling Number	Measure amount of sprout damage by determining the enzyme activity of alpha- amylase responsible for breaking down starch.	
Fungal Screen (Cereals)	Comprehensive diagnosis of the 10 most economically important common seed-borne pathogens known to affect seed quality. Test includes *Fusarium graminearum.*	
Enhanced Fungal Screen (Cereals)	Alternaria spp., Aspergillus spp., Cladosporum spp., Cochliobolus sativus, Epicoccum spp., Fusarium graminearum, Fusarium spp., Penicillium spp., Pyrenophera spp., Septoria spp. Microdochium nivale (snow mold)	
Smut (Barley & wheat)	Diagnostic of fungal pathogens that cause smut in seeds embryos.	
1000 Kernel Weight	Average weight of 1000 seeds measured in grams.	
Seeds Per Pound	Measure of seed size and density, quantity per pound of seed.	
Purity	Number of categorized weed seeds and other crops found in a specific quantity of seed analysed. 25g-50g-500g-1000g.	
Percent Pure Seed	Percentage of pure seed, weed seeds, other crops found in a specific quantity of seed analysed.	
Complete Disease Diagnostics (Pulses)	Comprehensive diagnosis of the 10 most economically important common seed-borne pathogens known to affect seed quality. Test includes *Ascochyta blight*.	

Cereals Packages

Basic Package (DNA)	Germination, Fusarium.	
Basic Plate	Germination, Fusarium.	
Protein & Moisture	% of Protein & Moisture in Seed.	
Standard Package	Germination, Vigour, Fusarium	
Premium Package (DNA)	Germination, Fusarium, Vigour, 1000 Kernel Weight.	
Premium Plate Package	Germination, Fusarium, Vigour, 1000 Kernel Weight.	
Professional Package	Germination, Fusarium, Vigour, 1000 Kernel Weight, Fungal Screen.	
Field Ready Package, Plus Barley	Germination, Vigour, 1000 Kernel Weight, Fungal Screen, Smut.	
Fall-Seeded Performance Package	Germination, TZVigour, Enhanced Fungal Screen	

Pulses Packages

Basic Package (DNA)	Germination, Ascochyta.	
Economy Plus	Germination, 1000 Kernel Weight	
Protein & Moisture	% of Protein & Moisture in Seed	
Standard Package	Germination, Vigour, 1000 Kernel Weight	
Premium Package (DNA)	Germination, Fusarium, Vigour, 1000 Kernel Weight	
Premium Plate Package	Germination, Ascochyta, Vigour, 1000 Kernel Weight	
Professional Package	Germination, Ascochyta, Vigour, 1000 Kernel Weight, Complete Disease Diagnostic	