Weight Determination
The results from 1,000 seed weight determination are used to calculate sowing rates.

Moisture Content
This test is performed according to the ISTA oven method.

Germination
The germination analysis determines the maximum germination potential of a seed lot as an estimate of its field planting value. To overcome the unreliability of testing under field conditions and to facilitate the reproduction of test results, standardized laboratory procedures have been developed by ISTA. These methods promote the most regular, rapid and complete germination for most seeds of commonly cultivated species.

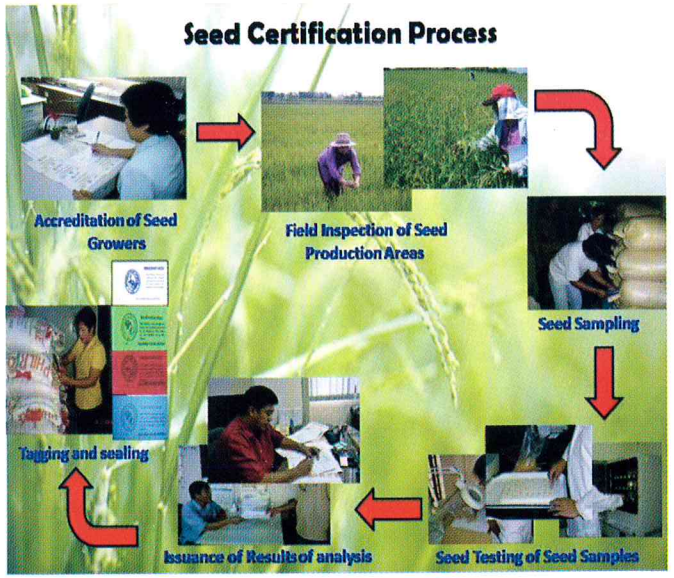
Getting Your Results
Results of Analysis shall be released within fifteen (15) working days of the

TRAINING
NSQCS in coordination with the Agricultural Training Institute (ATI) and other government and private agencies conducts training courses on various aspects of seed quality control and seed technology involving seed inspectors, seed analysts, seed growers and to some extent foreign visitors.

FOR INQUIRY
Visit the nearest NSQCS Laboratory or download application forms at bpi.da.gov.ph. or contact us at the National Seed Quality Control Services, Visayas Avenue, Diliman, Quezon City
Tel Nos. 920-0968/ 924-3264
E-mail: nsqcs_qc@yahoo.com

Republic of the Philippines
Department of Agriculture
BUREAU OF PLANT INDUSTRY
San Andres St., Malate, Manila

National Seed Quality Control Services



Accurate and efficient seed testing and timely availability of seed testing results … a must in today's highly competitive seed industry.

With our team of highly experienced seed analysts, modern facilities coupled with our regional seed inspectors ... The BPI National Seed Quality Control Services provides quality assurance and control services for seed and planting material production, processing, storage and distribution and training in seed quality control towards sustainable agriculture and environmental protection.

PROGRAMS AND SERVICES

Seed Certification— system of seed production geared towards maintaining genetic identity, varietal purity and standards of quality seeds of superior crop varieties.

What is certified seed?

Seed that has been produced to standards set down by Government in a quality assurance scheme. Seed certification is voluntary and adds value and marketability to the seed by documenting it's genetic purity and physical quality.

Why grow or buy certified seed?

- Varietal identity of seed is known, meaning performance attributes such as productivity, disease and insect resistance are also known.
- Physical quality of seed such as purity, moisture content, and germination is accurately reported.
- Buyer confidence in certified seed means increase in yield per hectare, wider markets and quicker sales.

How to become a seed grower and apply for Seed Certification ?

Accreditation of seed grower

- Minimum actual area for certification must be one (1) hectare.
- Must undergo 5 days Inbred Rice Seed Production and Certification training course and 3 days retooling course every 3 years before renewal of accreditation.
- Pay an accreditation fee of PhP500.00, non-refundable.

Field inspection

- inspections of the field by authorized seed inspectors at least three times per cropping season as per standards established such as isolation requirements, presence of off types, admixtures and weeds and incidences of seed-borne diseases and pests, among others.

Seed sampling

How to sample?

The object of seed sampling is to obtain a sample for testing which best represents the entire lot. Seed testing results are only reliable if correct sampling procedures have been applied and the sample sent for testing, (known as the submitted sample) is truly representative of the seed "lot" from which it is taken.

Sampling Procedure

Sample is taken from a seed lot by random taking small portions at different positions of the container and lot and mixing thoroughly and dividing until a smaller sample is obtained.

Dispatch of Submitted Sample

Sample should be properly labeled and submitted immediately to the seed testing laboratory and in proper containers to avoid damage during transit.

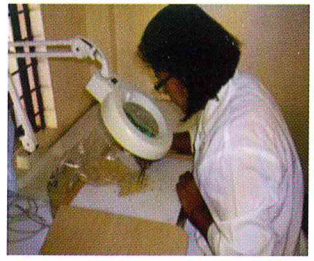
Seed Testing

- samples submitted for certification shall be analyzed/tested within seventy two (72) hours after receipt of the sample.

Types of Seed Tests Available

Purity Analysis

The purity analysis infers the physical quality of an entire seed lot by defining:



Determines the extent to which submitted sample conforms to species or cultivar claimed for and gain information on the amount of other varieties and identify the mixtures.