



D-8 5TH AGRICULTURAL MINISTERIAL MEETING ON FOOD SECURITY ISTANBUL

01-03 December 2014

Sabahattin DURMAZ

**MINISTRY OF FOOD AGRICULTURE
AND LIVESTOCK**

**Variety Registration and Seed
Certification Center**



D-8 5TH AGRICULTURAL MINISTERIAL MEETING ON FOOD SECURITY

VARIETY REGISTRATION SYSTEM

TURKEY

VARIETY REGISTRATION AND SEED CERTIFICATION CENTER (1959)



LEGAL FRAMEWORK

- **Seed law No. 5553**
(31.10.2006)
- **Regulation For Registration of Plant Varieties**
(13.01.2008)
- **Plant Breeders Rights Law No.5042**
(15.01.2004)

LEGAL FRAMEWORK

The registration processes are carried out according to the rules of "Seed Law No. 5553" and "Regulation on Registration of the Plant Varieties)

Turkey implements the principles of international institutions such as ISTA, OECD and UPOV to subjects of seed production, certification, trade, variety registration, plant healthy and Plant Breeders' Rights

The DUS test are set up under conditions of field or green house for minimum two growing season (VRSCC)

The observation and evaluation values of the DUS tests are done under the UPOV principles and norms

NATIONAL SEED ORGANIZATION

REPUBLIC OF TURKEY MINISTRY OF FOOD AGRICULTURE AND LIVESTOCK

GDPC

**Plant Health
and Quarantine**

- 5553 Seed Law (2006)
- Law No 5042 for the protection of Breeders right for new plant variety

GDVP

- Seed, incentive and support policies, production and supply
- Variety registration, Seed control and certification services, market control
- Plant Breeder Rights

GDARP

- Plant Breeding and Variety Development
- Realization of regional variety registration tests
- Resarch Policies

VARIETY REGISTRATION AND SEED CERTIFICATION CENTER

NATIONAL SEED ORGANIZATION

GENERAL DIRECTORATE FOR VEJETATIVE PRODUCTION

VARIETY REGISTRATION AND SEED CERTIFICATION CENTER

ÇAYIROVA Seed Cert. Test Dir.
BEYDERE Seed Cert. Test Dir.
SAMSUN Seed Cert. Test Dir.
ADANA Seed Cert. Test Dir.
ANTALYA Seed Cert. Test Dir.

- Registration Tests (DUS and VCU)
- Domestic and international certification services,
- ISTA and OECD membership services,
- Post Control Tests
- Technical cooperation with UPOV,
- Services for the law for the protection of breeders' rights of new plant varieties,
- Gathering the reference collection for registered varieties,
- Training activities on the subject,
- To keep the standard samples of regitered and release varieties

PROVINCIAL
DIRECTORATES

- Field Control Services,
Sampling,
Market Inspection,
Control services about
Young plant certification

Mersin, Diyarbakır
Provincial Control Lab Directorates

- Registration Tests
- Variety Reference collection

Regional Seed Control and Cerification Services

INTERNATIONAL SEED ORGANIZATION

OECD

Organization for Economic
Co-operation and Development(1968)

ISTA

International Seed Testing
Association(1963)

MINISTRY OF FOOD AGRICULTURE AND LIVESTOCK
Variety Registration And Seed Certification Center

E.E.C.

European Economic Committee
(EU Countries)

UPOV

International Union For The Protection
of New Varieties of Plants(2007)

INSTITUTIONS OF REGISTRATION AND CERTIFICATION IN TURKEY



VARIETY REGISTRATION

Registration is determining and registering of distinctness, uniformity, stability, biological and technological characteristics, value for cultivation and use of varieties which selected in Turkey or abroad, according to regulation bases.

AIM VARIETY OF REGISTRATION

- *To register the new variety improved after plant breeding activities,*
- *To establish the diffusion and the use of the seeds by the farmers.*
- *To recommend of superior new varieties to producer,*

AIM VARIETY OF REGISTRATION

- *To increase yield*
- *To decrease of production expenses.*
- *To assure stability on production,*
- *To grow quality product.*

Application

Who can apply for variety registration?

- ◆ *Universities*
- ◆ *Public and Private sector agricultural research institutions*
- ◆ *Real Persons*
- ◆ *Seed producing institutions.*

(with and obligation of make realize the tests by research institution)

Period of Registration Tests

FIELD PLANTS

VCU + DUS tests

Duration : 2 years (annual field plants)
 3 years (perennial field plants)

VEGETABLES AND ORNAMENTAL PLANTS

Registered with DUS tests

Duration : 2 years

Location : 1 –2

Following the successful completion of required field tests and lab analyses, the varieties are registered and denominated according to decision of the Registration Committees.

Denomination should be suitable to denomination rules



FIELD CROPS

REGISTRATION COMMITTEE

COMMITTEE MEMBERS

General Directorate For Vegetative Production	1
Faculty of Agriculture	1
Public Agricultural Research Institutions	1
Variety Registration and Seed Certification Center	2
Plant Breeders Sub Union	1
Turkey Union of Chambers of Agriculture	1
Related Industrial Sector	1
Seed Industrial and Production Sub Union	1
TOTAL	<hr/> 9

THEN

- Addition of registered varieties to the Registered Variety List on Ministry web-site
- Certified seed production and
- Post Control Tests



FRUIT AND VEGETABLE REGISTRATION COMMITTEE

COMMITTEE MEMBERS

General Directorate For Vegetative Production	1
Faculty of Agriculture	1
Public Agricultural Research Institutions	1
Variety Registration and Seed Certification Center	1
Releated Sub Union	1
TOTAL	5

THEN

- Addition of registered varieties in the National List for varieties on web-site of Ministry
- Seed production and Post Control Tests

PERIOD OF LISTING AND STORAGE OF SEED SAMPLE

Storage of Standard Seed Samples

Field crops and vegetable species 10 years
(for fruit and vine species there is no definite time)

Listing Period

Standard samples are storage by VRSCC
Field crop species-----10 years
Vegetable species-----5 years

NUMBER OF REGISTERED VARIETIES

With the date of 01.07.2014

- *2785 varieties of field plant species are registered*
- *4237 vegetables varieties of plant species are registered as Standard Seed*
- *204 rootstock fruit varieties of fruit species are registered.*
- *1287 fruit varieties of fruit species are registered*



THANK YOU FOR YOUR ATTENTION

