

STATUS OF THE SPANISH INVENTORY OF PGR

- LUCÍA DE LA ROSA
- INIA PLANT GENETIC RESOURCES CENTER
- Alcalá de Henares (Madrid) Spain



Contents

- National Program for PGR in Spain
- Plant Genetic Resources Network
- National Inventory overview
- Documentation system
- Characterization and Evaluation data
- New tool

The National Institute for Agricultural and Food Research and Technology

Public Research Organizations (1/7). It belongs to the Ministry of Science, Innovation and Universities

- Only PRO dedicated exclusively to agrifood and forestry research.
- Responsibilities
 - As manager of project focus on agricultural and agrifood research until the middle of 2017. Since then, this responsibility has changed to the AEI (Research State Agency)
 - As research institution in these areas
 - Support of PGR Network



LAW 30/2006 OF SEEDS, NURSERY PLANTS AND PLANT GENETIC RESOURCES

Regulates the conditions of conservation and sustainable use of plant genetic resources

Art. 46 – Access to PGR

Art. 47 – PGR recipients' obligations

Art. 48 - Conservation and Utilization of Plant Genetic Resources Program

Art 49 - National gene banks' network

Art 50 - National Plant Genetic Resources Center (CRF)

Art 51 – Farmers' Rights

Royal Decree 199/2017 approving the National Program of Conservation and Sustainable Use of Plant Genetic Resources for Agriculture and Food Regulation

Conservation and Utilization of Plant Genetic Resources National Program

Main objectives

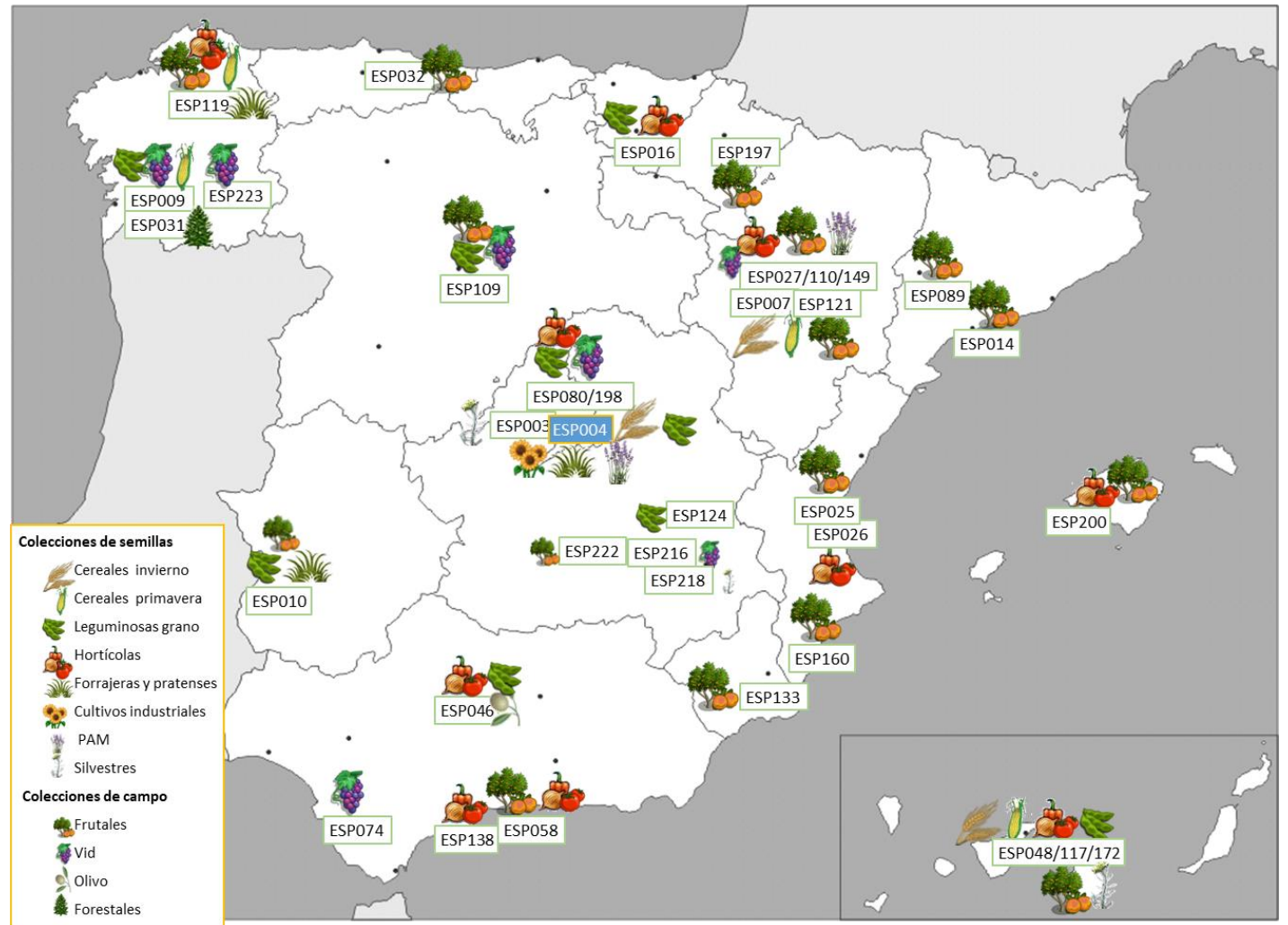
- To ensure the long-term conservation of plant genetic resources on a viable scientific and economic basis
- To guarantee the viability and good sanitary status of the collections
- To optimize the use of institutional, human and financial resources and encourage the participation of the different Administrations
- To improve the competitiveness of the agricultural sector, establish synergies between national sectors and promote international cooperation

Spanish PGRAF *ex situ* conservation Network

It is composed by 35 gene banks that conserve *ex situ* **76.753 accessions** as seeds and in field collections. **The 35 institutions have signed an formal agreement to be included in the Network**

It is responsible to keep Spanish active collections properly conserved, documented and available to potential users.

Seed collections must have a security duplicate in the National Plant Genetic Resources Center



CRF Main activities areas

Mission: Contributing to the conservation and sustainable utilization of Plant Genetic Resources

Objectives:

- Conservation of **seed duplicates** of the National gene bank national network (base collection)
- Conservation and characterization of **active collections**:
 - Cereals, grain legumes, some industrial crops
 - Aromatic and medicinal species
 - Rose bushes and poplar field collections
- **Management and publication of the National Inventory of the National Network**
- Coordination of the **National gene banks' network**
- Coordination of international activities

National Inventory

- The CRF manages and periodically updates the National Inventory, which includes the **passport data** of the accessions held in the Collections of the gene banks' national network
- Since 2000, the CRF has been publishing all this information on INIA's web page
- Each accession is identified by a catalogue number (NC) which is unique and non-transferable even if the same material is conserved in more than one collection



INIA Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria

Inventario Nacional de Recursos Fitogenéticos

Contacto  Instituciones de la Red

Introducción Datos de Pasaporte **Datos de Caracterización** Publicaciones

Nº inventario: NC093032

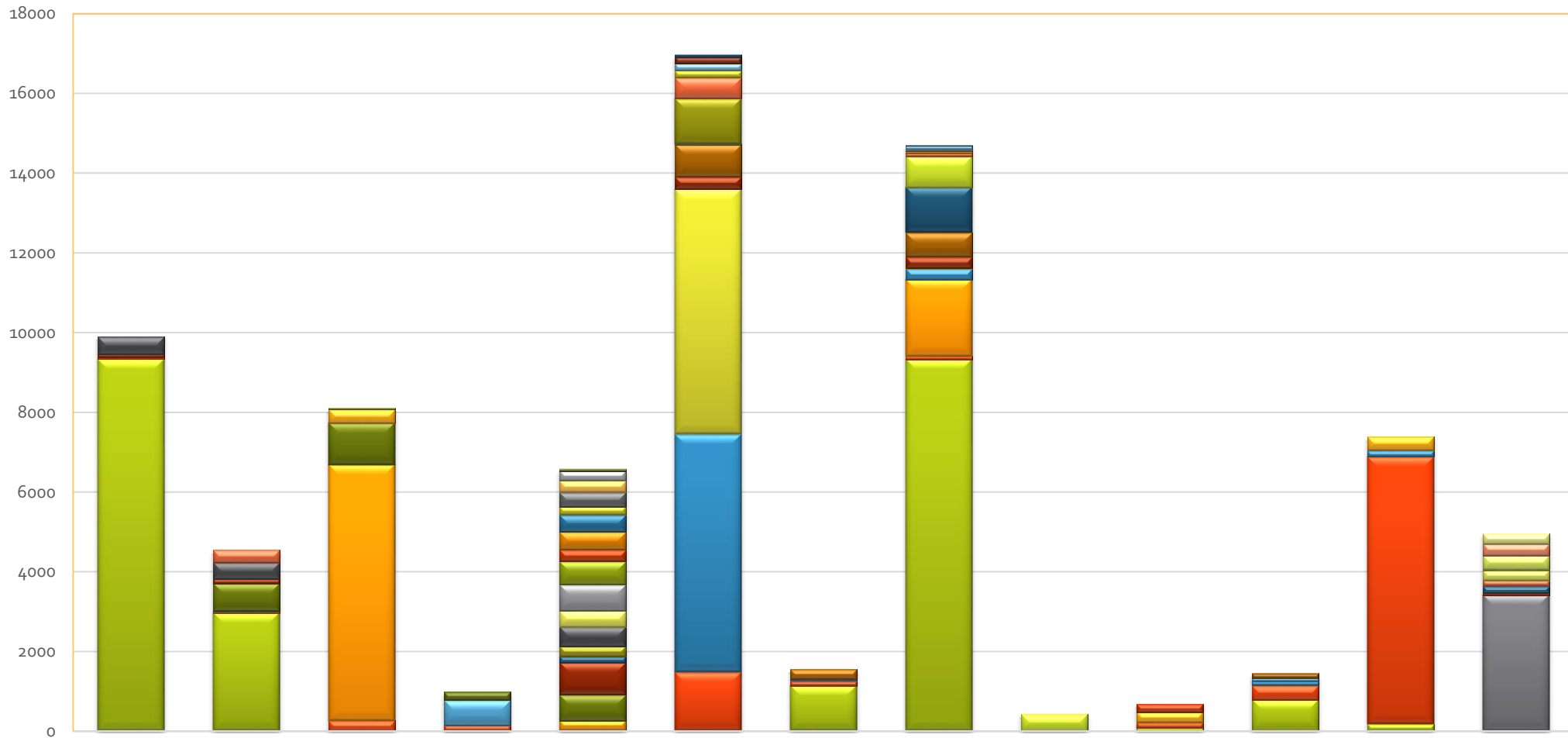
Institución	Nº entrada
ESP016	NK-383
ESP172	CBT00003

Donante:
Nº donante:

Género: Solanum
Especie: tuberosum L.
Subtaxón: subsp. andigena (Juz. & Buk.) Hawkes
Incluido en SML: No



Nombre entrada: Papa bonita colorada
Nº recolección: DRM0003
Recolector: D. Rios Mesa [ESP172](#):
Fecha recol.: 199907--
País: ESP
Estado/Región: Canarias
Provincia: Santa Cruz de Teneri
Localidad: Zona Alta Benijos:La Orotava
Latitud: 282143N
Longitud: 0163245W
Altitud(m): 900
Tipo material: 300.- Cultivar primitivo o tradicional
Fuente: 26.- Explotación agrícola: Almacén del agricultor, casa
Observaciones:



- | | | | | | | |
|------------------|-------------------|--------------------|--------------------|--------------------|-----------------------|---------------------|
| ESP004 CRF | ESP003 ETSIA_Wild | ESP010 La Orden | ESP027 CITA_Veg | ESP026 COMAV | ESP080 IMIDRA_Avina | ESP119 CIAM |
| ESP172 CCBAT | ESP124 CIA_Cuenca | ESP109 ITACYL | ESP058 CSIC_EELM | ESP007 CSIC_EEAD | ESP046 IFAPA_Cor | ESP009 CSIC_MBG |
| ESP117 JBO_Ten | ESP149 CITA_For | ESP197 Uni Navarra | ESP110 CITA_Fru | ESP025 IVIA_Citrus | ESP160 Univ MH | ESP014 IRTA |
| ESP133 IMIDA_Fru | ESP200 IRFAP | ESP032 SERIDA | ESP074 IFAPA_Jerez | ESP216 IVICAM | ESP089 Univ Lleida | ESP016 NEIKER |
| ESP223 EVEGA | ESP048 ICIA | ESP031 Lourizan | ESP138 IFAPA_Mal | ESP198 IMIDRA_Hor | ESP222 EL Chaparrillo | ESP214 Univ Sevilla |

Passport Data sets

1. Holding institutions (coded by FAO WIEWS)
2. Accessions taxonomy (checked using USDA GRIN, local flora Flora Iberica, Flora Europaea)
3. Collecting site
4. Biological status
5. Others and **News !!**

1. Holding institutions

[Introduction](#)
[Passport Data](#)
[Characterization Data](#)
[Bibliography](#)

Passport Search Results

Your query was:

Genus: Solanum
 Species: lycopersicum L.
 Order by N° of inventory
[Download Query Results](#)

Records 1 to 10. Total hits that correspond with the query: 4356

Passport Data

Inventory n°: NC018477

Institute	Accession n°
ESP027	BGHZ0030
ESP026	BGV010194

Accession name: Tomate enano
Collecting n°: 1928
Recolector: M. Carravedo [ESP027](#);
Collecting date: 198108--
Country: ESP
State/Region: Castilla-La Mancha
Province: Toledo
Location: Yuncos
Latitude: 400508N
Longitude: 0035223W
Altitude(m): 553
Status of sample: 300.- Traditional cultivar/landrace
Collecting Source:

Donor:
Donor n°:

Genus: Solanum
Species: lycopersicum L.
Subtaxon: var. lycopersicum
Included in MLS: No

NUMCAT	NOMBAN	NUMBAN	FECADQ	NOMBA1	NUMBA1	NOMBA2	NUMBA2	NOMBA3	NUMBA3	FECAD3
NC018477	ESP004	BGE007229	198312--	ESP027	BGHZ0030	ESP026	BGV010194			
NC036160	ESP004	BGE020962	1993----	ESP026	BGV000981	ESP027	BGHZ0911	ESP058	NR0538	
NC036619	ESP004	BGE015765	1991----	ESP026	BGV002987	ESP027	BGHZ0586	ESP172	CBT01867	20080730
NC018477	ESP004	BGE007229	198312--	ESP027	BGHZ0030	ESP026	BGV010194			

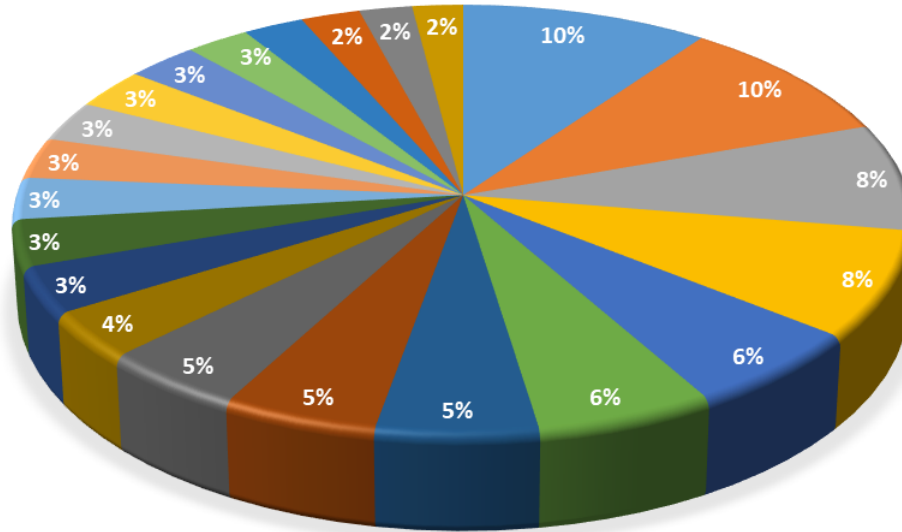
1. Holding institutions

NUMCAT	ESTADO	NOMBAN	NUMBAN	FECADQ	NOMBA1	NUMBA1	FECAD1	NOMBA2	NUMBA2	FECAD2	NOMBA3	NUMBA3	FECAD3
NC035080	C	ESP004	BGE014117	199009--	ESP026	BGV002098		ESP027	BGHZ0515		ESP058	NR0657	
NC035639	C	ESP004	BGE014487	199009--	ESP027	BGHZ0537		ESP026	BGV010702		ESP032	V708	
NC036025	C	ESP004	BGE014892	199009--	ESP027	BGHZ0356		ESP026	BGV010752		ESP198	BGCM0123	
NC036026	C	ESP004	BGE014893	199009--	ESP027	BGHZ0355		ESP026	BGV010753		ESP198	BGCM0124	
NC036160	C	ESP004	BGE020962	1993----	ESP026	BGV000981		ESP027	BGHZ0911		ESP058	NR0538	
NC036163	C	ESP004	BGE020093	1992----	ESP032	V340	199912--	ESP027	BGHZ0549		ESP026	BGV010768	
NC036619	C	ESP004	BGE015765	1991----	ESP026	BGV002987		ESP027	BGHZ0586		ESP172	CBT01867	20080730
NC036620	C	ESP004	BGE015766	1991----	ESP026	BGV003006		ESP027	BGHZ0587		ESP172	CBT01893	20080730
NC036621	C	ESP004	BGE015767	1991----	ESP026	BGV003009		ESP027	BGHZ0588		ESP172	CBT01896	20080730
NC036622	C	ESP004	BGE015768	1991----	ESP026	BGV003017		ESP027	BGHZ0589		ESP172	CBT01892	20080730
NC037189	C	ESP004	BGE019942	1992----	ESP026	BGV000978		ESP027	BGHZ0736		ESP058	NR0535	
NC037191	C	ESP004	BGE019943	1992----	ESP026	BGV000980		ESP027	BGHZ0737		ESP058	NR0537	
NC037193	C	ESP004	BGE019944	1992----	ESP026	BGV000983		ESP027	BGHZ0738		ESP058	NR0541	

Repeated information?

2. Taxonomy

- Scientific names are checked using USDA GRIN taxonomy for Plants and local flora (Flora Iberica, Flora Europaea)
- The SI includes accessions belong to 715 genera and 3,486 species
- The 20 species with more accessions account for 54,8% of the total number of accessions included in the SIN
- The 60 species with more accessions account for 78,8% of the total number of conserved accessions



- Vitis
- Solanum
- Phaseolus
- Trifolium
- Vicia
- Triticum
- Zea
- Hordeum
- Cucumis
- Lupinus
- Allium
- Capsicum
- Cucurbita
- Prunus
- Malus
- Pisum
- Brassica
- Lactuca
- Avena
- Cicer
- Medicago
- Pyrus

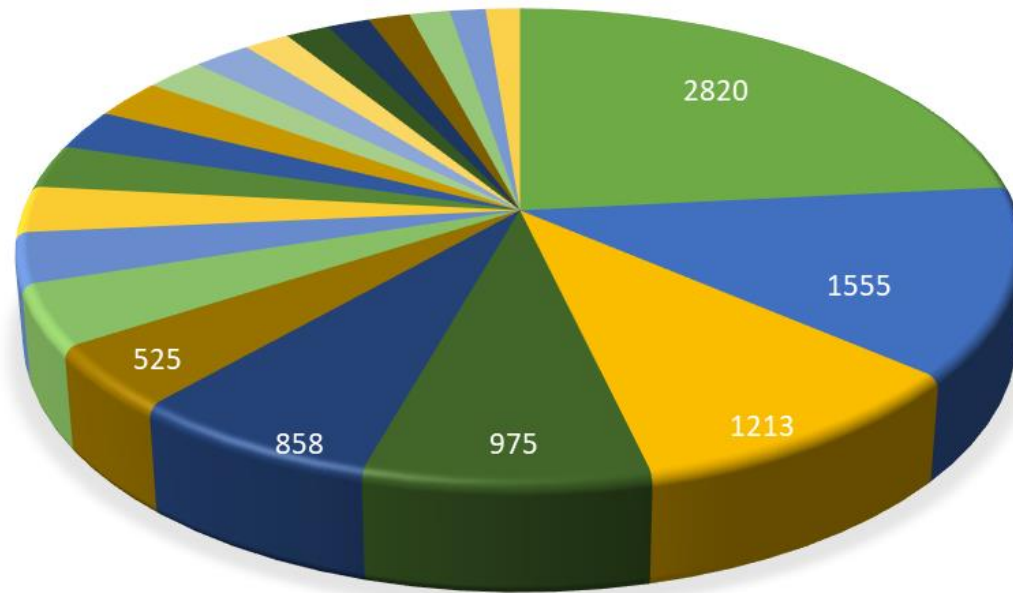
Taxonomy data set:

Botanical family
Genus
Species
Species author
Subtaxa
Subtaxa author
Spanish species common name
Local or commercial name

GENERO	ESPECI	SPECI AUTO	SUBTAX	SUBTAX AUTOR	NOMCOM	NOMLOC
Cucumis	melo	L.			Melon	Melon piel de sapo
Cucumis	melo	L.			Melon	Melon piel de sapo oscuro
Cucumis	melo	L.			Melon	Melon figura

3. Location of collecting site

- The SI includes material of different geographical origin (141 countries)
- The 73,2% of the National collection are of Spanish origin



- PRT
- USA
- FRA
- PER
- ITA
- GRC
- MEX
- CYP
- IND
- MAR
- ARG
- GBR
- TUR
- ECU
- JPN
- IRN

Data set of collecting site:

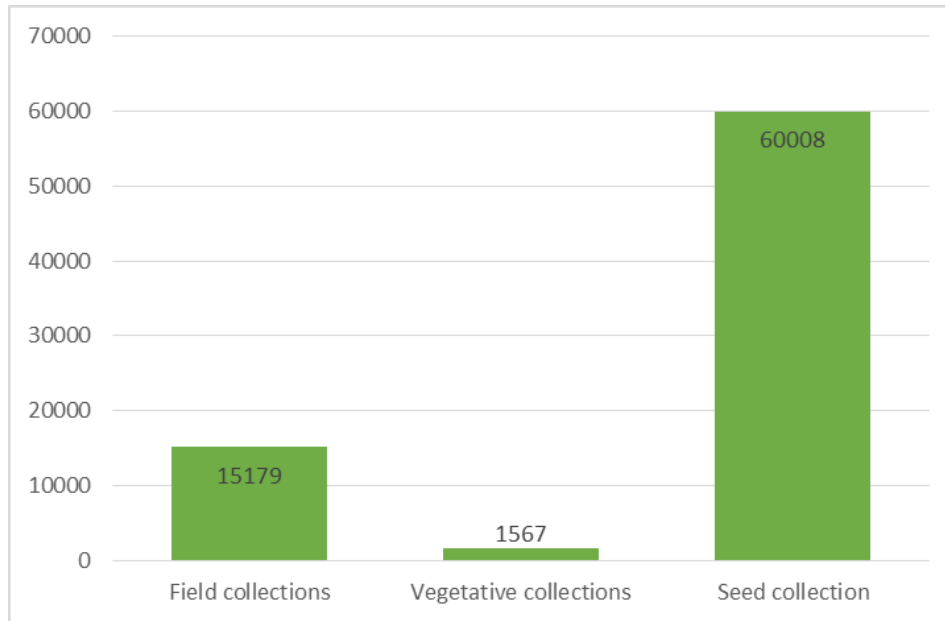
- Country of origin
- State/Region
- Province
- Municipality
- Location
- Latitude
- Longitude
- Altitude
- Collecting number
- Collector
- Collecting date

Collecting/ Acquisition source

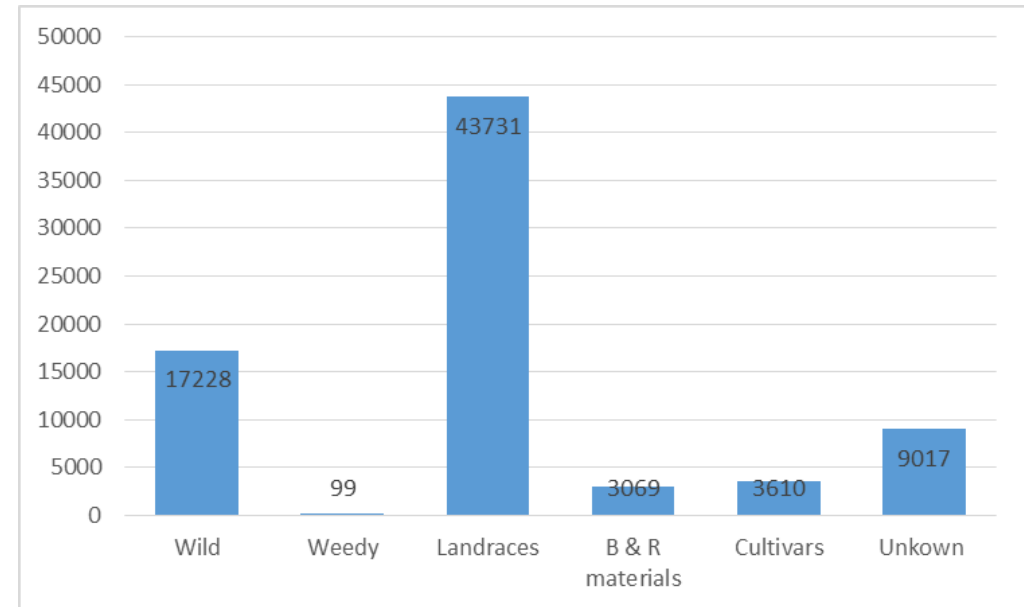
NOMBA1	NUMBA1	GENERO	ESPECI	SUBTAX	NOMLOC	NUMREC	CODREC	FECREC	PAIORI	ESTREG	PROVIN	LOCALI	LATITU	LONGIT	ALTITU	FUENTE
ESP119	CIAM81002	Zea	mays L.	subsp. mays	Millo do pais	81002	C001	19811031	ESP	Galicia	La Coruña	San Salvador;Fisterra	425609N	0091556W	7520	
ESP119	CIAM81003	Zea	mays L.	subsp. mays	Millo do pais	81003	C001	19811031	ESP	Galicia	La Coruña	Duio,San Vicente;Fisterra	4256--N	00917--W	9220	
ESP119	CIAM81004	Zea	mays L.	subsp. mays	Millo do pais	81004	C001	19811031	ESP	Galicia	La Coruña	Duio,San Vicente;Fisterra	4256--N	00917--W	9220	
ESP119	CIAM81005	Zea	mays L.	subsp. mays	Millo do pais	81005	C001	19811031	ESP	Galicia	La Coruña	Lires;Cee	430000N	0091431W	2320	
ESP119	CIAM81006	Zea	mays L.	subsp. mays	Millo do pais	81006	C001	19811031	ESP	Galicia	La Coruña	Pesadoira,Albite;Negreira	425636N	0085227W	45220	

4. Biological status

The genebanks of the Spanish PGR Network includes seed, field collection, in vitro collection and vegetative annual species belongs to the “classical descriptor” categories



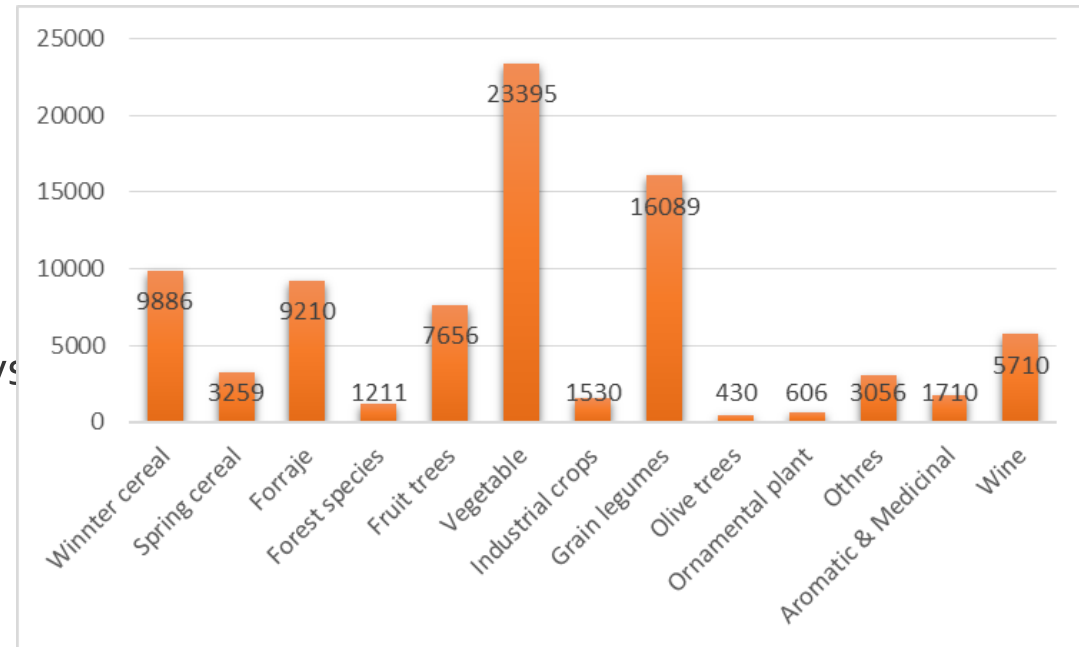
Accessions grouped by type of collection



Accessions grouped by biological status

5. Other and News data

- Status in Treaty MLS : 29090 accessions included
- Part of Treaty Annex 1: 36.169 accessions
- Security duplicate and site of duplication: pending
- Member of a core collections: 694 accessions
- CWR: 14.286 accessions
- Group of species (bar graphic)
- Material availability
- Institution that conserves active collection= Responsible
- Taxonomy reference (pending)
- Original scientific name (in the case of change)
- Advanced or improved material: pending to separate actual vs
- ...





Inventario Nacional de Recursos Fitogenéticos



Contact



Participating Institutions

Introduction

Passport Data

Characterization Data

Bibliography

The rational conservation of plant genetic resources starts with the study of the existing diversity and the consistent arrangement of the associated data. The availability and dissemination of germplasm-related information facilitates the access, management and use of plant genetic resources. These aspects are fully reflected in the FAO's [Second Global Plan of Action](#) for plant genetic resources for food and agriculture, of which one priority activity area calls for the *Construction and strengthening of comprehensive information systems for plant genetic resources for food and agriculture*.

In Spain, the National Program for the Conservation and Use of Plant Genetic Resources, established through a Ministerial Order on 23 April 1993 (Official State Bulletin 7 May), as well as the Action Plans approved to date, include among their priority areas the development of an Inventory of the *ex situ* collections of the National Network.

Since 1994, the National Plant Genetic Resource Center (CRF), as part of its work as documentation hub of the plant genetic resources conserved in the National Network, develops, publishes and keeps updated the National Inventory of the collections participating in the Program.

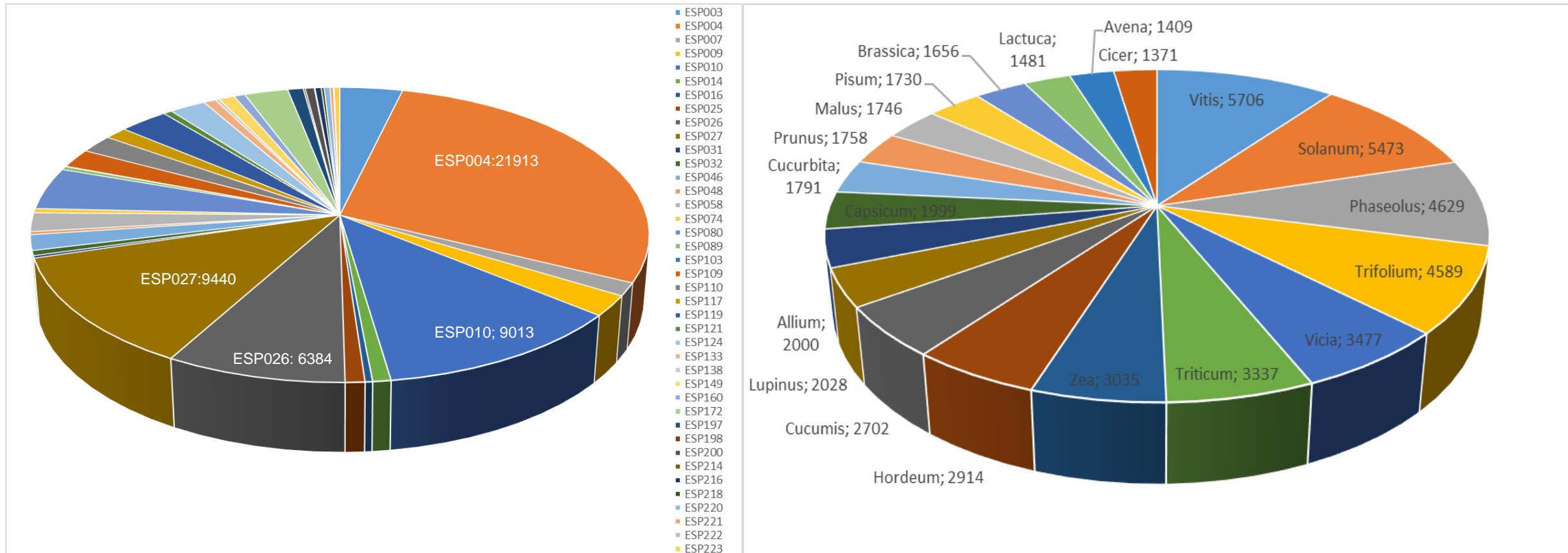
In this website you can search through the passport data of all materials conserved in the Network of collections and find the contact information of the responsible institutions.



Spanish National Inventory in EURISCO

763753 accessions hold in 40 institutions

The top 20 genus by accession number



Other sources for PGR data

	NUMBAN	LOCA	P100SA	FA	PA	GA	LOCB1	P100SB1	FB1	PB1	GB1	DISPONI	C
+	BGE000001	171A1	4,70	1985	590	99	C12A11	4,70	1985	344	99	SI	
+	BGE000002	171A1	4,10	1985	392	92	C12A12	4,10	1985	357	92	SI	
+	BGE000003	171A1	2,80	1980	299	98	C12A13	2,80	1980	337	98	SI	
+	BGE000004	171A1	4,90	1985	263	96	C12A14					NO	
+	BGE000005	171A1	3,60	1980	296	97	C12A21	3,60	1980	332	98	SI	
+	BGE000006	177A1	3,12	1997	53	99	C12A22	3,12	1997	308	99	SI	
+	BGE000007	171A1	3,70	1985	46	99	C12A23	3,70	1985	339	99	SI	
+	BGE000008	171A1	4,20	1985	345	99	C12A24					NO	
+	BGE000011	171A1	3,20	1981	340	96	C12A31					NO	
+	BGE000012	171A1	4,80	1985	350	98	C12A32					NO	
+	BGE000013	171A1	3,70	1980	447	94	C12A33	3,70	1980	375	89	SI	
+	BGE000014	171A1	3,60	1985	546	99	C12A34	3,60	1985	341	99	SI	
+	BGE000015	171A1	3,80	1985	458	99	C12A41	3,80	1985	334	99	SI	
+	BGE000016	171A2	3,70	1985	501	99	C12A42	3,70	1985	335	99	SI	
+	BGE000017	171A2	3,60	1985	42	99	C12A43	3,60	1985	330	99	SI	
+	BGE000019	171A2	2,04	1990	86	94	C12A44					NO	
+	BGE000020	171A2	3,10	1985	558	96	C12A51	3,10	1985	335	96	SI	
+	BGE000021	171A2	2,50	1985	585	99	C12A52	2,50	1985	360	99	SI	
+	BGE000022	171A2	3,70	1998	501	98	C12A53	3,70	1998	383	98	SI	
+	BGE000024	171A2	3,70	1985	9	90	C12A54	3,70	1985	312	90	SI	

Material exchange

CONSERVATION

Conservation chambers location

Introduction date

Seeds weight

Germination rate

Regeneration/multiplication

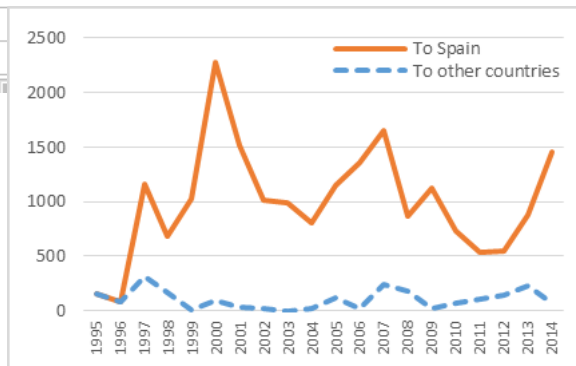
Date

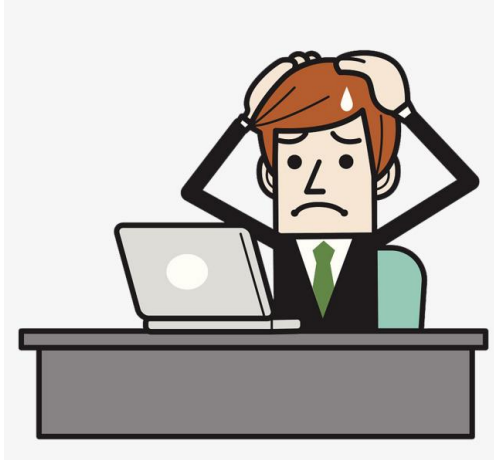
Place

Regeneration number (cycle)

Responsible

Remarks





Characterization and evaluation data

- There are a lot of characterization data all over the total Network
- There are collection without data or with not easily accessible data
- One of the problems is the lack of a common "site" where all the information would be easy accessible

CRF C&E data at Spanish network

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2	ACCNUMB	AÑO	LUGAR	COLLNUMB	TIPICUL	HABCRE	TIPHOU	TIPINF	FRUFAS	LOFRU	ANCFRU	PESFRU	FORFRU	SECTRAFRU	ACOFRU	ANCCICPED	FORAPIFRU	FORCICPIS	NUMLOCFRU	COLFRUINM	COLFRUMAD	PREHOMFRU	INTHOMFRU	PEDSINUMI
3	BGV000095	2012	Valencia, ESP	A-L-5	3	3	3	1,2	0	62,94	89,60	297,66	2	1	3	5		4	7	3	5	1	5	0
4	BGV000102	2013	Valencia, ESP	A-L-12	3	3	3	1,2	1	53,47	72,31	151,63	2	1,2	1	3,5		2,3	M	1	5	1	7	0
5	BGV000109	2013	Valencia, ESP	A-L-19	3	3	3	2	0	54,62	86,28	230,45	1	1	3	7		3,4	M	1	5	1	5	0
6	BGV000111	2012	Valencia, ESP	A-L-21	3	3	3	2	0	60,41	102,94	379,81	1	3	5	7		4	M	3	4	1	3	0
7	BGV000902	2013	Valencia, ESP	AN-L-3	3	3	3	1	0	52,65	56,82	87,05	2	2,1	3	3		2	5	3	5	0	0	0
8	BGV000904	2013	Valencia, ESP	AN-L-5	3	3	3	2	0	79,11	45,87	83,52	6-8	2	3	3		1	3	5	5	0	0	0
9	BGV000909	2012	Valencia, ESP	AN-L-10	3	3	3	1,2	0	61,30	87,95	274,86	2	1,2	3	3-5		4	M	1	5-3	1	5	0
10	BGV000915	2012	Valencia, ESP	AN-L-16/2	3	3	3	3	1	64,67	90,40	302,06	2	1	3	5		4	M	3	4	1	3	0
11	BGV000917	2013	Valencia, ESP	AN-L-18	3	3	3	1,2	0	54,05	43,62	56,45	4-8	1	1	3		1	2	3	5	1	5	0
12	BGV000923	2013	Valencia, ESP	AN-L-24	3	3	3	2	0	53,43	80,10	173,27	1	Variable	3	5		Variable	M	1	5	1	5	0
13	BGV000926	2013	Valencia, ESP	AN-L-27	3	3	3	1,2	0	104,00	54,88	139,66	10	2,3	3	3		1	4	3	5	1	7	0
14	BGV000928	2012	Valencia, ESP	AN-L-29	3	3	3	1	1	68,34	95,03	362,20	2	1	1	5		4	M	3	5	1	5	0
15	BGV000939	2012	Valencia, ESP	AN-L-40	3	3	3	1,3	0	23,69	29,38	12,07	2	1	1	3		1	2	5	5	1	3	0
16	BGV000942	2012	Valencia, ESP	AN-L-43	3	2	3	1,2	0	67,41	95,55	359,23	2	1	3	3,5		4	M	3	5-3	0	0	0
17	BGV000943	2012	Valencia, ESP	AN-L-44	3	3	3	1,2	0	62,97	85,87	271,26	2	1-2	3	3-5		4	7	3	5	0	0	0
18	BGV000959	2012	Valencia, ESP	AN-L-60	3	3	3	1	0	60,61	71,75	170,09	2-3	1-2	1	3		2,1	7	1	5	0	0	0
19	BGV000961	2013	Valencia, ESP	AN-L-62	3	2	3	1	0	59,45	78,18	202,05	2	2,3	1	3-5		2,4	7	5	5	1	3	0
20	BGV000971	2012	Valencia, ESP	AN-L-72	3	3	3	1,2	0	62,69	94,36	334,13	1-2	1	1	5		4	7	3	5	1	3	0
21	BGV000985	2013	Valencia, ESP	AN-L-86	3	2	3	1	0	56,44	73,04	161,53	2	2	1	5		2,4	M	3	5	0	0	0
22	BGV000988	2013	Valencia, ESP	AN-L-89	3	3	3	2,3	0	52,98	81,53	169,73	1	3	3	5		3,4	M	1	5	1	5	0
23	BGV000989	2013	Valencia, ESP	AN-L-90	3	3	3	1,2	0	87,43	53,14	107,74	10	3,2	3	3		1	5	1	5	1	5	0
24	BGV001002	2013	Valencia, ESP	AN-L-103/2	3	3	3	1	0	58,44	71,06	157,63	3	1,2	1	3		Variable	7	3	5	1	3,7	0
25	BGV001012	2012	Valencia, ESP	AN-L-113	3	3	3	1	1	57,46	95,16	313,34	1	1-3	5	5		4	M	3	2-3	1	7	0
26	BGV001030	2012	Valencia, ESP	AN-L-131	3	3	3	1	0	66,12	57,85	126,05	4-8	1	1	3		1	2	3	5-3	0	0	1
27	BGV001062	2012	Valencia, ESP	AN-L-163	3	2	3	1,2	0	64,80	57,82	114,89	4	1	1	3		1	2	3	5	0	0	1
28	BGV001070	2012	Valencia, ESP	AN-L-171	3	3	3	2	1	75,33	89,04	334,23	5	1	1	5		4	M	3	5	1	5	0
29	BGV001074	2013	Valencia, ESP	AN-L-175/1	3		3	2,3	0	53,47	75,94	158,89	1	3	Variable	3		4	M	1	5	1	5	0
30	BGV001544	2012	Valencia, ESP	B-L-14	3	2	3	1	0	71,80	60,71	91,90	7	3	1	3		1	2	3	5	0	0	0
31	BGV001545	2012	Valencia, ESP	B-L-15	3	3	3	1,2	0	42,48	66,33	125,84	1	2	3-5	3		1	4	5	3-5	1	5	0
32	BGV001546	2012	Valencia, ESP	B-L-16	3	2	3	1	0	79,65	34,37	123,67	6	1	1	3		1	2	1	5	0	0	1
33	BGV001551	2013	Valencia, ESP	B-L-21	3	3	3	1	0	45,24	65,86	107,70	1	2,3	1	3		Variable	5	3	3-5	1	3	0
34	BGV001572	2013	Valencia, ESP	B-L-42	3	3	3	1	0	17,70	20,48	4,77	3	1	1	3		1	2	5	5	1	3	0
35	BGV002026	2012	Valencia, ESP	C-L-3	3	1	3	1,2	0	61,43	50,66	88,90	8	1	1	3		1	2	1	5-3	0	0	1
36	BGV002027	2012	Valencia, ESP	C-L-4	3	3	3	1,2	0	47,56	74,60	135,75	1	3	3-5	3		1	3	3	2-4	0	0	0
37	BGV002051	2012	Valencia, ESP	C-L-28	3	3	3	3	1	45,55	88,42	187,28	1	3	3	5		4	M	5	4	1	5	0
38	BGV002086	2012	Valencia, ESP	C-L-63	3	3	3	1,2	0	40,05	55,98	73,22	1	2	3	3		1	3	3	2-4	1	3	0
39	BGV002108	2012	Valencia, ESP	C-L-85	3	3	3	1,2	0	49,40	73,94	162,08	1	1	1	3		2	5	3	5	1	5	0
40	BGV002117	2012	Valencia, ESP	C-L-94	3	3	3	2	0	56,35	77,67	199,14	1	1	3	5		4	5	1	5-3	1	5	0
41	BGV002142	2012	Valencia, ESP	C-L-119	3	3	3	3	0	51,33	55,64	86,65	2-3	1	1	3		1	2	3	5	1	5	0

TOMATE

Descriptores-ESP

Descriptores-ING



CRF Characterization and evaluation data

Microsoft Access - [CRF : Tabla]

Archivo Edición Ver Insertar Formato Registros Herramientas Ventana ?

NUMBAN	LUGCAR	AÑOCAR	HA_CRE	DI_ESP	DI_MAD	AL_PLA	RU_BAR	CO_BAR
BGE000082	ESPINIACRF	1995	5,7	166	207	120	1	1
BGE000097	ESPINIACRF	2002	5	182	224	122	1	2
BGE000108	ESPINIACRF	1995	5	172	221	154	1	1
BGE000109	ESPINIACRF	1995	5	166	207	105	1	2
BGE000110	ESPINIACRF	1995	5,3	166	208	137	1	4
BGE000112	ESP004	2001	5	186	227	126	2	2
BGE000112	ESPINIACRF	2002	5	189	224	137	1	2
BGE000113	ESPINIACRF	1995	5	161	204	89	1	2
BGE000114	ESPINIACRF	1995	5	162	207	110	1	1
BGE000115	ESPINIACRF	1995	5,3	160	207	115	1	2
BGE000118	ESP004	2001	5	189	227	136	1	2
BGE000119	ESPINIACRF	1995	5,3	161	202	113	1	2
BGE000122	ESPINIACRF	1995	5	166	207	118	1	2
BGE000123	ESPINIACRF	1995	7	150	202	97	1	2
BGE000125	ESPINIACRF	1995	5	166	207	132	1	2
BGE000132	ESPINIACRF	1995	5	162	207	122	1	2
BGE000181	ESP004	2001	3	187	227	130	1	2
BGE001926	ESPINIACRF	1998	5	203	246	135	1	1
BGE001927	ESPINIACRF	2002	5	195	228	136	1	4

Characterization /Evaluation

Place

Date

Responsible

Descriptors list

CRF C&E data

http://webx.inia.es/web_coleccionescrf/CaracterizacionCRF.asp



Resultados de la búsqueda de los datos de Pasaporte/Caracterización de *Lens culinaris Medik.*

La consulta realizada fue:

Todas las entradas

Registros 1 a 10 de 230 que coinciden con la consulta.

Caracterización y Evaluación de: *BGE000762 (Lens culinaris Medik.)*

Lugar: [ESP004](#)

Latitud: 403059N

Longitud: 0031941W

Altitud: 600

Persona responsable: L. de la Rosa

Fecha: 1987-1988



[Datos de la Recolección](#)

Descriptor	Descripción	Valor
FECSIE	Fecha de siembra (AAAAMMDD)	19871111
DPFLO	Días a primera flor	
DFLO	Días al 50% de floración	186
DMAD	Días a maduración	232
PALT	Altura de la planta (cm)	54,35
VALT	Altura hasta primera vaina (cm)	33,4
PPIG	Pigmentación de la planta	2
FPED	Número de flores por pedúnculo	2,8
FCOL	Color del estandarte	2
SVAI	Número de semillas por vaina	1,9
VPIG	Pigmentación de la vaina	1
P100S	Peso de 100 semillas (g)	2,23

CRF C&F data

<http://webx.inia.es>



CENTRO DE RECURSOS FITOGENÉTICOS (CRF)

ESPIGARIO

Lista de todas las Imágenes de *Triticum turgidum* Clasificadas por Nombre Científico

INICIO		Total entradas recuperadas: 288			
Introducción	Subespecie	convar	var	Nombre local	Imagen
Imágenes Digitales				ESCAÑA	
Clasificadas por Nombre Científico	turgidum L.	durum(Desf.)MK.	affine Korn.		
Clasificadas por Nombre Local	turgidum L.	durum(Desf.)MK.	affine Korn.	AMARELO BARBA BRANCA	
Clasificadas por N°. Acceso	turgidum L.	durum(Desf.)MK.	affine Korn.	ARGOS	
Búsquedas	turgidum L.	durum(Desf.)MK.	affine Korn.	BALADI SAIDI	
Triticum turgidum L.	turgidum L.	durum(Desf.)MK.	affine Korn.	BALILLA FALSO	
Triticum monococcum L.	turgidum L.	durum(Desf.)MK.	affine Korn.	BLAT OBEIRA	
Contacto	turgidum L.	durum(Desf.)MK.	affine Korn.	BLAT OBEIRA VENDRELL	
Información y Sugerencias	turgidum L.	durum(Desf.)MK.	affine Korn.	CANDEAL GRAO ESCURO	

Future

- A new tool that will include Passport, Characterization and Graphic information

<https://tomatocrf.comav.upv.es/>

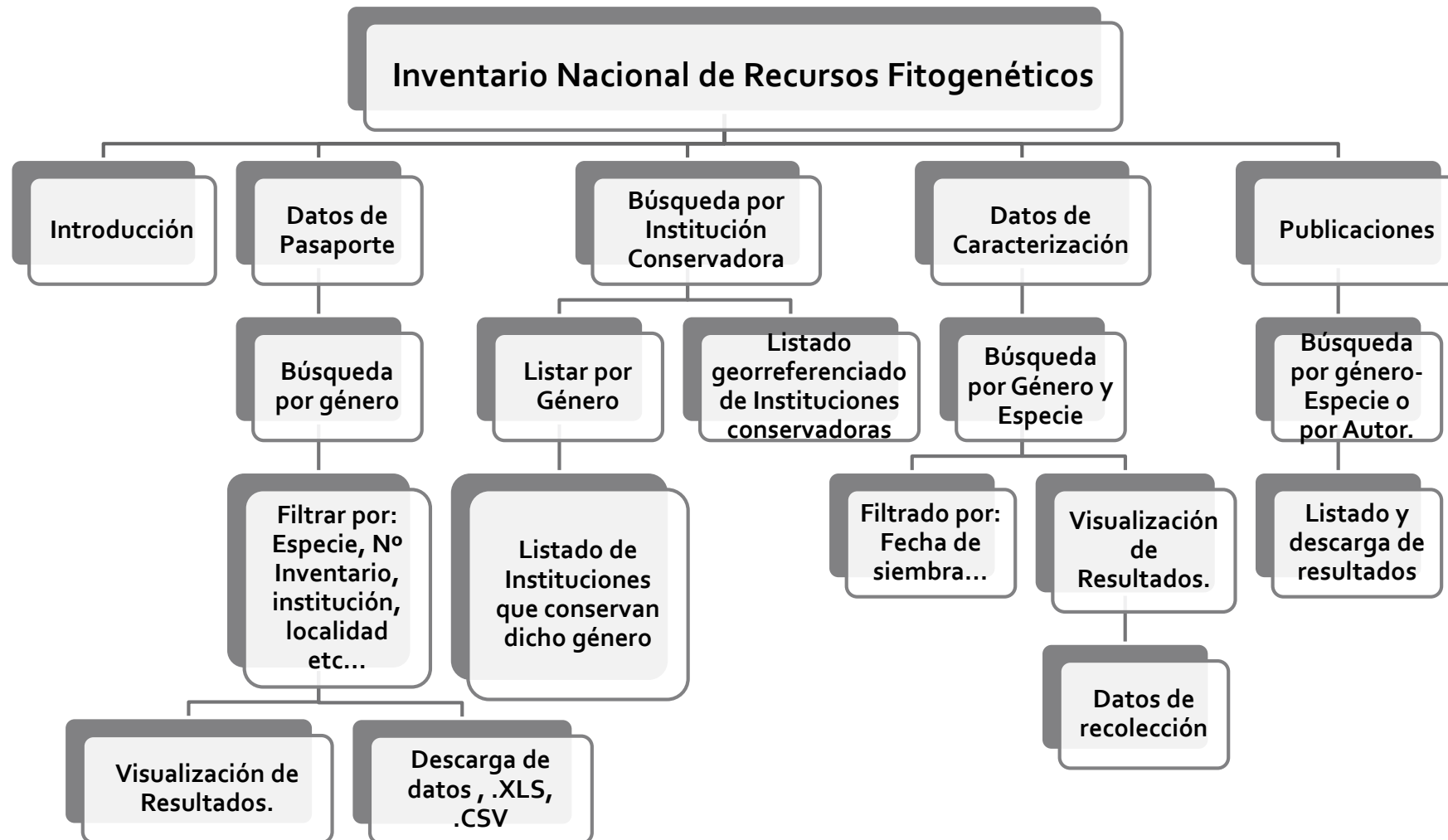
The screenshot displays the TomatoCRF web application interface. At the top, there is a navigation bar with 'Home' and 'Search' options. The main content area is divided into several sections:

- AccessionSet Search:** A search bar with 'Accessionset NC0184' entered. Below it, a list of accessions is shown, including '1889 AccessionSets for', 'Accessionset UID', and a list of NC018477 through NC018484. A 'Search' button and a 'Clear' button are present.
- Accessions:** A table listing accessions with columns for 'Institute' and 'Accessionset UID'. The entries are ESP004, ESP027, and ESP026.
- Accession:** A detailed view for 'ESP004:BGE007231' (ESI). It includes 'Accession data' with 'Institute: ESP004' and 'Accession Number'.
- Taxonomy:** A section showing taxonomic information: Genus: Solanum, Species: lycopersicum L., and Variety: lycopersicum.
- Geolocation:** A section showing location details: Country: Spain (ESP), State: Cataluña, Province: Barcelona, Municipality: Manresa, Latitude: 41.72305555555554, Longitude: 1.8283333333333334, and Altitude: 238.
- Other Numbers:** A section for additional identifiers.
- Map:** A Google Maps view showing the location of Manresa, Spain, with a red pin. The map includes controls for 'Mapa' and 'Satélite' views, a scale bar (20 km), and a 'Terminos de uso' link.



**!!! Thank you
for your
attention!!!**

WEB structure



WEB structure

