

Red de Colecciones del Programa Nacional de Recursos Fitogenéticos, como ejemplo de colaboración en red



Lucía De la Rosa Fernández
Centro Nacional de Recursos Fitogenéticos
17 de junio de 2015

- RFGAA cualquier material genético de origen vegetal de valor real o potencial para la agricultura y la alimentación. El material genético es el que contiene unidades funcionales de la herencia (*TIRFAA*)

AGROBIODIVERSIDAD

- **Especies cultivadas**

 - variedades comerciales actuales

 - variedades comerciales obsoletas

 - variedades locales (autéctonas, criollas...)

- **Materiales de mejora y stock genético**

NUS, CWR

 - **Especies silvestres**

 - uso directo
 - uso indirecto
 - uso potencial

(Esquinas- Alcázar, 1993)




El Programa Nacional de Conservación y Utilización Sostenible de los Recursos Fitogenéticos Para la Agricultura y la Alimentación

Título IV de la Ley 30/2006, considerando los Art. 6 y 7 del TI

Objetivos

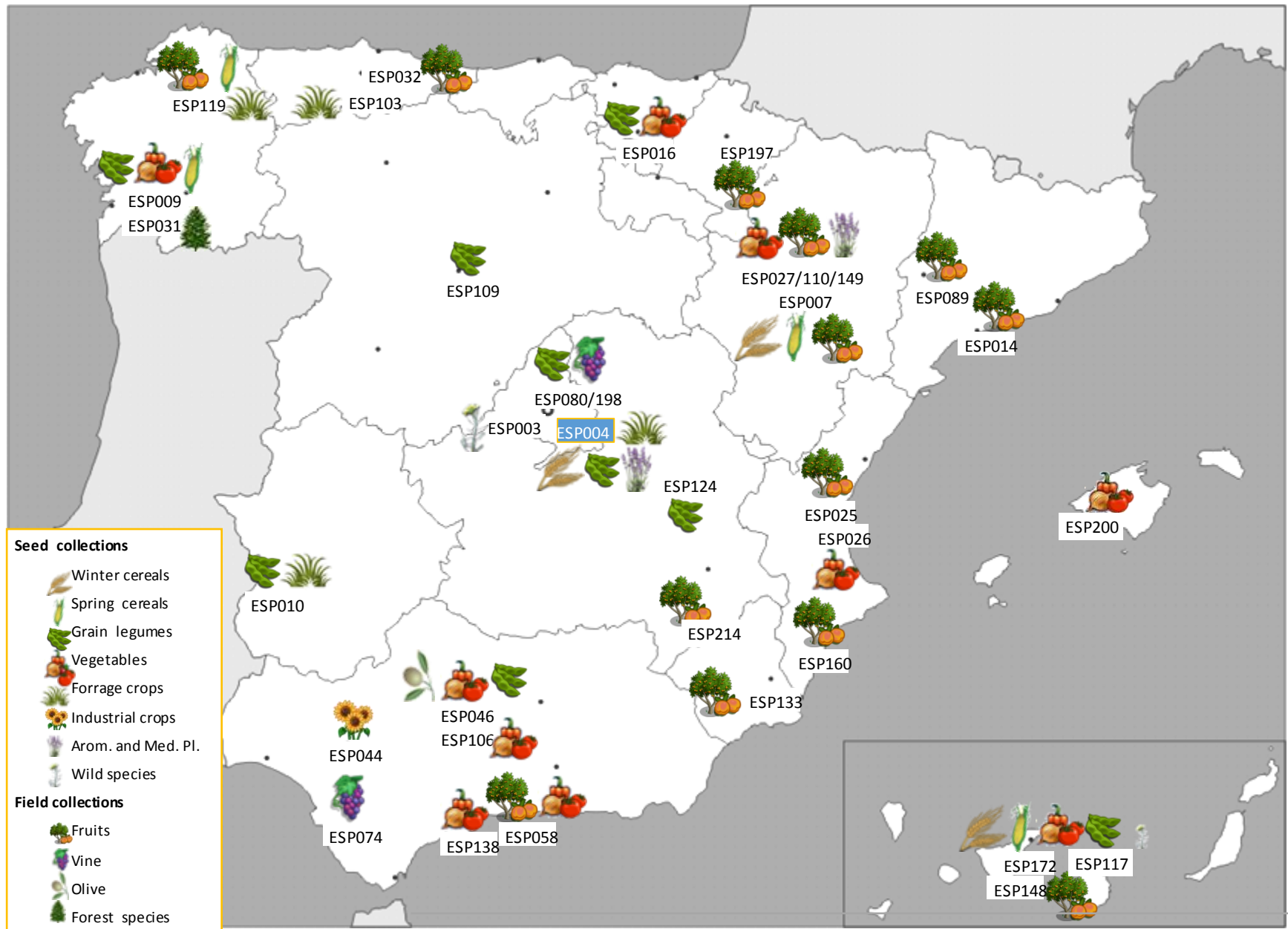
- Evitar la pérdida de la diversidad genética de especies y variedades agroalimentarias en desuso y de aquellas otras cuyo potencial genético es susceptible de ser utilizado directamente o en mejora genética
- Caracterizar y **documentar** el material para fomentar su uso
- Establecer la adecuada estructura de la red de bancos de RFs que encauce la necesaria cooperación nacional e internacional en el tema.

LA RED DE COLECCIONES DEL PROGRAMA

- Constituida por las colecciones de RFs mantenidas *ex situ*, en forma de semillas o material de reproducción vegetativa, por organismos de las Administraciones públicas, obtenidas y gestionadas según protocolos estandarizados.
- Elemento común: participar del PCURF
- Requisitos que deben cumplir:
 - a) **Estar debidamente identificadas** 
 - b) **Estar en condiciones adecuadas de conservación**
 - c) Los que se establezcan reglamentariamente
- Las Administraciones públicas velarán por el mantenimiento y conservación de los recursos fitogenéticos

Red de
Colecciones
del
Programa

Red Española de Conservación *ex situ* de RFs



Identificación de instituciones en WIEWS

apps3.fao.org/wiews/institute.htm?l_STID=&i_RC=&i_VINST=&i_LT=N&i_d=false&i_j=&i_r=0&i_a=Navigate&i_t=&i_m=true&i_f=&i_op=&i_np1=&i_np2=&i_FC=&i_FG=&i_FP=&i_s=&i_UP=&i_TI=&i_TC=&i_TR=&i_SO=&i_DA=&i_CHLE=&

WIEWS
PGR
Seeds
Early Warnings

Institutes

Genplasm Crop Activities Contacts Legal Aspects

INSTITUTE Details

Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria. Centro Nacional de Recursos Fitogenéticos
Spain

| | | | |
|---------------------------------|--|------------------------------------|---|
| Institute Code | ESP004 | ECPGR Acronym | ESPINIAMAD |
| Street_POB | Autovía de Aragón km 36. Apdo. 1045 | Institute Type | Governmental |
| City | Alcalá de Henares. Madrid | Ex Situ Collection | <input checked="" type="checkbox"/> |
| ZIP_Postcode | 28800 | Internet Site | http://www.inia.es |
| Country | Spain | Facsimile | +34-918819287 |
| Acronym | INIA-CRF | Cable | |
| Institute Level | 03.01.03.01 | Latitude | 40.31° N |
| PGR Activity | <input checked="" type="checkbox"/> | Longitude | 3.19° W |
| Electronic Mail | rosa@inia.es | Altitude | 594 |
| Telephone | +34-918819286 | | |
| Telex | | | |

Storage Facilities

[Contacts \(8\)](#) [Germplasm Holdings](#) [Species\(273\)](#) [Accessions\(20329\)](#) [Crop Activities \(5\)](#)

| | | |
|---|--|--|
| <ul style="list-style-type: none"> - Aguiriano Labandibar, Dra. Edume Ayerbe Mateo-Sagasta, Dr. Luis De la Rosa Fernández, Dra. Lucía | <ul style="list-style-type: none"> Aegilops columnaris Aegilops comosa Aegilops crassa Aegilops cylindrica | <ul style="list-style-type: none"> Cereals Food legumes Forages Industrial crops |
|---|--|--|

Updated on: 17-NOV-2010
by: De la Rosa Fernández

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ARCHIVO INICIO CREAR DATOS EXTERNOS HERRAMIENTAS DE BASE DE DATOS HERRAMIENTAS DE TABLA DISEÑO Access Iniciar sesión

Ver Clave principal Generador de validación Probar reglas de validación Eliminar filas Modificar búsquedas Hoja de propiedades Índices Crear macros Cambiar nombre/ de datos Eliminar Macro Relaciones Dependencias del objeto Relaciones

Tablas

- COLECCION_WEB
- COLECTORES
- COORESPAÑA
- ESP004 SML Oct2010
- ESPECIES
- FAMILIAS
- FOTOS
- FUENTE
- GESTION
- MUNICIPIO_OFICIAL_2014
- MUNICIPIOS
- MUNICIPIOS_NOMBRE OFICIAL
- NOMBRESVULGARES
- NOMBRESVULGARESING
- ORGANIZACIONES
- ORIGEN FOTO
- PAISES
- PASAPORTE**
- PASAPORTE CON FOTO
- RECOLECTORES
- RESPONSABLE

PASAPORTE

| Nombre del campo | Tipo de datos | Descripción (opcional) |
|------------------|---------------|------------------------|
| NUMCAT | Texto corto | |
| ESTADO | Texto corto | |
| NOMBAN | Texto corto | |
| NUMBAN | Texto corto | |
| FECADQ | Texto corto | |
| NOMBA1 | Texto corto | |
| NUMBA1 | Texto corto | |
| FECAD1 | Texto corto | |
| NOMBA2 | Texto corto | |
| NUMBA2 | Texto corto | |
| FECAD2 | Texto corto | |
| NOMBA3 | Texto corto | |
| NUMBA3 | Texto corto | |
| FECAD3 | Texto corto | |
| DONANT | Texto corto | |
| NUMDON | Texto corto | |
| OTRRAN | Texto corto | |

Propiedades del campo

| General | | Búsqueda | |
|------------------------|---------------|----------|--|
| Tamaño del campo | 12 | | |
| Formato | | | |
| Máscara de entrada | | | |
| Título | | | |
| Valor predeterminado | | | |
| Regla de validación | | | |
| Texto de validación | | | |
| Requerido | Sí | | |
| Permitir longitud cero | No | | |
| Indexado | No | | |
| Compresión Unicode | Sí | | |
| Modo IME | Sin Controles | | |
| Modo de oraciones IME | Nada | | |
| Alineación del texto | General | | |

Un nombre de campo puede tener hasta 64 caracteres de longitud, incluyendo espacios. Presione F1 para obtener ayuda acerca de los nombres de campo.

Vista Diseño. F6 = Cambiar paneles. F1 = Ayuda. BLOQ NUM

Datos de la Entrada

| NUMCAT | ESTADO | NOMBAN | NUMBAN | FECADQ | NOMBA1 | NUMBA1 | FECAD1 | NOMBA2 | NUMBA2 | FECAD2 | NOMBA3 | NUMBA3 |
|----------|--------|--------|-----------|----------|--------|----------|--------|--------|-----------|--------|--------|--------|
| NC018477 | C | ESP004 | BGE007229 | 198312-- | ESP027 | BGHZ0030 | | ESP026 | BGV010194 | | | |
| NC018506 | C | ESP004 | BGE007258 | 198312-- | ESP027 | BGHZ0021 | | ESP026 | BGV010223 | | | |
| NC018817 | C | ESP004 | BGE008352 | 198506-- | ESP027 | BGHZ0163 | | ESP026 | BGV010242 | | | |
| NC107135 | C | ESP004 | BGE048094 | 20150519 | ESP027 | BGHZ5932 | | | | | | |

Datos Taxonomicos

| FAMILIA | GENERO | ESPECI | SPECI AUTO | SUBTAX | UBTAX AUTO | NOMCOM | NOMLOC |
|------------|---------|--------------|------------|-------------------|------------|--------|-----------------|
| Solanaceae | Solanum | lycopersicum | L. | var. lycopersicum | | Tomate | Tomate enano |
| Solanaceae | Solanum | lycopersicum | L. | var. lycopersicum | | Tomate | Tomatica ramet |
| Solanaceae | Solanum | lycopersicum | L. | var. lycopersicum | | Tomate | Tomate negrito |
| Solanaceae | Solanum | lycopersicum | L. | var. lycopersicum | | Tomate | Tomate de untar |

Datos de recolección

| INSREC | CODREC | NUMREC | FECREC | PAIORI | ESTREG | PROVIN | MUNICI | LOCALI | LATITU | LONGIT | ALTITU |
|--------|--------|--------|----------|--------|--------------------|---------|------------|--------|---------|----------|--------|
| ESP027 | C004 | 1928 | 198108-- | ESP | Castilla-La Mancha | Toledo | Yuncos | | 400508N | 0035223W | 553 |
| ESP027 | C004 | 1909 | 198108-- | ESP | Cataluña | Lerida | Balaguer | | 414734N | 0004821E | 233 |
| ESP027 | C004 | 2046 | 198208-- | ESP | Andalucia | Sevilla | Badolatosa | | 371833N | 0044016W | 236 |
| ESP004 | E065 | 5/2 | 19970930 | ESP | Andalucia | Almeria | Instincion | | 365940N | 0023931W | 437 |

Otros datos.....

| TIPMAT | INSMEJ | PEDIGR | FUENTE | TIPALM | DUPSEG | DISPON | GRUPO | SILVEMP | RESPON | OBSERV |
|--------|--------|--------|--------|--------|--------|--------|-------|---------|--------|------------|
| 300 | | | | 13 | | | HOR | 0 17 | | |
| 300 | | | | 13 | | | HOR | 0 17 | | |
| 300 | | | | 13 | | | HOR | 0 17 | | |
| 300 | | | 26 | 13 | | | HOR | | 17 | Fruto rosa |

Otros datos.....

| OBSERV WEB | COLLDESCR | BREDDDESCR | DONORDESCR | DUPLDESCR | ACCEURL | ANEJO1 | ENTSML |
|------------|-----------|------------|------------|-----------|---------|--------|--------|
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| Fruto rosa | | | | | | | 0 |

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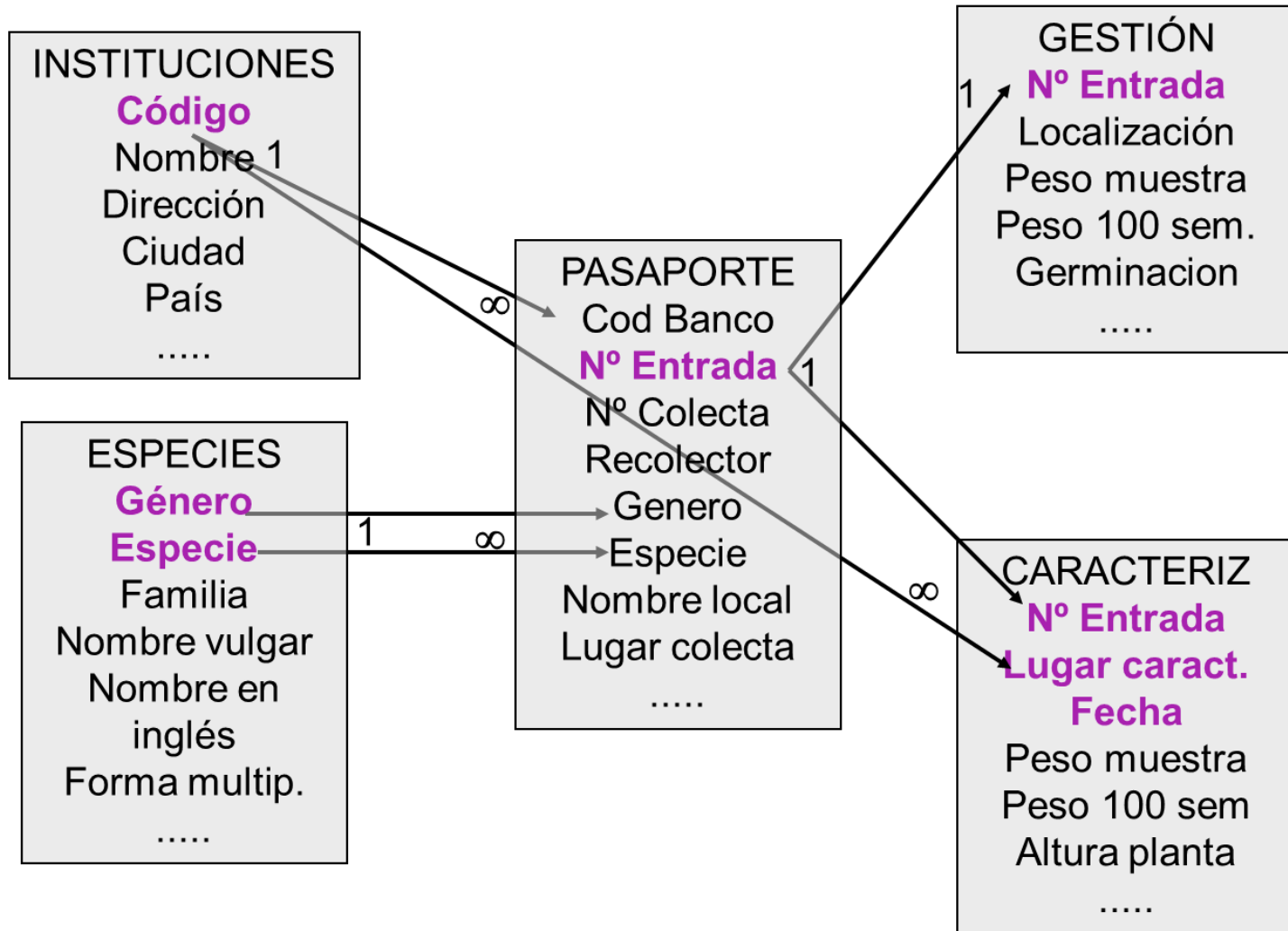
Clave principal

| | NUMCAT | NOMBAN | NUMBAN | FECADQ | GENERO | ESPECI | NOMLOC | FECREC | PROVIN | MUNICI | |
|---|----------|--------|-----------|----------|----------|--------------|-------------------------|----------|------------|---------------------|------------------|
| + | NC011925 | ESP004 | BGE003055 | 198111-- | Triticum | aestivum (L. | Serodio | 19810715 | Lugo | Friol | Nodar |
| + | NC011926 | ESP004 | BGE003056 | 198111-- | Triticum | aestivum (L. | Trigo | 19810721 | La Coruña | Monfero | Vite, Queixeiro |
| + | NC011970 | ESP004 | BGE003102 | 198111-- | Triticum | aestivum (L. | Roxo | 19810721 | La Coruña | Monfero | Xestoso, San P |
| + | NC011980 | ESP004 | BGE003115 | 198111-- | Triticum | aestivum (L. | Grandal | 19810714 | Lugo | Baleira | Corneas |
| + | NC012010 | ESP004 | BGE003146 | 198111-- | Triticum | aestivum (L. | Trigo | 19810713 | Lugo | Cervantes | Vilarello |
| + | NC012011 | ESP004 | BGE003147 | 198111-- | Triticum | aestivum (L. | Trigo do rego | 19810717 | La Coruña | Toques | Montelen, Parac |
| + | NC012012 | ESP004 | BGE003148 | 198111-- | Triticum | aestivum (L. | Serodio | 19810716 | Lugo | Antas de Ulla | Peibas |
| + | NC012013 | ESP004 | BGE003149 | 198111-- | Triticum | aestivum (L. | Trigo parron | 19810728 | Asturias | Cangas del Narcea | Limes |
| + | NC012020 | ESP004 | BGE003156 | 198111-- | Triticum | aestivum (L. | Serodio tremesino | 19810717 | La Coruña | Toques | Morouxosa, A C |
| + | NC012098 | ESP004 | BGE003236 | 198111-- | Triticum | aestivum (L. | | 19800708 | Pontevedra | A Estrada | Santeles |
| + | NC012099 | ESP004 | BGE003237 | 198111-- | Triticum | aestivum (L. | Trigo | 19810722 | La Coruña | Mañon | Rosario, As Gra |
| + | NC012100 | ESP004 | BGE003238 | 198111-- | Triticum | aestivum (L. | Trigo de santos | 19810720 | La Coruña | Mazaricos | Vioxo, Chacin |
| + | NC012101 | ESP004 | BGE003239 | 198111-- | Triticum | aestivum (L. | Serodio | 19810714 | Lugo | Castroverde | Riomol |
| + | NC012564 | ESP004 | BGE003538 | 198203-- | Triticum | aestivum (L. | | 19810922 | La Coruña | Camariñas | Brea, Xaviña |
| + | NC012565 | ESP004 | BGE003539 | 198203-- | Triticum | aestivum (L. | | 19810923 | La Coruña | Ponteceso | Campara, Cores |
| + | NC012566 | ESP004 | BGE003540 | 198203-- | Triticum | aestivum (L. | Trigo de campo del pais | 19810925 | Lugo | Vilalba | Noche, Rabilon |
| + | NC012567 | ESP004 | BGE003541 | 198203-- | Triticum | aestivum (L. | Trigo | 19810925 | Lugo | Vilalba | Mourence |
| + | NC012568 | ESP004 | BGE003542 | 198203-- | Triticum | aestivum (L. | Trigo de Agra | 19810923 | La Coruña | Coristanco | Arixon, Seavia |
| + | NC012569 | ESP004 | BGE003543 | 198203-- | Triticum | aestivum (L. | Trigo de campo | 19810925 | Lugo | Mondoñedo | Aspera, O Carr |
| + | NC012570 | ESP004 | BGE003544 | 198203-- | Triticum | aestivum (L. | Trigo del pais | 19810922 | La Coruña | Zas | Andragalla, Larr |
| + | NC012571 | ESP004 | BGE003545 | 198203-- | Triticum | aestivum (L. | Trigo do campo | 19810925 | Lugo | Cospeito | Rioaveso, Arque |
| + | NC012572 | ESP004 | BGE003546 | 198203-- | Triticum | aestivum (L. | Trigo de monte | 19810923 | La Coruña | Coristanco | Arixon, Seavia |
| + | NC012614 | ESP004 | BGE003589 | 198203-- | Triticum | aestivum (L. | Escanda | 19810930 | Asturias | Quiros | Villamarcel |
| + | NC012615 | ESP004 | BGE003590 | 198203-- | Triticum | aestivum (L. | Trigo | 19810928 | Asturias | Illano | El Pato |
| + | NC012616 | ESP004 | BGE003591 | 198203-- | Triticum | aestivum (L. | Trigo | 19810928 | Asturias | Illano | Cimadevilla |
| + | NC012617 | ESP004 | BGE003592 | 198203-- | Triticum | turgidum L. | Trigo | 19810929 | Asturias | Somiedo | La Peral |
| + | NC012632 | ESP004 | BGE003607 | 198203-- | Triticum | aestivum (L. | Trigo | 19810929 | Asturias | Belmonte de Miranda | Buenamadre |
| + | NC012633 | ESP004 | BGE003608 | 198203-- | Triticum | aestivum (L. | Trigo de monte | 19811004 | Lugo | Monterroso | Salgueiros |
| + | NC012634 | ESP004 | BGE003609 | 198203-- | Triticum | aestivum (L. | Trigo Grandal | 19811002 | Lugo | Navia de Suarna | Rao |
| + | NC012635 | ESP004 | BGE003610 | 198203-- | Triticum | aestivum (L. | Serodio | 19811002 | Lugo | Nequeira de Muñiz | Vilaseca |
| + | NC012636 | ESP004 | BGE003611 | 198203-- | Triticum | aestivum (L. | Trigo Grandal | 19811005 | Lugo | Sarria | Reboredo, Sete |
| + | NC012637 | ESP004 | BGE003612 | 198203-- | Triticum | aestivum (L. | Trigo tremesino | 19811004 | Lugo | Outeiro de Rei | Matela |
| + | NC012638 | ESP004 | BGE003613 | 198203-- | Triticum | aestivum (L. | Trigo | 19811003 | Lugo | O Corgo | San Estevo, Fol |
| + | NC012639 | ESP004 | BGE003614 | 198203-- | Triticum | aestivum (L. | Trigo Grandal | 19811004 | Lugo | Outeiro de Rei | Matela |
| + | NC012640 | ESP004 | BGE003615 | 198203-- | Triticum | aestivum (L. | Marcifo | 19811004 | Lugo | Monterroso | Salgueiros |
| + | NC012768 | ESP004 | BGE003744 | 198207-- | Triticum | aestivum (L. | Candael | 19820704 | Asturias | Albarcan | |

Registro: 1 de 3326 (Filtrado)

¿Información repetida?

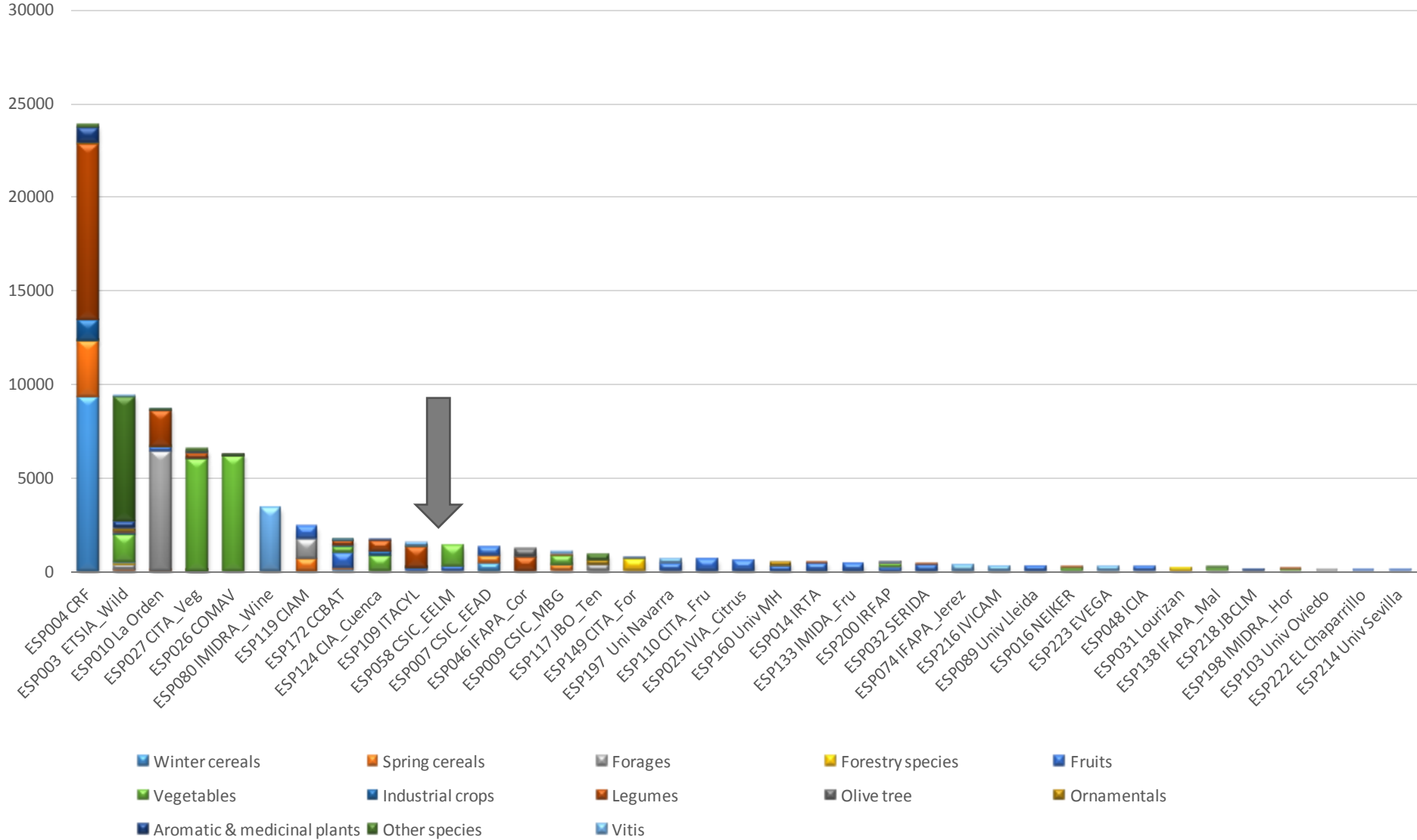
| PASAPORTE | ESTADO | NOMBAN | NUMBAN | FECADQ | NOMBA1 | NUMBA1 | FECAD1 | NOMBA2 | NUMBA2 | FECAD2 |
|-----------|--------|--------|-----------|----------|--------|-----------|--------|--------|-----------|--------|
| NC020020 | C | ESP004 | BGE046958 | 20140603 | | | | | | |
| NC020021 | C | ESP004 | BGE013228 | 199001-- | | | | | | |
| NC020022 | C | ESP004 | BGE022345 | 1993---- | ESP027 | BGHZ2878 | | | | |
| NC020023 | C | ESP004 | BGE031910 | 2000---- | ESP027 | BGHZ2476 | | ESP026 | BGV010334 | |
| NC020024 | C | ESP004 | BGE045762 | 20130529 | ESP027 | BGHZ5577 | | | | |
| NC020025 | C | ESP004 | BGE014476 | 199009-- | ESP026 | BGV010335 | | | | |
| NC020026 | C | ESP004 | BGE021314 | 1993---- | ESP027 | BGHZ0983 | | ESP026 | BGV010336 | |
| NC020027 | C | ESP004 | BGE022173 | 1993---- | | | | | | |
| NC020028 | C | ESP004 | BGE013276 | 199001-- | ESP027 | BGHZ0389 | | ESP026 | BGV010337 | |
| NC020029 | E | | | | | | | | | |
| NC020030 | C | ESP004 | BGE014430 | 199009-- | ESP026 | BGV010338 | | | | |
| NC020031 | C | ESP004 | BGE014426 | 199009-- | ESP027 | BGHZ0966 | | ESP026 | BGV010339 | |
| NC020032 | E | | | | | | | | | |
| NC020033 | C | ESP004 | BGE044563 | 20120326 | ESP027 | BGHZ5143 | | | | |
| NC020034 | C | ESP004 | BGE014448 | 199009-- | ESP026 | BGV010340 | | | | |
| NC020035 | C | ESP004 | BGE013383 | 199002-- | ESP026 | BGV008691 | | ESP027 | D-000474 | |
| NC020036 | C | ESP004 | BGE015441 | 199012-- | ESP026 | BGV010341 | | | | |
| NC020037 | C | ESP004 | BGE020783 | 1992---- | | | | | | |



Colaboración del Servicio de Informática del INIA

Red Española de Conservación *ex situ* de RFs

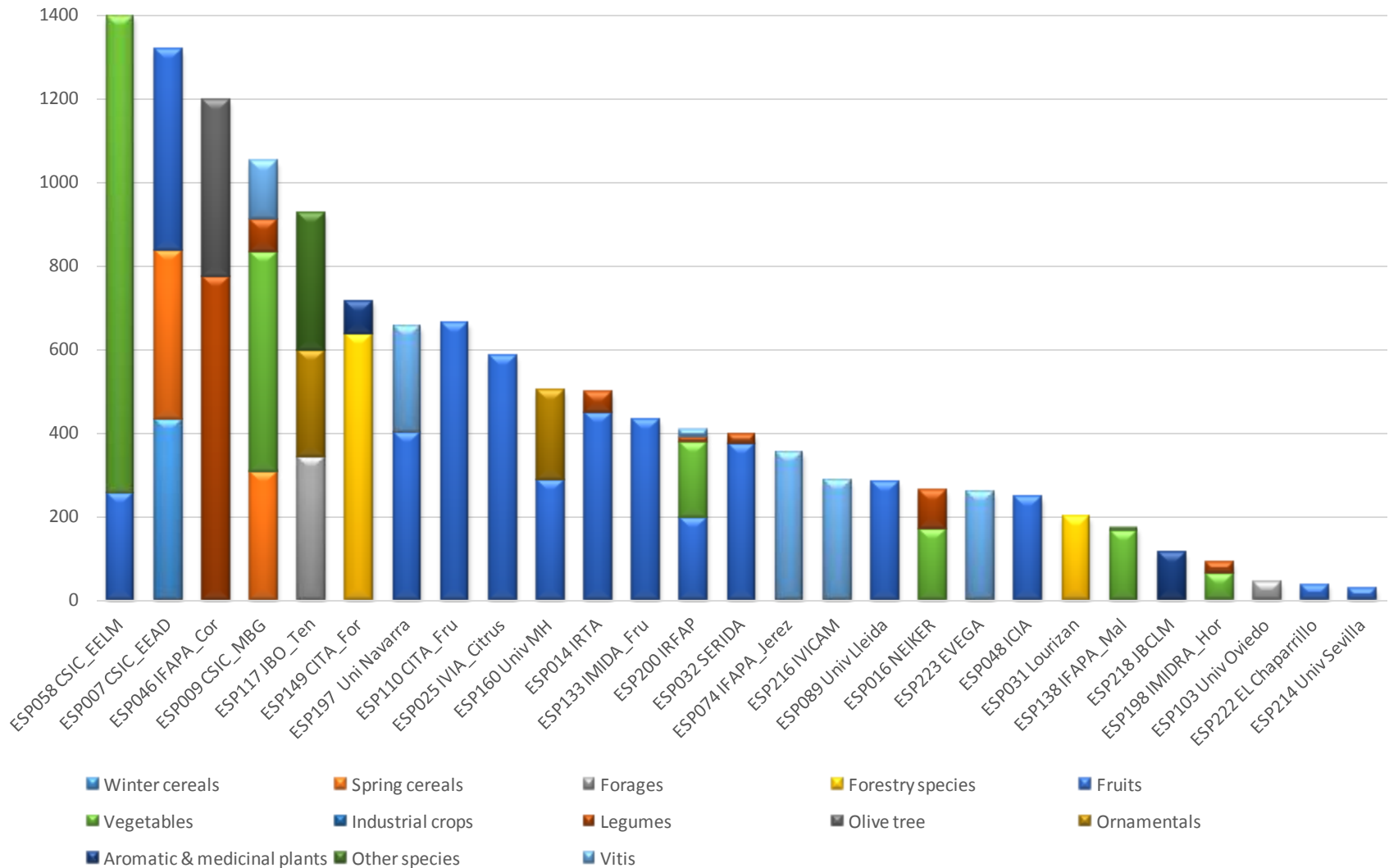
CRF-INIA



Red Española de Conservación *ex situ* de RFs

CRF-INIA

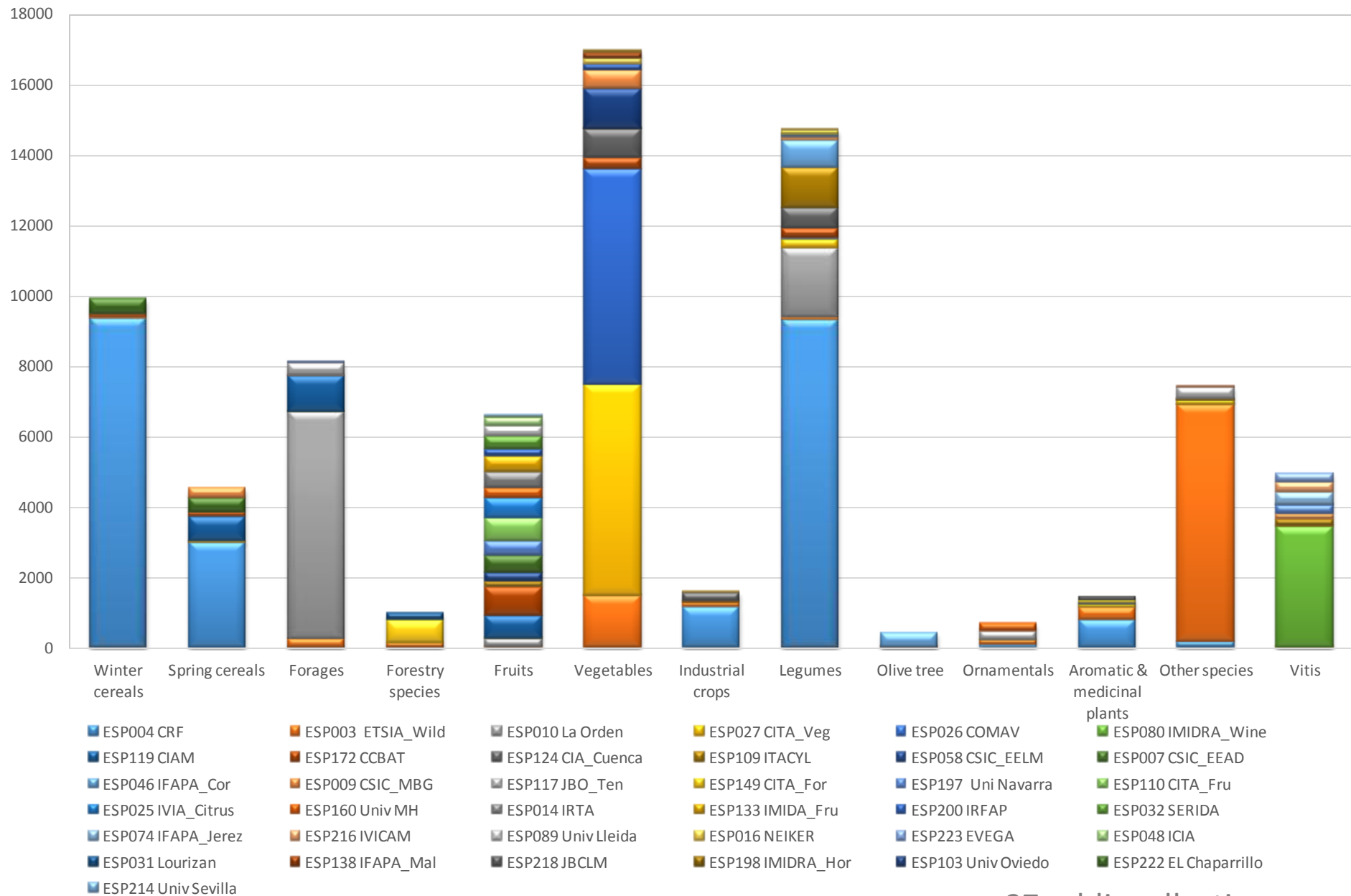
1600



El Inventario nacional de RFs en números

| | | | |
|-------------------------|------------------------------------|-------|--------|
| Total Accessions number | | 87487 | 100% |
| Conserved material | Seeds | 74466 | 85% |
| | Field collection / <i>in vitro</i> | 13021 | 15% |
| Taxonomy | Number of genus | 1029 | |
| | Number of species | 4025 | |
| | 20 first species | 42745 | |
| | 100 first species | 69435 | |
| N. CWR | Crop wild relatives | 14272 | 16,30% |
| N. Countries of origen | | 141 | |
| Country of origen Spain | | 63631 | 72,70% |
| Spanish landraces | | 39675 | 45,30% |

El Inventario nacional de RFs en números



37publiccollections

<http://wwwx.inia.es/inventarionacional>

<http://wwwx.inia.es/inventarionacional/Introduccioneng.asp>



Inventario Nacional de Recursos Fitogenéticos



Contact



Participating Institutions

Introduction

Passport Data

Characterization Data

Bibliography

SIERFE

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.



Stop Slides

Updated February 2015 **2 7 1 2 6**

OBTENCIÓN DE MUESTRAS

DATOS DE PASAPORTE

DATOS DE GESTIÓN

DATOS DE CAR/EVAL

**DONACIONES EXPEDICIONES
DUPLICADOS DE OTROS BANCOS**



RECEPCIÓN Y LIMPIEZA



DESECACIÓN (<7% de humedad)



CONTROL DE VIABILIDAD

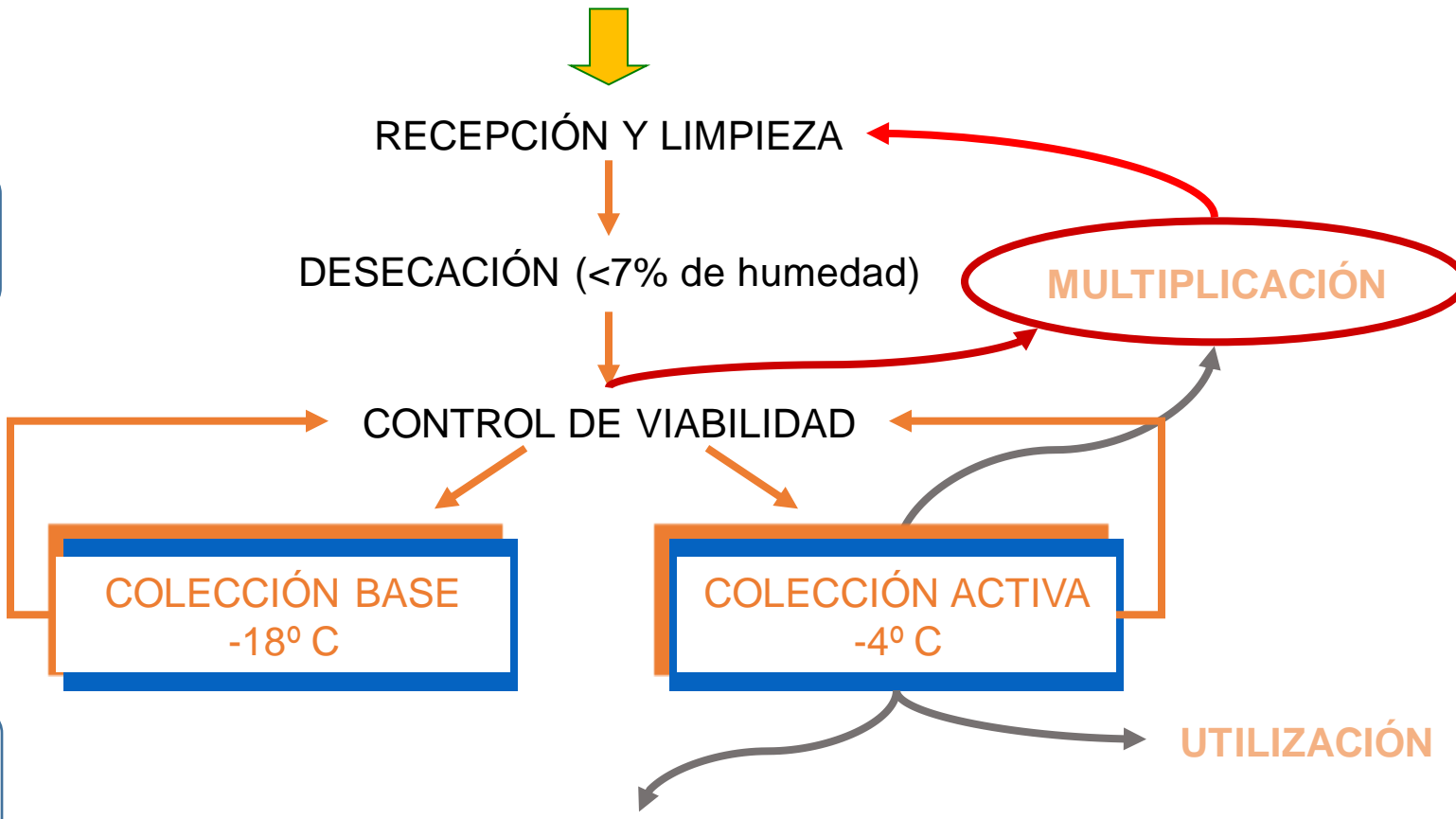
COLECCIÓN BASE
-18° C

COLECCIÓN ACTIVA
-4° C

MULTIPLICACIÓN

UTILIZACIÓN

CARACTERIZACIÓN Y EVALUACIÓN



Información de gestión del banco

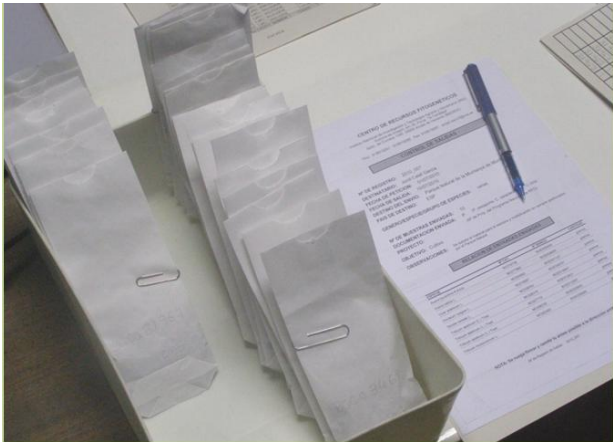


CONSERVACIÓN

MULTIPLICACIÓN
REGENERACIÓN



DISTRIBUCIÓN DE
MATERIAL



Datos de conservación: tipos de colecciones

| NUMBAN | LOCA | P100SA | FA | PA | GA | LOCB1 | P100SB1 | FB1 | PB1 | GB1 | LOCB2 |
|-----------|-------|--------|------|-----|-----|--------|---------|------|-----|-----|-------|
| BGE000001 | 171A1 | 4,70 | 1985 | 560 | 98 | C12A11 | 4,70 | 1985 | 339 | 99 | |
| BGE000002 | 171A1 | 4,10 | 1985 | 373 | 99 | C12A12 | 4,10 | 1985 | 352 | 98 | |
| BGE000003 | 171A1 | 2,80 | 1980 | 288 | 97 | C12A13 | 2,80 | 1980 | 331 | 99 | |
| BGE000004 | 171A1 | 4,00 | 2008 | 472 | 99 | C12A14 | 4,00 | 2008 | 336 | 99 | |
| BGE000005 | 171A1 | 3,60 | 1980 | 241 | 99 | C12A21 | 3,60 | 1980 | 289 | 98 | |
| BGE000006 | 178A1 | 3,12 | 1997 | 48 | 99 | C12A22 | 3,12 | 1997 | 308 | 99 | |
| BGE000007 | 171A1 | 3,70 | 1985 | 40 | 99 | C12A23 | 3,70 | 1985 | 334 | 94 | |
| BGE000008 | 171A1 | 3,22 | 2007 | 340 | 98 | C12A24 | 3,22 | 2007 | 320 | 98 | |
| BGE000011 | 171A1 | 2,67 | 2008 | 318 | 99 | C12A31 | 2,67 | 2008 | 326 | 99 | |
| BGE000012 | 171A1 | 3,37 | 2008 | 511 | 98 | C12A32 | 3,37 | 2008 | 330 | 98 | |
| BGE000013 | 171A1 | 3,70 | 1980 | 257 | 88 | C12A33 | 3,70 | 1980 | 329 | 96 | |
| BGE000014 | 171A1 | 3,60 | 1985 | 535 | 95 | C12A34 | 3,60 | 1985 | 336 | 99 | |
| BGE000015 | 171A1 | 3,80 | 1985 | 442 | 100 | C12A41 | 3,80 | 1985 | 329 | 98 | |
| BGE000016 | 171A2 | 3,70 | 1985 | 489 | 100 | C12A42 | 3,70 | 1985 | 330 | 97 | |
| BGE000017 | 171A2 | 4,21 | 2008 | 525 | 96 | C12A43 | 3,60 | 1985 | 325 | 99 | |
| BGE000019 | 171A2 | 2,80 | 2014 | 390 | 96 | C12A44 | 2,80 | 2014 | 331 | 96 | |
| BGE000020 | 171A2 | 3,10 | 1985 | 538 | 97 | C12A51 | 3,10 | 1985 | 330 | 98 | |
| BGE000021 | 171A2 | 2,50 | 1985 | 573 | 99 | C12A52 | 2,50 | 1985 | 355 | 98 | |
| BGE000022 | 171A2 | 3,70 | 1998 | 496 | 98 | C12A53 | 3,70 | 1998 | 383 | 98 | |

localización en
las cámaras

fecha de
introducción

cantidad de
semillas

germinación al
entrar

Datos de intercambio de material

| NRE_S | TIPO SAI | DESTINATARIO | EMAIL | PETICION | SALIDA | INSTITUCION | TIPO DE | PAI | DIRECC_D | MATERIA | MUESTRA | DOCUMENTO | OBJE |
|----------|----------|--------------------|-----------------|------------|------------|--|---------|--------|-------------------|---------------|---------|-----------|------|
| 2014_088 | S | Lorenzo González | logonzalez@ara | 20/10/2014 | 31/10/2014 | Comité Aragonés Agricultura Ecológica | AAG | ESP | Edificio Censyra | Triticum spp | 4 P | | OTR |
| 2014_089 | S | Teresa Marcos | tmarcosp@inia | 20/10/2014 | 05/11/2014 | ESP004 | BGE | ESP | | Leguminosa | 200 P | | MUI |
| 2014_090 | S | Jean Yves Marc | jean-yves.marc | 20/10/2014 | | Université Paul Sabatier. Jardín botánico Henr | CIN | FRA | 2 Rue Lamarck | Triticum spe | 6 P | | EDU |
| 2014_091 | V | Isaura Martín | martin@inia.es | 27/10/2014 | 28/10/2014 | ESP004 | BGE | ESP | | Allium spp | 5 P | | MUI |
| 2014_092 | S | Antigona Garcia S | fornpaifigues@ | 30/10/2014 | 07/11/2014 | | AGR | ESP | Mas Bohigas s/ | Varios cerea | 10 P | | CUL |
| 2014_093 | S | Agustín Meana | gusmeana.am@ | 30/10/2014 | 30/10/2014 | | PAR | ESP | | Secale cerea | 1 P | | MUI |
| 2014_094 | S | Rosario Fité | rfite@inia.es | 30/10/2014 | 31/10/2014 | ESP004 | CIN | ESP | | Aegilops neg | 2 P | | INV |
| 2014_095 | S | Isaura Martín; M | martin@inia.es | 04/10/2014 | 04/10/2014 | ESP004 | BGE | ESP | | Paeonia offi | 1 P | | MUI |
| 2014_096 | S | Leonardo Gomez | gomez.gomezle | 04/10/2014 | 07/10/2014 | | AGR | ESP | Calle Partida les | Triticum turq | 2 P | | CUL |
| 2014_097 | S | Miroslav Svec | misvec54@gma | 05/11/2014 | 07/11/2014 | Department of Genetics. Faculty of Natural Sc | CIN | SVK | Mlynská dolina | Secale mont | 1 P | | INV |
| 2014_098 | S | José María Carrill | josem.carrillo@ | 07/11/2014 | 13/11/2014 | ESP085 | CIN | ESP | Unidad de Gené | Fagopyrum e | 3 P | | EDU |
| 2014_099 | I | Juan Pérez Yépez | jperezye@ull.es | 11/11/2014 | 11/11/2014 | Universidad La Laguna Tenerife | CIN | ESP | Tenerife | Lotus cornic | P | | INV |
| 2014_100 | S | Maria Manuela V | mveloso.inrb@ | 11/11/2014 | | PRT005 | CIN | PRT | Quinta do Març | Vicia spp | 10 P | | INV |
| COD_M_S | GENERIC | ESPECI | NUMBAN | OTRONUI | OBS | SEMILLA | PESC | ORIGEI | | | | | |
| 48468 | Vicia | narbonensis | BGE001894 | | | | 15 | A | | | | | |
| 48467 | Vicia | narbonensis | BGE032017 | | | | 15 | A | | | | | |
| 48466 | Vicia | narbonensis | BGE011729 | | | | 15 | A | | | | | |
| 48465 | Vicia | faba | BGE010857 | | | | 15 | A | | | | | |
| 48464 | Vicia | faba | BGE019747 | | | | 15 | A | | | | | |
| 48463 | Vicia | faba | BGE001893 | | | | 15 | A | | | | | |
| 48462 | Vicia | faba | BGE010775 | | | | 15 | A | | | | | |
| 48461 | Vicia | faba | BGE022395 | | | | 15 | A | | | | | |
| 48460 | Vicia | faba | BGE002106 | | | | 15 | A | | | | | |
| 48459 | Vicia | faba | BGE003377 | | | | 15 | A | | | | | |

peticionario

objetivo
petición

muestras
suministradas

CARACTERIZACIÓN

Discriminación fácil y rápida entre fenotipos

EVALUACIÓN

Estudio de caracteres de alto valor agronómico

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 |

lugar

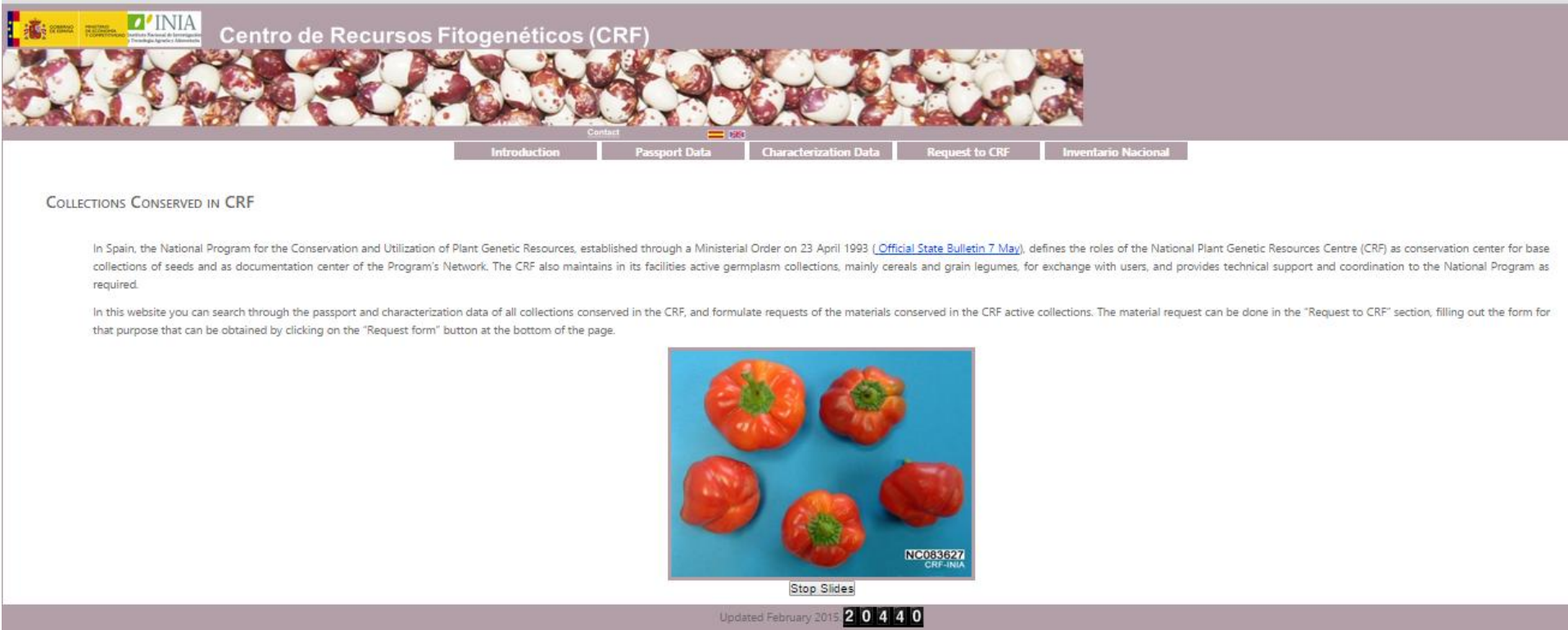
año

responsable

lista descriptores

<http://www.inia.es/coleccionesCRF/>

<http://www.inia.es/coleccionescrf/BancoCRFeng.asp>




Centro de Recursos Fitogenéticos (CRF)

Introduction Passport Data Characterization Data Request to CRF Inventario Nacional

COLLECTIONS CONSERVED IN CRF

In Spain, the National Program for the Conservation and Utilization of Plant Genetic Resources, established through a Ministerial Order on 23 April 1993 ([Official State Bulletin 7 May](#)), defines the roles of the National Plant Genetic Resources Centre (CRF) as conservation center for base collections of seeds and as documentation center of the Program's Network. The CRF also maintains in its facilities active germplasm collections, mainly cereals and grain legumes, for exchange with users, and provides technical support and coordination to the National Program as required.

In this website you can search through the passport and characterization data of all collections conserved in the CRF, and formulate requests of the materials conserved in the CRF active collections. The material request can be done in the "Request to CRF" section, filling out the form for that purpose that can be obtained by clicking on the "Request form" button at the bottom of the page.



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Updated February 2015 20440

Otras bases de datos on line: *Hordeum* core collection,
Phaseolus vulgaris core collection
Espigario

¿Cómo solicitar material a un banco de germoplasma?

Banco del CRF: formulario de solicitud:

<http://wwwx.inia.es/coleccionescrf/PeticionesCRF.asp>

Bancos del Programa nacional de RFs:

http://wwwx.inia.es/inventarionacional/Bus_inst.asp

Banco de CGN

<http://www.wageningenur.nl/en/Expertise-Services/Statutory-research-tasks/Centre-for-Genetic-Resources-the-Netherlands-1.htm>



GRACIAS POR SU ATENCIÓN