Vicia faba database
ECPGR meeting 7.05.2013

Gérard Duc, UMR 1347 Agroécologie, INRA, Dijon, France

✓ **EURVICIAFABA data base :**

an excel file on ECPGR website in 2007

12476 accessions / 28 collections

National Vicia faba collections identified in 2007
Survey by G. DUC coordinator ECPGR **survey 2007**

INSTCODE	COUNTRY	Location of collection	adress
AUTO11	Austria	BFL. Vienne	Institut für Pflanzenbau, BFL,Spargelfeldstrasse 191, PO Box 400 A-1226, Vienne;Autriche
BEL017	Belgium	U.Gent	Valgroep Plantaardige Produktie, University of Gent, Coupure Links 653, B-9000 Gent, Belgium
BGR001	Bulgaria	Inst.Plovdiv	IIPGR, District de Plovdiv, 4122 Sadovo, Bulgaria
CHE001	Swizerland	Inst.Changins	Swiss Federal Research station for Plant Production, Route de Duillier, BP 254, CH 1260, Nyon, Suisse
CHE063	Swizerland	PSR.St.Gallen	Prospecie Rara, Sortenzetrale, Postfach 95, 5742 Kölliken, Suisse
CHE075	Swizerland	SAVE, St Gallen	Safeguard for Agricultural Varieties in Europe, Schneebergstrasse 17, CH 9000, St Gallen, Suisse
CYP004	Cyprus	Inst.Cyprus	Agricultural Research Institute, PO Box 2016, 1516 Nicosia, Chypre
CZE090	Czech Rep.	Agritec, Sumperk	AGRITEC, Research, Breeding & Services, Ltd. Zemedelska 16, 78701, Sumperk, Czech Republic
CZE061	Czech Rep.	Inst.Prague	Research Institute of Crop Production, Genebank Working Place Olomouc, 783 71 Slechtitelu 11, Olomouc-Holice
DEU001	Germany	FAL.Braunschweig	BAZ Genebank of Institut für Planzenbau, Bundesallee 50, D-38116 Brauchweig, Germany
DEU358	Germany	Gatersleben	Genebank, IPK, Corrensstrasse 3, 06466 Gatersleben, Germany
ESP004	Spain	INIA.Madrid	Centro de recursos fitogeneticos, INIA, Autovia de Aragon Km 36, Aptdo 45. 28800 Alcarà de Henares. Madrid. Spain
ESP027	Spain	Germplasm.Zaragoza	Banco de Germoplasma de Horticultura, 50080 Zaragoza, Spain
ESP046	Spain	INIA.Cordoba	Centro de investigacion y formacion agraria, Alameda de Obispo, Aptdo 3092, 14080 Cordoba, Spain
FRA043	France	INRA-Dijon	SAP, INRA, BP 29, 35650 Le Rheu, France
GBR040	UK	NIAB.Cambridge	NIAB, Huntington road, Cambridge CB3 OLE, UK
GRC005	Greece	Gene Bank. Tessaloniki	Greek GeneBank, Agricultural Res. Center of Makedonia and Thraki, PO Box 311, 57001 Thermi, Thessaloniki, Greece
HUN003	Hungaria	Inst.Tapioszele	Institute for Agrobotany, Kulso mezo 15, H 2766, Tapioszelle, Hungaria
ISR002	Israel	Gene Bank.Bet Dagan	Israeli Gene Bank for Agricultural crops, The Volcani Center, PO Box 6, Bet-Dagan , 50250 Israel
ITA004	Italy	Gene Bank.Bari	Instituto del germoplasma, Via G. Amendola 165/A, 70126 Bari , Italy
NLD037	Netherland	CGR.Wageningen	Centre for genetic resources the Netherland (CGN) Plant research International BV PO Box 16 NL 6700AA Wageningen
POL003	Poland	Inst.Radzikow	Plant Breeding and Acclimatization Institute,Radzikov, 05-870 Blonie, Pologne
POL030	Poland	PGR.Skierniwice	Research Institute of Vegetable crops.Plant Genetic Resources.96-100 Skierniewice, Konstytucji 3 Maja 1/3, Poland
PRT001	Portugal	Inst.Oeiras	Genebank, Estaçào Agronomica Nacional. Quinta Do Marquês, 2780 OIERAS, Portugal
RU	Russia	VIR.St Petersburgh	VIR, NI Valivov Research Inst. of Plant Industry, 42 Bolshaya Morskaya Str. 190000 St Petersberg. Russia
SWE002	Sweden	Gene Bank. Alnarp	Nordi Gene bank, PO Box 41, S-230 53 Alnarp, Sweden
TUR001	Turkey	ETAE.Izmir	Directorate of Agean Agricultural research Institute, PO Box 9, Menemen, Izmir, 35661, Turkey
UKR001	Ukrania	Inst.Kharkov	Yurjev Institute of Plant Breeding, 61060 Moskovsky prospect, 142 Kharkiv, Ukrania
TOTAL		**28 collections**	

✓ Proposal for 2013-2015

1- Updating accessions and passport data of old and new collections (JIC UK, …)

2- Enrichment with phenotypic data when available

3- Preparation of molecular markers data collect

Programme developping Kaspar markers
A. Cottage • K. Gostkiewicz • J. E. Thomas •
R. Borrows • A.-M. Torres • D. M. O'SullivanMol Breeding (2012) 30:1799–1809
DOI 10.1007/s11032-012-9745-4

4- need of a website access for data (ECPGR, INRA,..)

Bioversity international, 2009_Key access and utilization descriptors for faba bean genetic resources

PLANT DATA

Growth habit (4.1.1)		1 Determinate, i.e. stems with TI	2 Semi-determinate, i.e. without TI	3 Indeterminate
Branching from basal nodes (4.1.4)				
Plant height [cm] (4.1.6)	Measured at near maturity from ground to the tip of the plant. Average of 10 plants			
Resistance to lodging (6.1.5)			3 Low	5 Medium / 7 High

Days to flowering (4.2.1)	Number of days from sowing until 50% of plants have flowered. However, in dry land areas where planting occurs in dry soils, it is counted from the first day of rainfall or irrigation which is sufficient for germination
Days to pod maturity (4.2.2)	Number of days from sowing until 90% of the pods have dried. See 4.2.1 for planting in dry soils

Flower ground colour (4.2.3)	Ground colour of standard petal (flag)	1 White	2 Light brown	3 Dark brown	4 green	5 Violet	6 pink	7 Red	8 Yellow	9 Grey	10 Black	99 Other
Wing petal colour (4.2.5)		1 Uniformly white	2 Uniformly coloured	3 Spotted								99 Other

Pod angle/attitude at maturity (4.2.6)	1 Erect	2 Horizontal	3 Pendent								99 Other
Pod shattering (6.2.5)	0 Non-shattering (wrinkled-pod type)	1 Shattering									
Pod length [cm] (4.2.10)	Mean of five dry pods										
Number of seeds per pod (4.3.2)	Mean of five dry pods										
Number of flowers per node (6.2.X)											
Seed biomass/plant	Seeds biomass / plant	classes									

SEED DATA

100-seed weight [g] (4.3.3)												
Ground colour of testa (seed coat) (4.3.4)	Observed immediately after harvest (within one month after harvest)	1 White	2 Light brown	3 Dark brown	4 green	5 Violet	6 pink	7 Red	8 Yellow	9 Grey	10 Black	99 Other
Seed shape (4.3.6)		1 Flattened	2 Angular	3 Round								99 Other
Hilum color		1 colourless	2 black									

Protein% when available

LEGUMBASE

You can access to our genebank data legumbase : http://195.220.91.17/legumbase/

INRA Legum Base

Login

Home

Target
- All
- *M. truncatula*
- *Pisum* sp.
- *Vicia faba*
- *Lupinus* sp.

Data
- Genotype
- Lot
- Annotation
- Publication

Resources
- Documentation
- Links
- Legal mentions and Copyright

Welcome to LegumBase

LegumBase is an application aimed at enhancing the legums collections of scientific and heritage interest. It is developed in the frame of two centres for genetic resources.

It fulfills two objectives :

- To create **a genotype index** to make the exchanges between labs easier and,
- To provide a **secure tool for the internal management** of the genotypes of the labs.

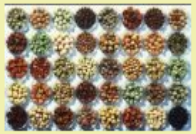
Welcome !

To access to private data, please ask a login to the Webmaster.

You forgot your password ? Don't worry !

Mail the Webmaster

Last modification : 10/13/09 | Director of publication : Richard Thompson UMR-LEG | Webmaster : Christine Le Signor UMR-LEG | Contributors | FIREFOX



Genotype - Search

Legum Base

Login

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Target
- All
- *M. truncatula*
- *Pisum* sp.
- *Vicia faba*
- *Lupinus* sp.

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Search | Details

Exact	Genotype Name	Type	Biological Status	Species	Lab
☐		breeding genotype			

Search | Advanced Search | Export Select | Reset

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☐	▼ Genotype Name	Type	Biological Status	▼ Species	▼ Lab
☐	ALASKA DOT	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA DWARF	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA EARLIEST OF ALL	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA GATERS	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA HUDSON	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA LABRADOR	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA LILASKA	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA M 163	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA MULTIPODS	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA NEBRASKA	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA SWEET	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALASKA TEZIER	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	ALDERMAN	breeding	Traditional landrace	*P. sativum*	UMR LEG
☐	ALDERMAN IMPROVED	breeding	Advanced/ improved cultivar	*P. sativum*	UMR LEG
☐	[illegible]	[illegible]	[illegible]	*P. sativum*	UMR LEG
☐	[illegible]	[illegible]	[illegible]	*P. sativum*	UMR LEG

Note the change of name of INRA Unit

UMR Agroecologie , INRA Dijon

G. Duc, JB Magnin-Robert,

Thank you !,