Romanian National Inventory

Cezar Ciobăniței – Suceava Genebank
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Banca de Resurse Genetice Vegetale Suceava

Website presentation

Reason Information Intranet Contact

History

HOW HAS SUCEAVA GENEBANK COME INTO EXISTENCE?

In Romania, the collecting and conservation of the vegetal genetic material has started at the same time with scientific breeding activity, but these activities have outlined their systemic character, oriented to genetic conservation of vegetal resources for food and agricultura simultaneously with establishing the Suceava Genebank. Under dr. ing. Mihai Cristea's lead, the design of the genebank has started in 1982, and the building has begun in 1985, the project being done following a solid documentation in a couple of modern genebanks for that time. The construction has been developed in two stages: in 1987 the laboratories have been built, and in 1988 the conservation cells have been built as well.

Dr. ing. Mihai Cristea

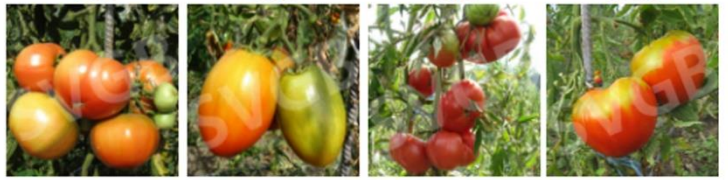
During 1987-1990, the genebank has run like a specialized laboratory in the field of plant genetic resources, in the frame of Suceava Agricultural Research-Development Station.

Formular solicitare de probe (semințe)

PERMITE ACCESUL PERSOANELOR FIZICE LA FORMULARUL DE CERERE SEMINȚE DE LA BANCA DE RESURSE GENETICE VEGETALE SUCEAVA.

Speciile de plante disponibile sunt:

Tomate mari roșii var.1 | Tomate mari roșii var.2 | Tomate mari roșii var.3 | Tomate roșii Inimă de bou



Tomate roz Inimă de bou | Tomate portocalii | Tomate galbene mici în formă de pară | Tomate cherry rotunde

Tomate cherry ovale | Tomate mici rotunde | Ardei gras | Ardei - gogoșari

Ardei - kapia | Ardei pentru boia, iute | Ardei iute, clasic | Ardei iute, gogoșărel

Banca de Resurse Genetice Vegetale Suceava

Projects presentation

Proiectul ADER 3.1.4.

Încheiat în cadrul Planului sectorial pentru cercetare-dezvoltare din domeniul agricol și de dezvoltare rurală al Ministerului Agriculturii și Dezvoltării Rurale, pe anii 2015-2018, Agricultură și Dezvoltare Rurală - ADER 2020

ADER 3.1.4.

INFORMAȚII GENERALE

1. TITLUL PROIECTULUI: Regenerarea, multiplicarea și caracterizarea unor varietăți locale legumicole, cu caracter unic.

Projects

A LIST OF SELECTED PROJECTS

- Collecting of cultivated and crop wild relatives genetic resources and characterisation of selected genotypes, in China and Romania (2013 – 2014)
- Identification of tolerant traditional vegetable genotypes to thermic, hydric and biotic stress, and that are suitable for biological and conservative agricultural systems (2011 – 2014)
- Collecting local landraces of maize and small grain cereals (wheat, barley, rye, oat, millet and buckwheat) in South Eastern Europe (2009 – 2010)

	ID	Genul	Specia	Autorul	Subtaxa	Subautorul	Denumirea instituției partenere	Numele si prenumele responsabilului de proiect/specie	Data semănatului	Densitatea la semănat (Nr. plante/mp)	Aplicarea îngrășămintelor (denumire/doze)	Sistemul reproducător (metoda/tehnica de izolare)	Număr intrare	Nr. câmp	Număr plante viabile/m2
Edit Delete Select	1	Lactuca	sativa	L.			BRGV Suceava	Giurcă Dan Mihai	23.03.2016	100	s.a. N 150 kg/ha	Celule de sera separate	SVGB-14285	1	7
Edit Delete Select	2	Lactuca	sativa	L.			BRGV Suceava	Giurcă Dan Mihai	14.04.2016	100	s.a. N 150 kg/ha	Celule de sera separate	SVGB-14287	3	18
Edit Delete Select	3	Lactuca	sativa	L.			BRGV Suceava	Giurcă Dan Mihai	23.03.2016	100	s.a. N 150 kg/ha	Celule de sera separate	SVGB-14291	5	7
Edit Delete Select	4	Lactuca	sativa	L.			BRGV Suceava	Giurcă Dan Mihai	23.03.2016	100	s.a. N 150 kg/ha	Celule de sera separate	SVGB-14955	7	10
Edit Delete Select	5	Lactuca	sativa	L.			BRGV Suceava	Giurcă Dan Mihai	23.03.2016	100	s.a. N 150 kg/ha	Celule de sera separate	SVGB-13336	9	15
Edit Delete Select	6	Lactuca	sativa	L.			BRGV Suceava	Giurcă Dan Mihai	23.03.2016	100	s.a. N 150 kg/ha	Celule de sera separate	SVGB-14276	10	25
Edit Delete Select	7	Lactuca	sativa	L.			BRGV Suceava	Giurcă Dan Mihai	14.04.2016	100	s.a. N 150 kg/ha	Celule de sera separate	SVGB-14277	12	12
Edit Delete Select	8	Lactuca	sativa	L.			BRGV Suceava	Giurcă Dan Mihai	23.03.2016	100	s.a. N 150 kg/ha	Celule de sera separate	SVGB-14279	14	4
Edit Delete Select	9	Lactuca	sativa	L.			BRGV Suceava	Giurcă Dan Mihai	14.04.2016	200	s.a. N 150 kg/ha	Celule de sera separate	SVGB-13179	16	71
Edit Delete Select	10	Lactuca	sativa	L.			BRGV Suceava	Giurcă Dan Mihai	14.04.2016	100	s.a. N 150 kg/ha	Celule de sera separate	SVGB-14956	17	6

is L.) Populations: A
rces (2009 – 2010)

Trifolium pratense L.,
is glomerata L. (2009

e germplasm (2008 –

sources in the North
2009)

ı (2007 – 2010)

Trifolium pratense L.

tern areas of Romania

- National Inventory has about 44.000 accessions
- Suceava GeneBank has almost 20.000 accessions
- Eurisco – about 23.700 accessions

We upload only passport data for the moment.

Romania National Inventory is „suffering” from lack of information of the accessions that we receive from the other romanian research institutes – the reason we apply so much filters on it and upload such a few accessions from other research institutes to Eurisco.

Last 3 years – worked for improvement of data quality by implementing the Eurisco descriptors and adapting the data to it and correcting our internal errors about taxonomy, gps, etc.

My goal in the next 2 years is to create a new tool to generate National Inventory data into the file I upload to Eurisco.

(the tool I'm using now gives me a lot of errors and I end up doing much of the file compilation manually)