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National Institute of Research and Development for Potato and Sugar Beet (NIRDPSB) Brasov, ROMANIA

General data regarding the agriculture in Romania

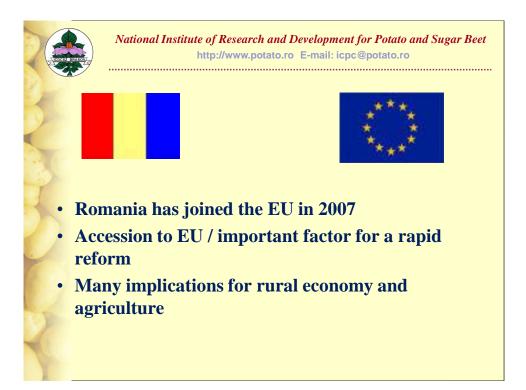


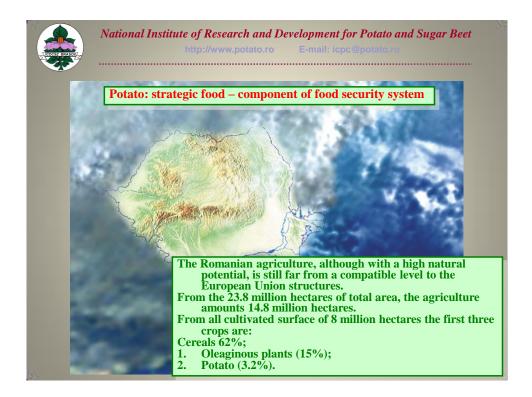
Romania is situated in the South-East part of Europe, at the intersection of principal axis of communication North-South and East-West.

With a total area of 238391 km², almost as large as United Kingdom (244100 km²), Romania is the ninth largest country in an enlarged European Union with 27 members states.

It represents 5.4% from area and 4.7% from the EU population (MARD, 2011).



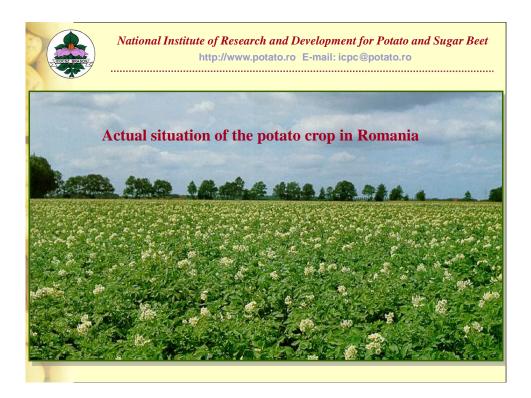






SHARE OF AGRICULTURE IN GDP (2007-2011) (thousands lei)

GDP	2007	2008	2009	2010	2011
Total	412761	335176	491274	348020	578552
Agriculture, forestry and hunting	23454	23966	30768	20817	37838
% GDP	5.7	7.2	6.3	6.0	6.5



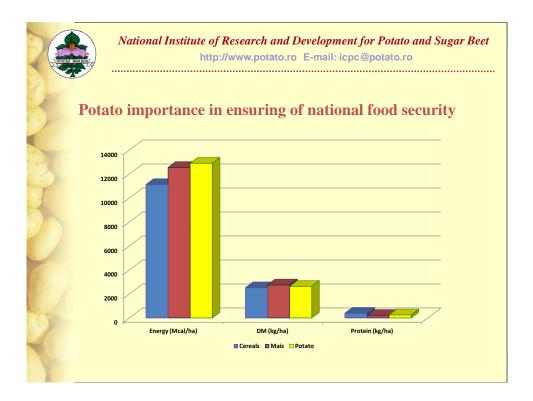


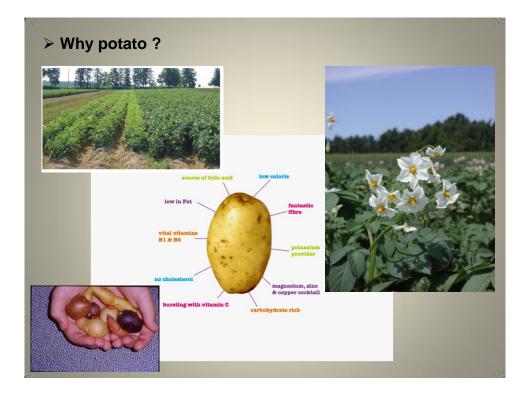
Potato has a relatively long tradition in Romanian

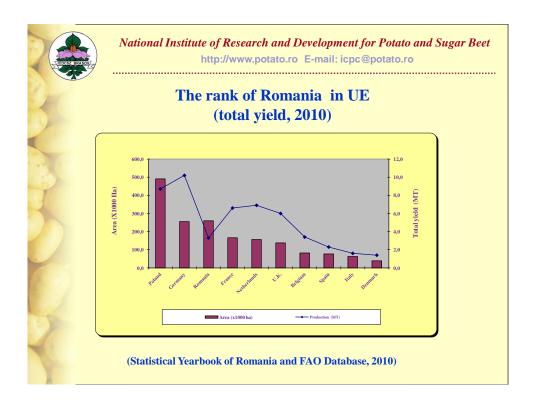
Practical Knowledge for potato crop - 1760.
After a severe famine (1800's) "CARTOFUL" was promoted as a staple food crop.
2012 – Potato is still the country's "second bred".

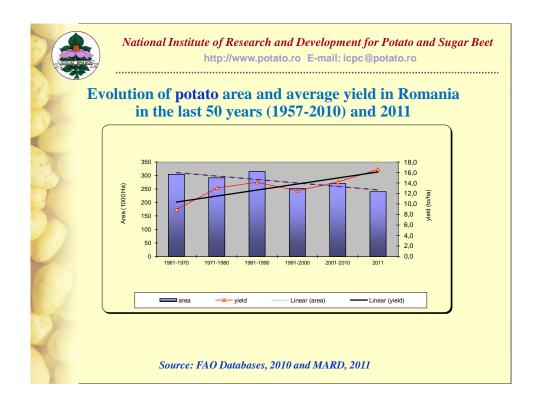
Excepting the years 1970-1990 when the surfaces were concentrated in an industrial system of cultivation, both anterior periods and present had prevailing in potato culture the small plots dimensions.

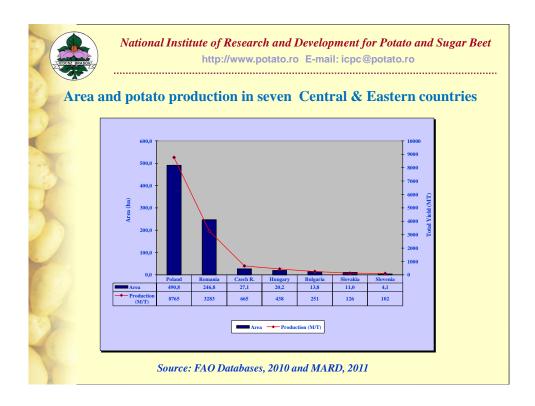














Limiting factors in potato production

- > Reduced size of agricultural exploitations;
- > Sanitary quality of planting material;
- > Poor supply of financial sources for potato growers;
- Low education level of potato growers;
- > The climatic conditions of last years.



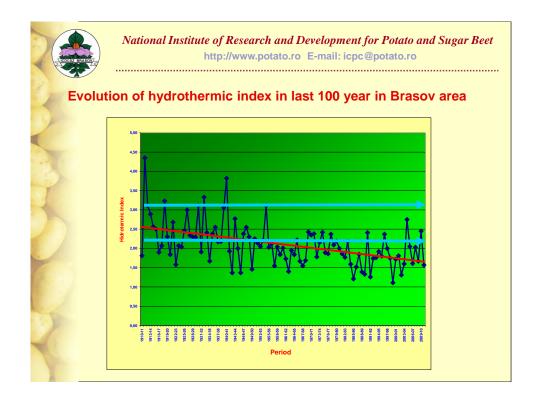


National Institute of Research and Development for Potato and Sugar Beet http://www.potato.ro E-mail: icpc@potato.ro

The reduced sizes of land areas (2010)

Agricultural exploitation type	Number of landowners	Potato surface average (ha)
Individual growers	2261000	0.3
Family associations	1197	13.7
Companies	498	25.6
Research-development units	5	86.0

Source: MARD, 2010

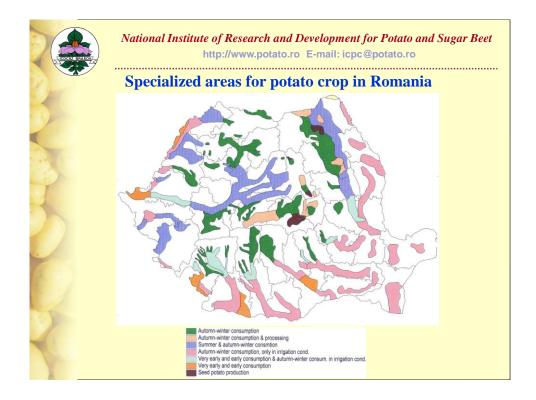


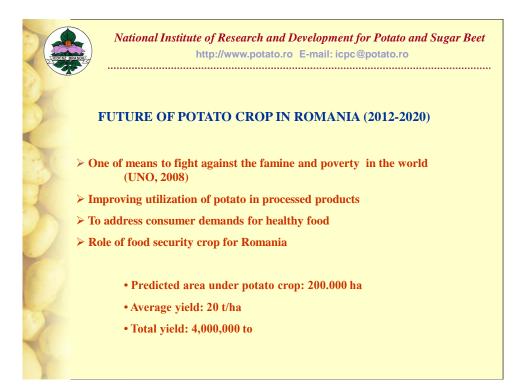
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Evolution of potato crop in seven Central & Eastern countries (2000-2010)

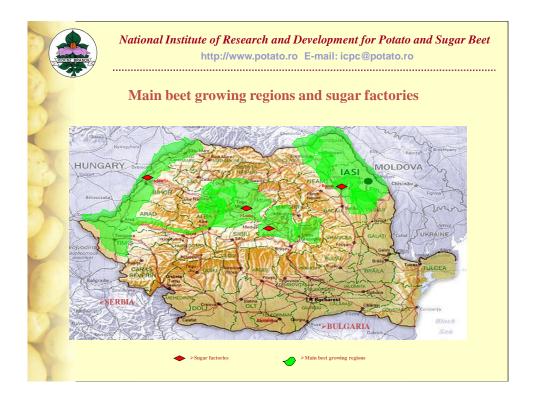
		Area (ha x 1000)			Total Yield (t x 1000)				
	Country	Average 2000-2010	2010	Difference	%	Average 2000-2010	2010	Difference	%
	Poland	733.76	490.85	242.91	67	13358.04	8765.96	4592.08	66
	Romania	271.48	246.80	24.68	91	3829.61	3283.87	545.74	86
	Czech R.	38.53	27.10	11.43	70	906.34	665.20	241.14	73
1	Hungary	29.16	20.42	8.74	70	668.99	439.89	229.10	66
2	Bulgaria	30.36	13.80	16.56	45	413.15	251.10	162.05	61
	Slovakia	20.13	11.00	9.13	55	312.72	125.90	186.82	40
	Slovenia	6.20	4.12	2.08	66	133.38	101.20	32.18	76

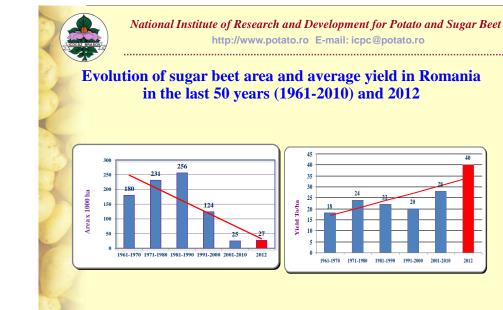
Source: FAO Databases, 2010 and MARD, 2011



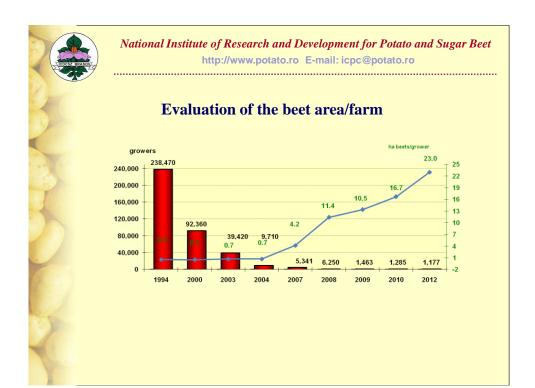




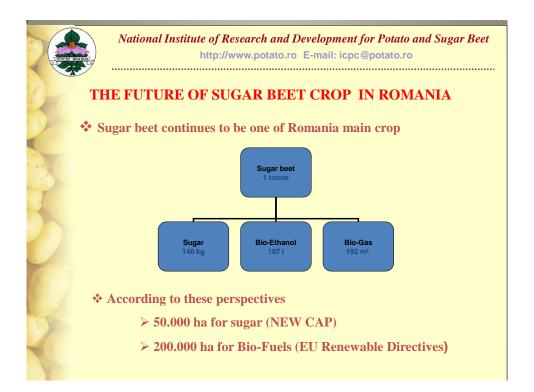




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ETHANOL PRODUCTION

Сгор	Yield (t/ha)	Ethanol production (m ³ x 1000 / ha)
Wheat	7,2	2,76
Potato	4,3	3,55
Sugar beet	61,7	6,62



