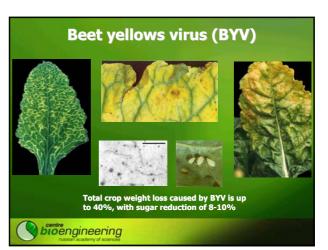


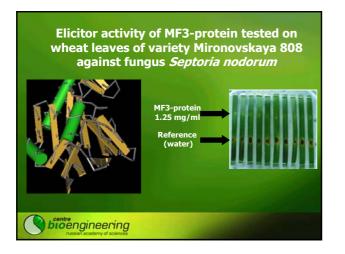
		ses* in on, 20		ssia	n			
	Gross	weeds		pests		viruses		Total
Crops	yield, thousand tons	losses, thous. tons	%	losses, thous. tons	%	losses, thous. tons	%	%
Wheat	63800	11484	18	8294	13	4466	7	31
Sunflower	7400	1406	19	1406	19	-	-	38
Sugar beet	29000	7830	27	3190	11	2900	10	48
Potatoes	28800	4608	16	3456	12	4320	15	43
Corn (for grain)	6700	1340	20	1005	15	-	-	35
Canola	752	128	17	150.4	20	-	-	37
		e of Russian Fed navigation/doc				n Ministry	of Agrie	<u>culture,</u>

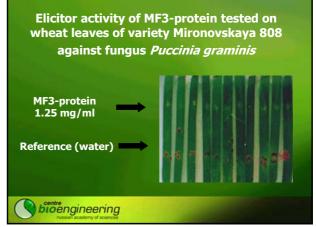


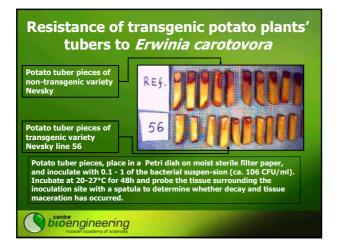




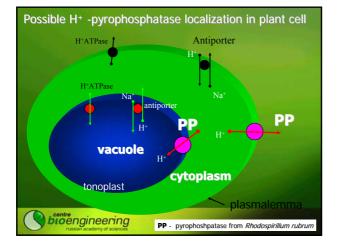


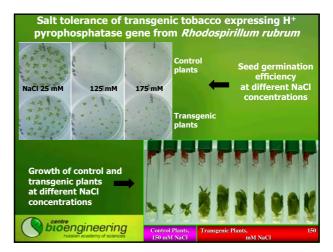






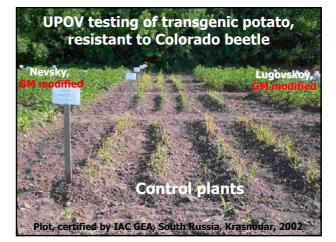


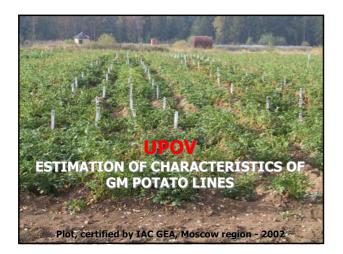




Development of Russian potato varieties, resistant to Colorado beetle

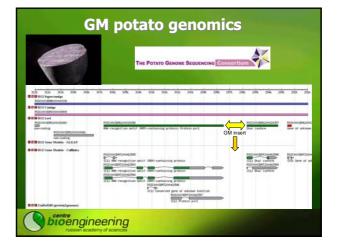
(bioengineering





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# 77.99.26.11.У.608	38.7.06 (07 July 2006)		Lugovskoy 1210 amk event		
# 77.99.11.11.Y.14	145.12.05 (14 December 2	005)	5) Elizaveta 2904/1 kgs event		
	Pat	ent	S		
# AND DATE OF PRIORITY	THE REGISTRATION DATE		ISSUE		
# 2231550 24 April 2002	27 June 2004	obt	obtain GM plants of Lugovskoy variety		
# 2231549 24 April 2002	27 June 2004	obt	obtain GM plants of Nevskiy variety		
# 2231251 27 June 2004	27 June 2004 ob		btain GM plants of Elizaveta variety		
# 2286385 23 November 2004	27 October 2006 Re Eli tra		ecombinant DNA sequence including lizaveta variety genome plant DNA and ansgenic insert		
# 2286386 14 February 2005	27 October 2006	Nev	Recombinant DNA sequence including Nevskiy variety genome plant DNA and transgenic insert		
# 2007110779 26 March 2007	007110779 March 2007		Recombinant DNA sequence including Lugovskoy variety genome plant DNA and transgenic insert		

Evolution of the regulatory framework in Russia (genetic engineering)				
1996	Federal law "On State regulation of genetic engineering activity"			
2000	Amendments in respect of gene therapy and genetic diagnostics to Federal law "On State regulation of genetic engineering activity"			
2000	Instruction by the RF Chief State Sanitary Physician : "On the order of hygienic expertise of food products, derived from GMOs"			
2001	Government Act "On state registration of GMOs", Non upgraded till now			
2002	Government Act "On state registration of GM feed", upgraded 2006			
2002	"On protection of natural environment" (2002)			
2003	The order by the RF Chief State Sanitary Physician : "On the order of microbiology molecular-genetic expertise of GM microorganisms, used in food production"			
2005	Federal act "On protection of consumer's rights", amended in 2007, 2008			
2010	Amendments in respect of state registration of GMOs to Federal law "On State regulation of genetic engineering activity"			
2004 - now	Ongoing technical regulation reform. Ongoing administrative reform.			

Russian Federation: Biotech food labeling

Abeling law" (2002, 2007) •First step: September 2002- Sanitary and Epidemiol. Rules 2.3.2 1078-01 2002 – Mandatory labeling. 5% threshold.

 Second step: Sept 2007 - Sanitary and Epidemiol. Rules
Mandatory labeling for product consists of, contains or is produced from GMOs. 0.9% threshold (ingredients considered individually)

•Mandatory labeling for product is produced from GMOs irrespective of the detectability of DNA

•Adventitious presence if transformation events are no more than 0,9% weight

bioengineering

Russian Federation: Biotech feeds

Thresholds for unintended or technically unavoidable presence of GMO's in Feeds

of Federal Service for Veterinary and Phytosanitary Serveillance (FS-AS-2/4393 of 07 May 2008) >0.5% or less of each unregistered GMO component, and - of each registered GMO Feed containing unintended or technically unavoidable amount of GMO's ar bioengineering

