

## Testing Results for GE rice in China

All samples were collected in Hubei Province, China. Samples include:

- Rice seeds: suspected GE rice seeds were collected from local seed companies, agriculture extension station and farmers in Hubei Province, China.
- Unmilled rice: suspected GE rice in unmilled form were collected from farmers in villages in Hubei province.
- Milled rice: suspected GE rice in milled form were collected from farmers, rice millers and rice wholesale and retailing markets in Hubei province.

Samples were collected and kept in their original packages. Samples which did not come with original package (e.g. rice bought from farmers) were kept in previously unused plastic bags after they were bought. All samples were stored at room temperature. Samples were then milled separately, stored in separate sealed plastic container and sent to Genescan Analytics GmbH for analyses.

Laboratory test results for rice samples									
Sample no.	Sample description	Source of sample	Date of collection	DNA tests <sup>1</sup>			Protein tests <sup>2</sup>		
				35S	NOS	GE rice?	Bt Cry1Ab	Bt Cry1Ac	Bt rice?
FR0502519	Packaged rice seed ("Anti-pest Shanyou 63")	Agriculture extension station in Wangjiaqiao Town, Songzi City	4/2/2005	x	✓	<b>YES</b>	x	✓	<b>YES</b>
FR0502520	Packaged rice seed ("Anti-pest Jinyou 63")	Agriculture extension station in Wangjiaqiao Town, Songzi City	4/2/2005	✓	✓	<b>YES</b>	x	✓	<b>YES</b>
FR0504484	Unpackaged rice (produced in Jiangxia)	Rice vendor in Fujiapo wet market, Wuhan City	18/3/2005	x	✓	<b>YES</b>			
FR0504485	Unpackaged "Guocheng" rice (produced in Jiangxia)	Rice vendor in Fujiapo wet market, Wuhan City	18/3/2005	x	✓	<b>YES</b>			
FR0504486	Unpackaged rice (produced in Jiangxia)	Canteen in Huazhong Agriculture University, Wuhan City	18/3/2005	x	x	<b>NO</b>			
FR0504487	Unpackaged "Guocheng" rice (produced in Jiangxia)	Rice wholesaler in Wunan grain market, Wuhan City	19/3/2005	x	x	<b>NO</b>			
FR0504488	Unpackaged "Guocheng" rice (produced in Jiangxia)	Rice wholesaler in Xudong grain market, Wuhan City	20/3/2005	x	✓	<b>YES</b>			
FR0504489	Unpackaged "Guocheng" rice (produced in Jiangxia)	Rice wholesaler in Xudong grain market, Wuhan City	20/3/2005	x	✓	<b>YES</b>			
FR0504490	Unpackaged rice (produced in Xishui)	Rice wholesaler in Xudong grain market, Wuhan City	20/3/2005	x	x	<b>NO</b>			
FR0504491	Unpackaged "Lianfa" rice (produced in Jiangxia)	Rice wholesaler in Wunan grain market, Wuhan City	20/3/2005	x	✓	<b>YES</b>			

FR0504492	Unpackaged "Tuditang" rice (produced in Jiangxia)	Rice wholesaler in Wunan grain market, Wuhan City	20/3/2005	x	x	<b>NO</b>
FR0504493	Unpackaged "Qingsong" rice (produced in Xiantao)	Rice wholesaler in Wunan grain market, Wuhan City	20/3/2005	x	x	<b>NO</b>
FR0504494	Unpackaged "Guocheng" rice (produced in Jiangxia)	Rice wholesaler in Wunan grain market, Wuhan City	20/3/2005	x	✓	<b>YES</b>
FR0504495	Unpackaged rice (produced in Xishui)	Rice wholesaler in Wunan grain market, Wuhan City	20/3/2005	x	x	<b>NO</b>
FR0504496	Unpackaged "Guocheng" rice (produced in Jiangxia)	Rice wholesaler in Wunan grain market, Wuhan City	20/3/2005	x	✓	<b>YES</b>
FR0504497	Unpackaged unmilled rice ("Anti-pest Shanyou 63")	Farmer in Laojiang Village, Yunmeng County	21/3/2005	x	✓	<b>YES</b>
FR0504498	Packaged rice (mid-season)	Rice miller in Yunmeng County	21/3/2005	✓	✓	<b>YES</b>
FR0504499	Unpackaged rice (late-season)	Rice miller in Yunmeng County	21/3/2005	x	✓	<b>YES</b>
FR0504500	Packaged rice seed ("Maxie 63")	Huihua Sangnong Seed Company	27/2/2005	x	✓	<b>YES</b>
FR0504501	Packaged rice seed ("Anti-pest Shanyou 63")	Seed station in Fasi Town, Jiangxia	26/2/2005	x	✓	<b>YES</b>
FR0504502	Packaged rice seed ("Anti-pest Shanyou 63")	Farmer in Zhongzhou Village, Jiangxia	26/2/2005	✓	✓	<b>YES</b>
FR0504503	Unpackaged unmilled rice ("Anti-pest Shanyou 63")	Farmer in Zhongzhou Village, Jiangxia	26/2/2005	✓	✓	<b>YES</b>
FR0504504	Unpackaged rice ("Anti-pest Shanyou 63")	Farmer in Maojiafan Village, Jiangxia	26/2/2005	x	✓	<b>YES</b>
FR0504505	Unpackaged unmilled rice ("Anti-pest Shanyou 63")	Farmer in Jinxiu Village, Jiangxia	25/2/2005	x	✓	<b>YES</b>
FR0504506	Unpackaged unmilled rice ("Anti-pest Shanyou 63")	Farmer in Jinxiu Village, Jiangxia	25/2/2005	x	✓	<b>YES</b>

<sup>1</sup> The tests for 35S and NOS are used to screen for genetic engineering in plants. If one or both are positive, this is a strong indication that the plant is GE. The presence of both 35S and NOS in only some samples suggests that more than one type of GE rice could be causing the contamination.

<sup>2</sup> The tests for the two Bt proteins are used to identify the type of protein produced by the genetic insert in GE plants. If one of both are positive, this indicates the GE trait is insect resistance, Bt. In this case, the results indicate the presence of one type of Bt, Cry1Ac and the absence of another type of Bt, Cry1Ab.

N.B. DNA testing (by PCR) was not possible for the Bt gene because there are no methods available for the detection of experimental GE rice varieties in field trials.