

2006-07 Crop Year [August 1, 2006 to July 31, 2007 ]

## NI Total Glucosinolates Content of 2006-07 Canada Canola

Statistical Summary by Grade by Province  
as at October 25, 2006

Canadian Grain Commission  
Grain Research Laboratory (GRL)

### NI Total Glucosinolates Content, $\mu$ moles/g

Province	Number of Samples	Mean	Std. Dev.
1 C			
Manitoba	571	10.2	1.4
Saskatchewan	1002	9.9	1.7
Alberta & Fort St. John area	515	10.0	2.1
<b>Western Canada</b>	<b>2088</b>	<b>10.0</b>	<b>1.7</b>
2 C			
Manitoba	18	11.9	1.8
Saskatchewan	99	11.0	1.6
Alberta & Fort St. John area	55	11.0	1.7
<b>Western Canada</b>	<b>172</b>	<b>11.1</b>	<b>1.7</b>
3 C			
Manitoba	1	12.7	-
Saskatchewan	6	12.0	2.6
Alberta & Fort St. John area	4	12.7	0.5
<b>Western Canada</b>	<b>11</b>	<b>12.3</b>	<b>1.9</b>
All Grades			
Manitoba	590	10.2	1.4
Saskatchewan	1107	10.0	1.7
Alberta & Fort St. John area	574	10.1	2.1
<b>Western Canada</b>	<b>2271</b>	<b>10.1</b>	<b>1.8</b>

Notes:

1. NI Total Glucosinolates content is determined by near infrared measurements calibrated against the ISO HPLC reference method and is expressed on an 8.5% moisture basis.
2. Results are unlikely to represent samples harvested within two weeks of the date of this report.
3. The "Number of Samples" figures may not reflect actual production distributions across grades.
4. Samples were supplied by producers and grain companies.