



## Confined Field Trials for Spring 2005

### Summary of Submissions and Field Trials of Plants with Novel Traits (PNTs) Proceeding under the Seeds Act, 2004

Year	Number of Submissions	Number of Field Trials
2005	90	208

**Table 1:** Summary of approved submissions (for which field trials were planted) and approved field trials that have been carried out in 2005. Please note that not all approved field trials take place once authorized.

Crop	Nfld	PEI	NS	NB	QC	ON	MB	SK	AB	BC
Alfalfa	0	0	0	0	0	0	0	4	0	0
Brown Mustard	0	0	0	0	0	0	0	12	0	0
Canola/ napus	0	0	0	0	0	1	42	33	46	0
Corn	0	0	0	0	5	21	0	0	0	0
Creeping Bentgrass	0	0	0	0	0	2	0	0	1	0
Wheat/Durum	0	0	0	0	0	0	0	2	0	0
Poplar	0	0	0	0	1	0	0	0	0	0
Potato	0	0	0	0	0	0	1	7	0	0
Safflower	0	0	0	0	0	0	0	0	9	0
Soybean	0	0	0	0	0	6	0	0	0	0
Sugar Beet	0	0	0	0	0	0	0	0	2	0
Tobacco	0	0	0	0	0	1	0	0	0	0
Wheat	0	0	0	0	0	3	6	0	2	0
White Spruce	0	0	0	0	1	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>34</b>	<b>49</b>	<b>58</b>	<b>60</b>	<b>0</b>

**Table 2:** Provincial summary of field trials for individual crops as well as summary of field trials having been planted in each province. These numbers **do not** include authorized field trials which have not taken place, but **do** include trials that have been planted then subsequently destroyed.

Crop	Latin Name	Field Trials	Breeding Objectives								
			Herbicide Tolerance	Stress Tolerance	Genetic Research	Nutritional Change	Male Sterility/ Restoration	Insect Resistance	Fungal Resistance	Pharmaceutical	Other
Alfalfa	<i>Medicago sativa</i>	4	0	0	4	0	0	0	0	0	0
Brown Mustard	<i>Brassica juncea</i>	12	12	0	0	0	6	0	0	0	0
Canola/napus	<i>Brassica napus</i>	122	25	11	1	12	21	3	14	0	73
Corn	<i>Zea Mays</i>	26	22	0	0	4	0	13	0	0	0
Creeping Bentgrass	<i>Agrostis palustris</i>	3	3	0	0	0	0	0	0	0	0
Durum Wheat	<i>Triticum turgidum ssp. durum</i>	2	2	0	0	0	0	0	0	0	0
Poplar	<i>Populus alba x grandidentata</i>	1	0	0	1	0	0	0	0	0	0
Potato	<i>Solanum tuberosum</i>	8	0	7	0	0	0	0	1	0	0
Safflower	<i>Carthamus tinctorius</i>	9	9	0	0	0	0	0	0	9	0
Soybean	<i>Glycine max</i>	6	6	0	0	4	0	0	0	0	0
Sugar Beet	<i>Beta vulgaris</i>	2	2	0	0	0	0	0	0	0	0
Tobacco	<i>Nicotiana tabacum</i>	1	0	0	0	0	0	0	0	1	0
Wheat	<i>Triticum aestivum</i>	11	2	0	0	0	0	0	9	0	0
White Spruce	<i>Picea glauca</i>	1	0	0	0	0	0	1	0	0	0
<b>Total</b>		<b>208</b>	<b>83</b>	<b>18</b>	<b>6</b>	<b>20</b>	<b>27</b>	<b>17</b>	<b>24</b>	<b>10</b>	<b>73</b>

**Table 3:** Summary of field trials' breeding objectives. Data has been broken down into breeding objectives of individual crops and is based on authorized field trials having been planted. Please note that some field trials had more than one breeding objective, therefore the number of field trials listed under breeding objective may exceed the total number of trials authorized. "Other" breeding objectives include pathogen resistance, and yield enhancement. **Last Updated:** August 15, 2005