



Confined Field Trials for 1997

Summary of Submissions and Field Trials of Plants with Novel Traits (PNTs) Proceeding under the *Seeds Act*, 1997

Year	Number of Submissions	Number of Field Trials
1997	122	769

Table 1: Summary of approved submissions (for which field trials took place) and approved field trials that have been carried out in 1997. Please note that not all approved field trials take place once authorized

Crop	Nfld	PEI	NS	NB	QC	ON	MB	SK	AB	CB
Alfalfa	0	0	0	0	1	6	0	0	0	0
Barley	0	0	0	0	0	0	0	1	0	0
Broccoli	0	0	0	0	0	0	0	1	0	0
Brown Mustard	0	0	0	0	0	0	0	6	0	0
Canola/ <i>napus</i>	0	0	0	0	0	13	31	129	98	6
Canola/ <i>rapa</i>	0	0	0	0	0	10	10	100	96	0
Corn	0	0	0	0	2	18	0	0	0	0
Grape vine	0	0	0	0	0	1	0	0	0	0
Pea	0	0	0	0	0	0	0	2	0	0
Poplar	0	0	0	0	1	0	0	0	0	0
Potato	0	31	1	27	14	8	6	6	46	18
Soybeans	0	0	0	0	0	57	0	0	0	0
Sugar Beet	0	0	0	0	0	0	0	0	4	0
Wheat	0	0	0	0	0	0	3	12	4	0
Total	0	31	1	27	18	113	50	257	248	24

Table 2: Provincial summary of field trials for individual crops as well as summary of field trials having taken place in each province. These numbers **do not** include authorized field trials which have not taken place.

Crop	Latin Name	Field Trials	Breeding Objective										
			Herbicide Tolerance	Stress Tolerance	Genetic Research	Nutritional Change	Modified Oil Composition	Male Sterility/ Restoration	Insect Resistance	Fungal Resistance	Virus Resistance	Pharmaceutical/ industrial*	Other
Alfalfa	<i>Medicago sativa</i>	7	1	5	1	0	0	0	0	0	0	1	1
Barley	<i>Hordeum vulgare</i>	1	0	0	1	1	0	0	0	0	0	0	0
Broccoli	<i>Brassica oleracea</i>	1	1	0	0	0	0	0	0	0	0	0	0
Brown Mustard	<i>Brassica juncea</i>	6	6	0	0	0	0	0	0	0	0	0	0
Canola/ <i>rapa</i>	<i>Brassica rapa</i>	216	200	0	0	0	0	28	0	0	0	0	0
Canola/ <i>napus</i>	<i>Brassica napus</i>	277	183	8	0	10	59	15	0	23	0	4 (4)	5
Corn	<i>Zea Mays</i>	20	19	0	0	0	0	0	7	1	0	0	0
Grape vine	<i>Vitis vinifera</i>	1	0	1	0	0	0	0	0	0	0	0	0
Pea	<i>Pisum sativum</i>	2	1	0	1	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	0	0
Potato	<i>Solanum tuberosum</i>	157	2	0	7	10	0	0	139	1	140	0	8
Soybean	<i>Glycine max</i>	57	57	0	0	0	0	0	0	0	0	0	0
Sugar Beet	<i>Beta vulgaris</i>	4	4	0	0	0	0	0	0	0	0	0	0
Wheat	<i>Triticum aestivum</i>	19	17	0	2	2	0	0	0	0	0	0	0
Total		769	491	14	13	23	59	43	146	25	140	5(4)	8

*Numbers that are not in brackets are the number of field trials where the PNT expressed a pharmaceutical compound; numbers in brackets are the number of field trials where the PNT expressed an industrial compound.

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 taken place. 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 antibiotic resistance and yield enhancement.

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