

Fig. 1 Sample seeds of exemplary canola varieties

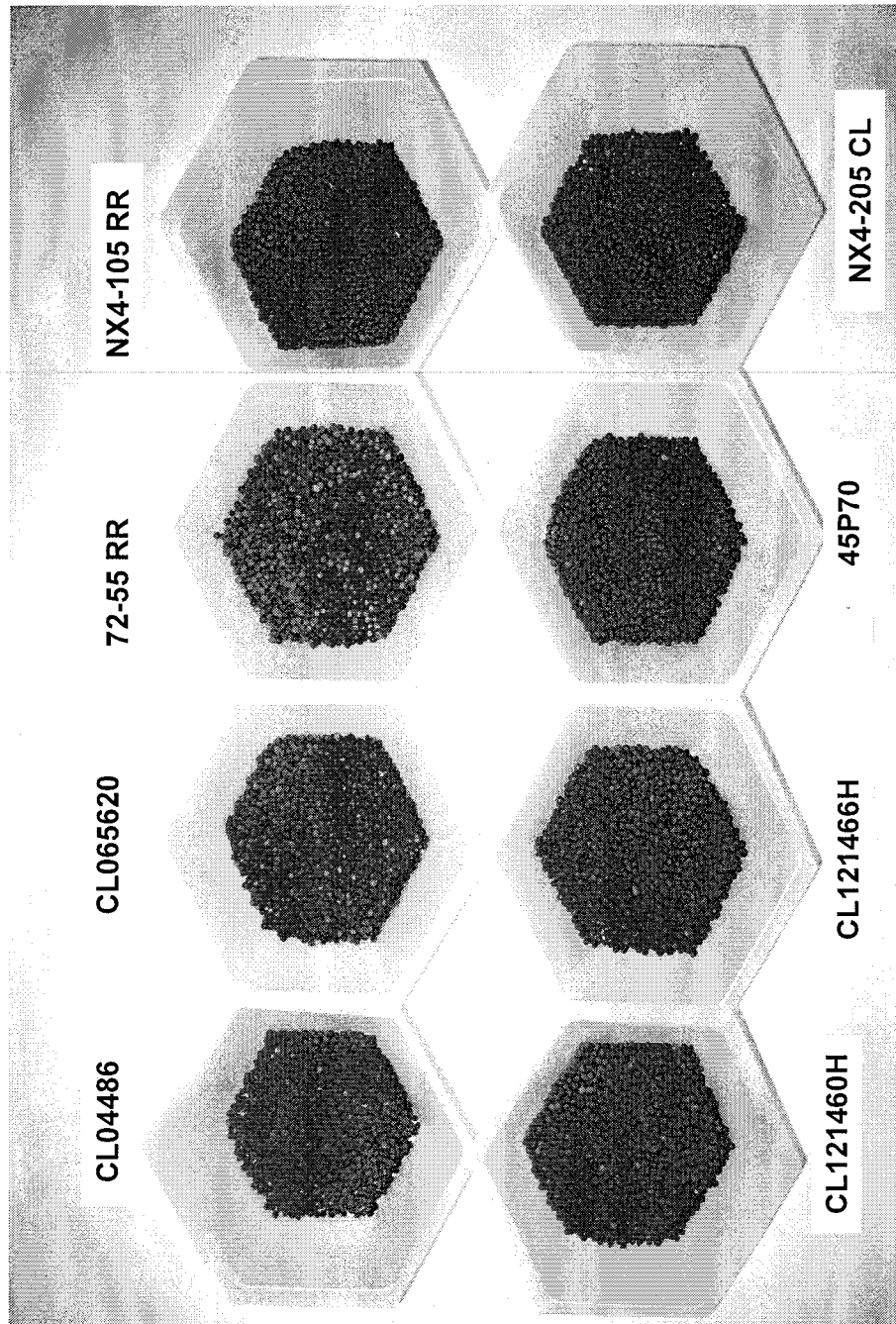


FIG. 2. Composition analysis of seed from field grown samples

Name	Seed Quality by NIR				Reference Chemistry - 3 locations				
	% Oil Dry Mass	% Meal Protein	Total Glucosinolate	% ADF	% Oil Dry Mass	% Protein	% ADF	Condensed Tannin	Condensed Tannin
	NIR	NIR 10% H ₂ O	NIR 10% H ₂ O	NIR 10% H ₂ O	NMR	10% H ₂ O	10% H ₂ O	OD 520 /g ADF	OD 550 /g ADF
NX4-105 RR	48.3	41.3	9.7	14.8	48.9	38.4	18.4	4.1	5.4
72-55 RR	50.9	41.9	12.5	11.2	50.2	40.6	12.6	0.2	0.2
NX4-205 CL	47.7	41.7	10.2	16.2	49.8	38.4	19.9	6.7	9.1
45P70	47.1	41.1	10.5	14.2	47.6	38.5	15.6	1.6	2.1
CL044864	48.5	44.1	10.2	12.2	48.1	42.0	12.8	0.2	0.2
CL065620	50.0	44.2	10.8	11.2	49.8	42.1	12.5	0.4	0.4
CL121460H	49.2	43.2	9.9	12.2	49.3	42.1	13.5	0.3	0.3
CL121466H	48.1	43.2	9.5	13.5	47.7	42.0	15.0	0.8	1.0

72-55RR and 45P70 are commercial canola hybrids sold by Monsanto Company and Pioneer Hi-Bred, respectively.

NX4-105 RR and NX4-205 RR are dark-seeded commercial canola lines sold by Dow AgroSciences, LLC.