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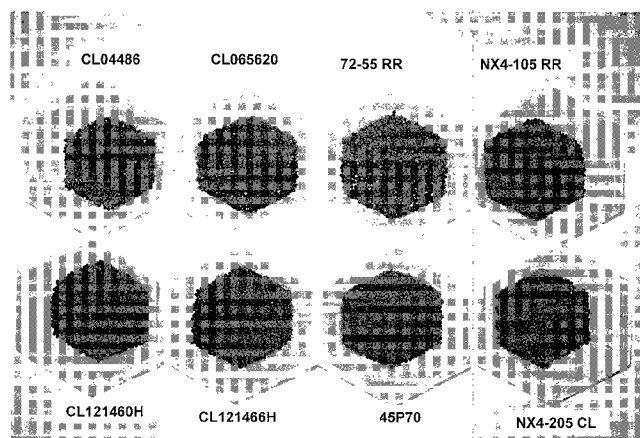
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[Continued on next page]

(54) Title: CANOLA GERMPASM EXHIBITING SEED COMPOSITIONAL ATTRIBUTES THAT DELIVER ENHANCED CANOLA MEAL NUTRITIONAL VALUE

Fig. 1 Sample seeds of exemplary canola varieties



(57) Abstract: The present invention concerns a canola germplasm comprising at least 45% crude protein and not more than 18% acid detergent fiber content on an oil-free, dry matter basis. Certain embodiments further comprise one or more traits selected from the group consisting of reduced polyphenolic content and increased phosphorous content. In particular embodiments, the invention concerns canola plants comprising such germplasm and plant commodity products (e.g., seeds) produced therefrom. Canola plants comprising a germplasm of the invention may exhibit favorable seed composition characteristics that make them particularly valuable as a source for canola meal, and for methods of introducing at least one trait selected from the group consisting of high protein content, low fiber content, reduced polyphenolic content and increased phosphorous content into a canola variety in a seed coat color-independent manner.

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