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- (71) Applicant (for all designated States except US): **AGRI-GENETICS, INC.** [US/US]; 9330 Zionsville Road, Indianapolis, Indiana 46268 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **KUBIK, Thomas James** [CA/CA]; 111 Sears Cove, Saskatoon, SK S7N 4V5 (CA). **GINGERA, Gregory R.** [CA/CA]; 618 Wright Crescent, Saskatoon, SK S7N 4T7 (CA). **RIPLEY, Van Leonard** [CA/CA]; Box 222, Grandora, SK S0K 1V0 (CA). **BEAITH, Michelle E.** [CA/CA]; 631 Avenue M. South, Saskatoon, SK S7M 2L1 (CA). **PATTERSON, Thomas G.** [US/US]; 34 West Evening Rose Way, Westfield, Indiana 46074 (US).
- (74) Agent: **CATAXINOS, Edgar R.**; TraskBritt, P.O. Box 2550, Salt Lake City, Utah 84110 (US).
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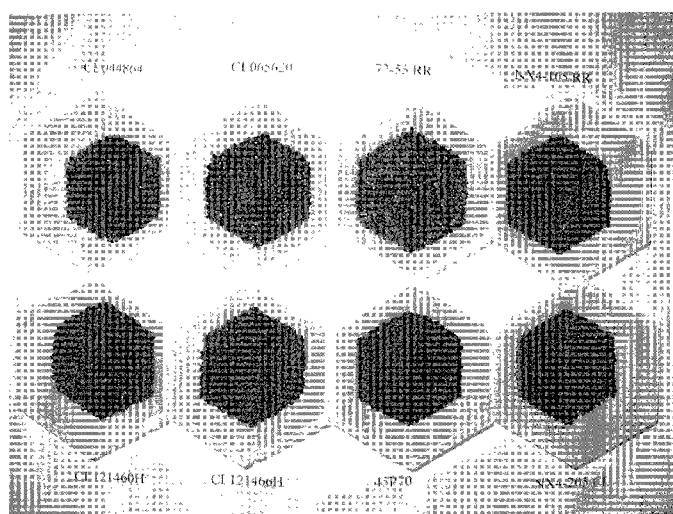
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- (54) Title: CANOLA GERMPASM EXHIBITING SEED COMPOSITIONAL ATTRIBUTES THAT DELIVER ENHANCED CANOLA MEAL NUTRITIONAL VALUE HAVING OMEGA-9 TRAITS

FIG. 1. Sample seeds of exemplary canola varieties



(57) Abstract: A canola germplasm confers on a canola seed the traits of high protein content and low fiber content, wherein the canola plant produces a seed having, on average, at least 68% oleic acid (C18:1) and less than 3% linolenic acid (C18:3). The canola seed traits may also include 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.



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