Development of high value added pellet products based on combination of pea/lentil screenings, lignosulfonate and calcium chemical compounds (additive) as well as canola meal to maximize extra benefit for pulse producers and processing industry

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SPG Contributions	Project Status	Duration/Timeline of Project (Year to Year)	Co-funders	Total Project Cost
$68,195.00	Completed	October 2015 – December 2018	National Sciences and Engineering Research Council of Canada	$136,392.00

Project Description

Pelleting processing and using pellet processing to develop all different pelleted products; to determine chemical composition of the selected best pelleted products; to determine important amino acid profile of the selected best pelleted products.

Outcome

Pellets which included up to 25% peas blended with carinata provided products with high amounts of rumen bypass protein, absorbable intestinal feed protein and total digestible fibre.

Milk production not affected by pelleted products which included peas.

Research Objective

OBJECTIVE 1

Pelleting processing and using pellet processing to develop all different pelleted products.

OBJECTIVE 2

To determine chemical composition of the selected best pelleted products.

OBJECTIVE 3

To determine important amino acid profile of the selected best pelleted products.