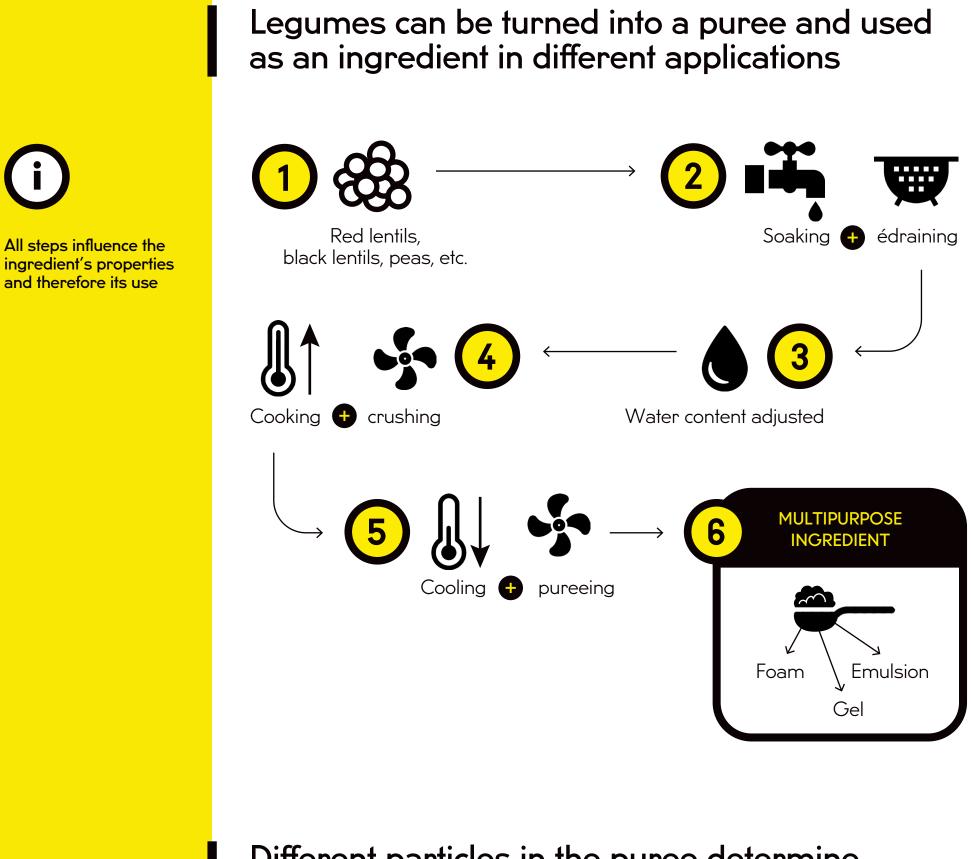
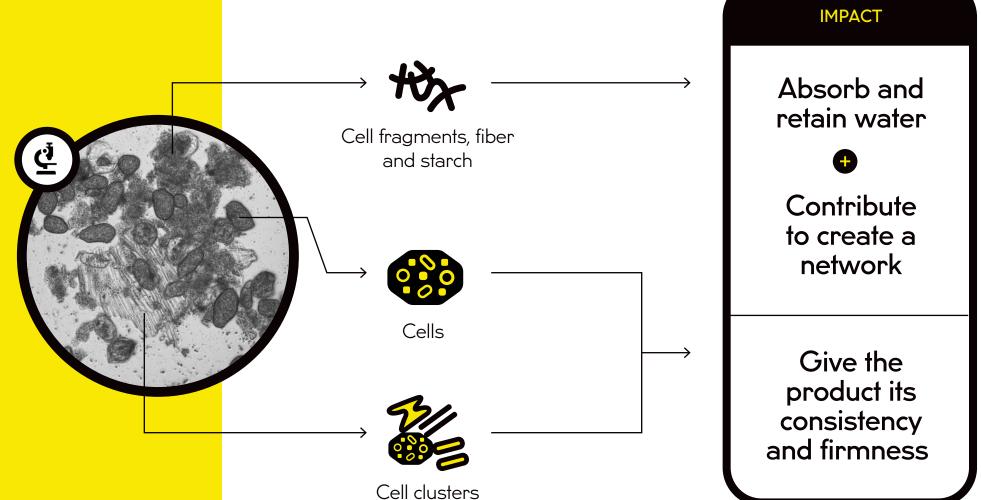
LEGUME-BASED MULTIPURPOSE INGREDIENT: **PREPARATION AND PARAMETER CONTROL**



Different particles in the puree determine its properties





Examples of formulation and storage effects



Water content (inversely proportional to solid content) changes the properties of the puree.

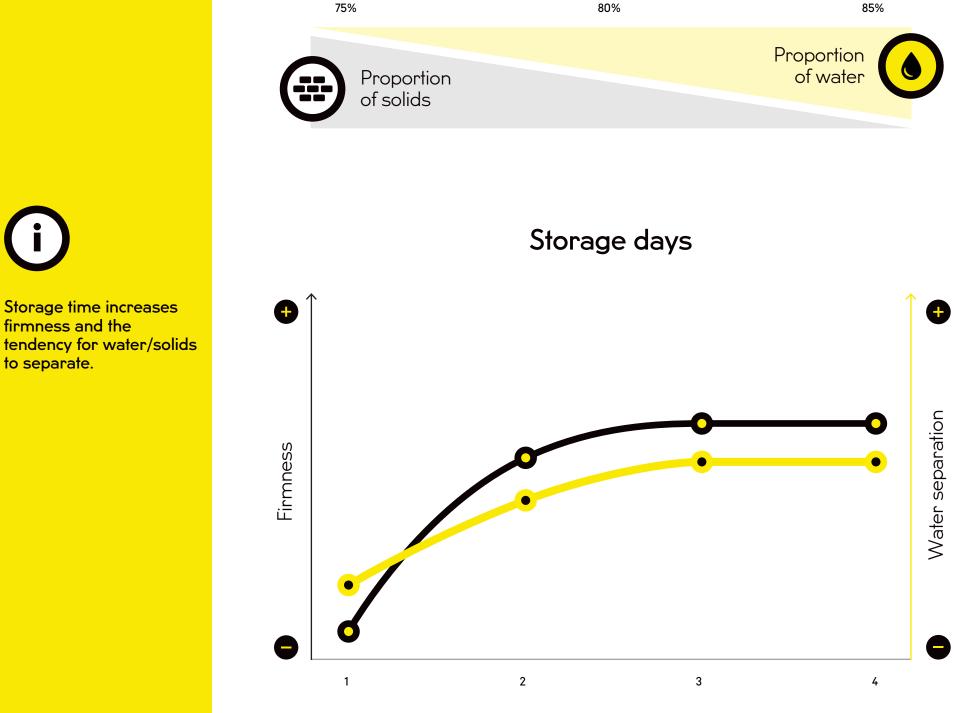
The higher the water content (between 75% and 85%):

- The softer the puree
- The more the puree tends to separate

firmness and the

to separate.

Water content Water separation Firmness



- Preparation conditions affect puree properties.
- This legume-based ingredient can be produced using kitchen and food processing equipment.
- This multipurpose ingredient has varied potential uses and lends itself to diverse textures and flavours.

To learn more, watch our video

GastronomiQc

Research team

Auriane Feroussier^{1,2,3}, PhD Student Véronique Perreault^{1,3,4}, Research Professor Sylvie Turgeon^{1,2,3}, Full Professor

Contributors

Guillaume Morin^{1,2,3}, PhD Student Rémy Couture^{1,2,3}, Master's Student

¹GastronomiQc Lab, ²Faculty of Agriculture and Food Sciences, Department of Food Science, Université Laval, ³Institute of Nutrition and Functional Foods (INAF), ⁴Institut de tourisme et d'hôtellerie du Québec (ITHQ).