

Stratégie contre les pertes alimentaires

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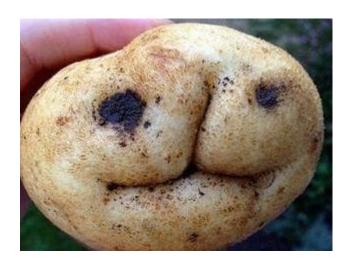
Problème

- Croissance de la prospérité => augmentation des pertes alimentaires
- 2. Conscience du problème supérieure à la conscience de la situation réelle
- 3. Principe d'incertitude



Projet dans le cadre du PNR 69

- Recensement des pertes
- Évaluation des impacts environnementaux
- Degré d'acceptation des stratégies d'évitement



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Évolution de l'affouragement

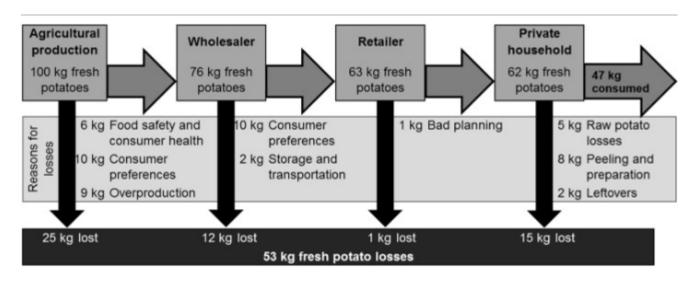
Table 3. Potato production balance sheet for Switzerland from 2000 to 2013.

	2000	2005	2010	2013
Total potato production (t)	600,600	485,000	420,800	363,800
Seed potatoes	5%	5%	6%	6%
Animal feed	44%	33%	14%	6%
Human consumption	51%	62%	80%	88%

Source: SBV, 2000, Swisspatat, 2014.



Sources de pertes dans la chaîne de création de valeur



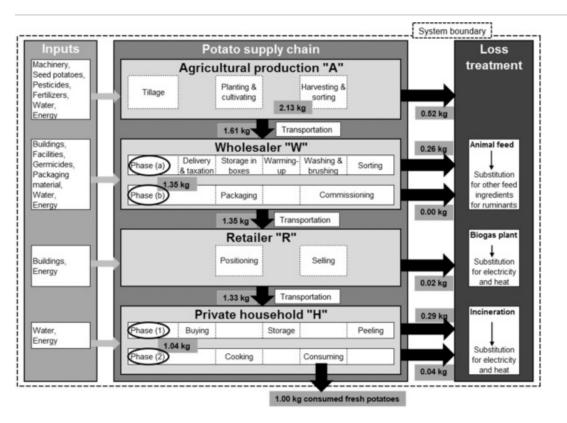
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Fig. 1. Typical Swiss fresh potato supply chain and the mass flow of initially 100 kg fresh potatoes harvested at farm stage (Willersinn et al., 2015).



Pommes de terre – quo vadis ?



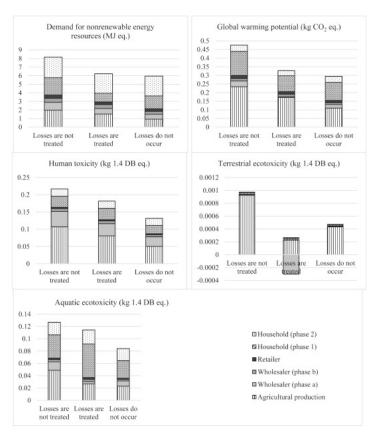
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Fig. 1. System boundary of the investigated system including the mass flow of fresh potatoes and potato losses to final consumption of 1 kg fresh potatoes in the current situation.



Impacts environnementaux



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Fig. 2. Contribution of the supply chain stages to environmental impact categories per kilogram of consumed potatoes for the current situation without/with consideration of current loss treatments.

Stratégies d'évitement

- 1 : Produits phytosanitaires contre les vers fil de fer (48 %)
- 2 : Meilleur tri au stade de la production (53 %)
- 3 : Pas de tri au stade de la production (49 %)
- 4 : Vente de pommes de terre non lavées (48 %)
- 5 : Vente de pommes de terre en vrac (51 %)

(Combinaison: 38 %)



Enquête sur le degré d'acceptation

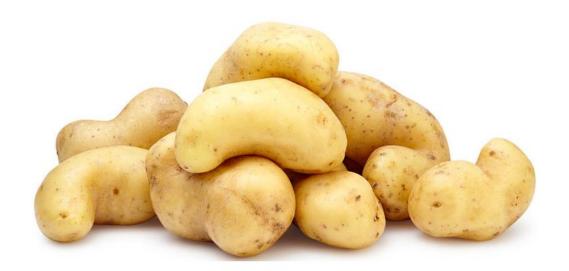
Table 6. Survey results (means, M) for the preference rating of each scenario including standard deviations (SD) and the 95% confidence intervals.

Variable	n	M	SD	95% confidence interval	
				Lower	Upper
Preference for A1 against preference for current situation (scale from 0 to 100)	483	36.69	23.80	34.56	38.82
Preference for A4 against preference for current situation (scale from 0 to 100)		59.61	25.47	57.34	61.89
Preference for A5 against preference for current situation (scale from 0 to 100)	483	69.41	24.66	67.20	71.61

Note: Preference for each scenario rated with a slider from 0 = strong preference for current situation to 100 = strong preference for the alternative scenario. A1 = Pesticides against wire worms; A4 = selling unwashed potatoes in a lightproof box; A5 = selling unpacked potatoes.

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Pommes de terre de la marque Ünique



Conclusions

- Pertes importantes
- Potentiel d'évitement limité
- Est encore réduit par les attentes des consommateurs

























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