



The Michigan Bean Commission (MBC) is pleased to offer a series of free accredited webinars, many with a plantforward eating focus, that cover a broad range of contemporary nutrition and food topics.

Webinars are a blend of research, science and practice to help nutrition professionals stay informed on recent developments on relevant topics.

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The presenter will answer questions at the end of this webinar. Please submit questions by using the 'Q&A' feature on your computer screen.















Preventive A Meta	me Consumption Confers Che Effects on Colorectal Neopla a-Analysis of Human Studies shuttli Pores, Yama Takas, and Gord Bobs	sia:
Bickground The United Netform are executed 2006 within international year of the hadroid, the restanding behavior of the hadroid of the restanding behavior of the hadroid of the	Revelue I control tables, high grain legans consumption rules investigle as 0.50, 71, 71-0270, 31, monitorit CM (18-412), 1954, 11254, 12 0.50, 71-01-0270, 31, monitorit CM (18-412), 1954, 11254, 11 0.51, 71-100, 112, 112, 112, 112, 112, 112, 112,	excitated with rail of incident CMA (000 =0.22; 59% C2; 505% 2; 7 =-0.25(9%), and CDC (100 =0.27; 59% C2 (303 -0.05; 0) or part hyperse regime and rais of processor CCA (300 =0.05), 0) of 80; -0.23 mJ. The heteroparative of Tei lother can be 2; 59% C2; 1.28 (1.05 ; -0.05%) and sweet (000 =0.06; 0) regimes via knowled youtcome with rais of CAA (000 =0.07).
Regular legume cons	sumption may pro	vide a chemo-
Grain Legume Consumption Inhibits Colorectal Turm By Thushanthi Perera, Yumie Takata and Gerd Bobe Submitted: September 29th 2015R eviewed: March Dob. 40.677167000	origenesis: A Meta-Analysis of Human and A a (page 1-36) 15th 2016 Published: October 19th 2016	dSId Inimal Studies

Aim 1: Conclusion	
Can regular legume consumption prevent chronic diseases?	Yes



NHANES: Overview				
Participants: • 11,855 adults >18 yrs age (excludes pregnant & lactating women) from two NHANES cycles (2011-2012: 5,807 and 2013-2014: 6,048). • Participants completed 2, non-consecutive multiple pass 24-hr dietary recalls (only dietary data coded as reliable were included). A total of 513 out of ~8,600 food codes were identified as legume				
Legume Group	Serving Size and Frequency	Data Analysis		
 Green beans/peas Sprouted beans/peas Dry beans Dry peas 	 ¼ cup (43.5g) ½ cup (87.5g) 	 Legume dishes were weighted according to USDA FANDB to better reflect amounts eaten for mixed dishes. 		
 Lentils Others (Chickpeas/ Garbanzo beans/Cowpeas/ Black eyed peas/piegon peas) 	 1 cup (175g) Day 1 Day 2 	Data analysis was performed using STATA software (version 14).		



Aim 2: Conclusion	
Can regular legume consumption prevent chronic diseases? Yes	7
Do U.S. adults consume legumes regularly?	

BLP (IRB# 8303): Overview Target Group: HYP parents/guardians, HYP: Outeach branch of LPI prividing videocd-based cooking, untrividing, and garding Survey Started: November 15, 2017 Reminders: 11-27 812-4 2017 Closed: December 13, 2017 Listsery Participants: n=948 Started Survey: n=164 Used: n=143 (completed >40%, Q, 1=6). H question Ryperied Guardion: Past month Media Completion: 8-86 min Ryperied Guardion: Past month Media Completion: 8-86 min Ryperied Guardion: Past month Media Completion: 8-86 min Ryperied Startes Startes Startes











Current Challenges for Legume Promotion

- Consumer Perceptions: Replacement food group for vegetable or meat ("poor man's meat")
- No known healthy benefits specific to legumes
- Concerns regarding (anecdotally):
 Digestive health (paleo diet)
- Digestive health (paleo diet)
 Anti-untritonal compounds/txxins (paleo diet)
 High CHO content (whole 30, keto diet)
 Taste (starchy, grainy, earthy taste)
 Texture (pasty texture)
 Preparation time (soaking)
 Preparation challenge (cooking time, tasty recipes)

- Inconsistent definitions and categorization for legumes (USDA puts legumes into 6



























Can regular legume consumption prevent chronic diseases?	Don't Know
What are the reasons for the disconnect between dietary recommendations and legume consumption patterns?	Health Benefit Taste/Texture Preparation Recipes
What are the consumer preferences for legumes?	Sweet Taste Creamy Texture Firm Texture Tasty Recipes Easy Prep Pairing



















