

















response?





















- Among Australian aboriginals diabetes prevalence rate is as high as 30% (WHO, 2007).
- Rapidly changing lifestyle and dietary pattern along with ecological degradation and socio-economic deterioration significantly contributed to the outbreak and prevalence of type 2 diabetes among indigenous communities.







Anti-diabetic Potential of Selected Traditional Crop Foods				
Crops	Total Phenolic Content (mg/g)	Total Antioxidant Activity (% inhibition)	Alpha-amylase Inhibition (%)	Alpha-glucosidase Inhibition (%)
Purple Corn	8.0	77%	0%	51%
Quinoa	2.3	86%	0%	30%
Andean Legume	4.0	40%	0%	20%
Round orange pumpkin	0.17	33%	60%	50%
Jack Bean	1.2	22%	50%	20%
Deals and some	0.5	38%	32%	35%



Previous and Current Research

Phenolic Composition and Evaluation of the Antimicrobial Activity of Free and Bound Phenolic Fractions from a Peruvian Purple Corn (Zea mays L.) Accession

ena Gálvez Ranilla 🧐, Ashish Christopher, Dipayan Sarkar, Kalidas Shetty, Rosana Chirinos, and David Campos



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