REFERENCES


125. Izydorczyk, MS, Macri, LJ & MacGregor, AW 1998, ‘Structure and 
physicochemical properties of barley non-starch polysaccharides—I. 
Water extractable beta-glucans and arabinoxylans’, Carbohydrate 
Polymers, vol. 35, no. 3-4, pp. 249-258.

characterization of water-soluble hemicelluloses from flax shive’, 

127. Jaskari, J, Kontula, P, Siitonen, A, Jousimies-Somer, H, Mattila-
Sandholm, T, & Poutanen, K 1998, ‘Oat β-glucan and xylan 
hydrolysates as selective substrates for Bifidobacterium and 
Lactobacillus strains’, Applied Microbiology and Biotechnology, vol. 
49, no. 2, pp. 175-181.

128. Jayapal, N, Samanta, AK, Kolte, AP, Senani, S, Sridhar, M, Suresh, 
KP & Sampath, KT 2013, ‘Value addition to sugarcane bagasse: Xylan 
extraction and its process optimization for xylooligosaccharides 

129. Jayapal, N, Sondhi, N, Jayaram, C, Samanta, AK, Kolte, AP & Senani, 
S 2014, ‘Xylooligosaccharides from green coconut husk’, Proceedings 
of global animal nutrition conference on climate resilient livestock 
feeding systems for global food security, pp.106.

and their interaction in the plant cell walls. In Xylans and Xylanases, 

131. Jurgen Puls, Maija Tenkanen, Marjaana Ratto & Liisa Viikari 1993, 
‘Enzymatic deacetylation of galactoglucomannans’, Applied 
Microbiology and Biotechnology, vol. 39, no. 2, pp. 159-165.

132. Kabel, MA, Carvalheiro, F, Garrote, G, Avgerinos, E, Koukios, E, 
Parajó, JC, Girio, FM, Schols, HA & Voragen, AGJ 2002, 
‘Hydrothermally treated xylan rich byproducts yield different classes 
of xylo-oligosaccharides’, Carbohydrate Polymers, vol. 50, no. 1, 
pp. 47-56.

spectra of oligosaccharides in water: Characterisation of the glycosidic 


147. Madhukumar, MS & Muralikrishna 2011, ‘Fermentation of xylooligosaccharides obtained from wheat bran and Bengal gram husk by lactic acid bacteria and Bifidobacteria’, Journal of Food Science and Technology, vol. 49, no. 6, pp. 745-752.


199. Rastall, RA & Hotchkiss, AT 2003, Oligosaccharides in Food and Agriculture, ACS Press, Washington DC.


