



School of
Renewable Natural
Resources

Disclosure 0724

Glycemic Index Estimation Method

Description:

This is a new method to approximate and analyze the Glycemic Index (GI) for foods that contain carbohydrates and sugars using a unique mixture of enzymes. No test subjects or blood samples are needed, only a small sample of the food you wish to analyze. This fast, accurate and cost-effective method can help companies measure and lower GI in their products.

Advantage:

- Lower cost
- High correlation ($\approx .94$) with GI
- Shorter analysis times
- No test subjects or blood samples needed
- Easy to use

Commercial Uses:

- Assay kits
- Food analysis for large food manufacturers

Intellectual Property on the Web:

http://www.lsuagcenter.com/en/administration/about_us/chancellors_office/intellectual_property/