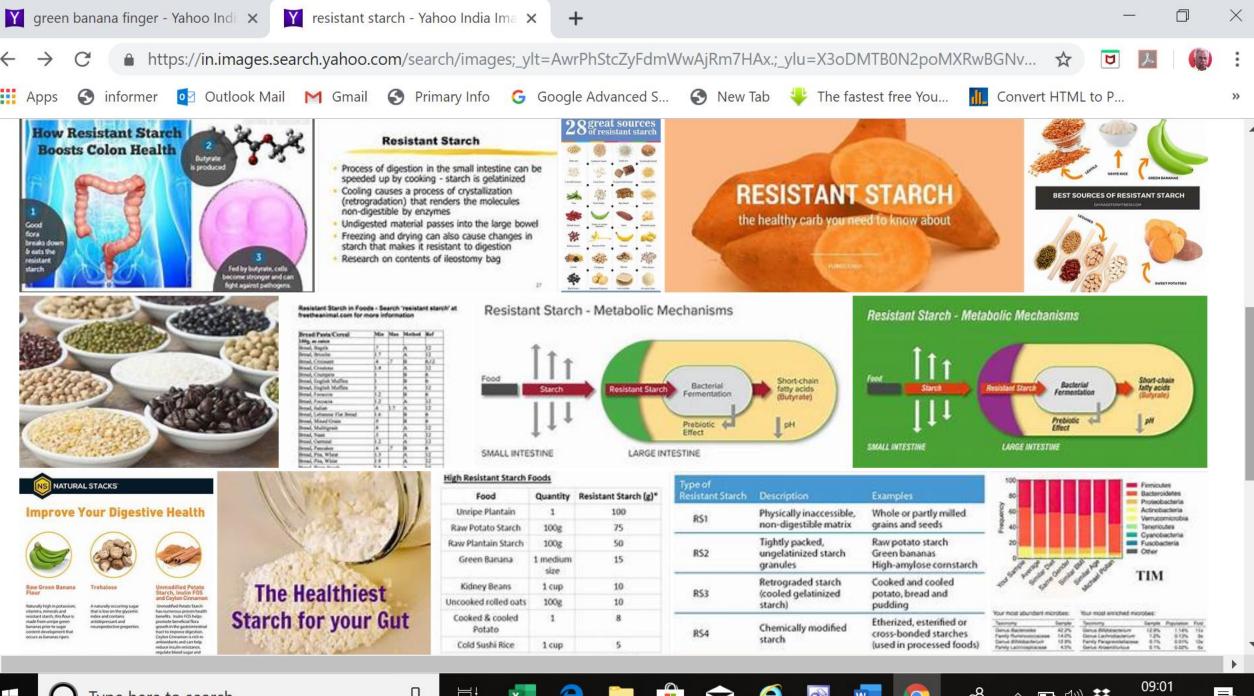
Green Banana - Resistant starch

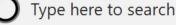
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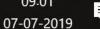














Resistant starch is defined as the total amount of starch and the products of starch degradation that resists digestion in the small intestine of healthy people

Starches that resist small intestinal breakdown are fermented by the resident bacteria in the large intestine, producing a variety of end products including short chain fatty acids that in turn provide a range of physiological benefits

Resistant starch is one of the best substrates for the production of butyrate – producing levels twice that of wheat fiber and four times that of pectin

To qualify as a prebiotic, a food ingredient must be shown to: escape digestion and absorption in the small intestine, where reaching the large bowel it changes the composition or activity of the microbiota selectively, which results in demonstrable health benefits for the consumer

- Unripe bananas contain mostly starch, which makes up 70–80% of their dry weight
- While green bananas provide the highest amount of resistant starch with 12.75g per standard banana (approximately 150g), the resistant starch drops by 85% to 1.84g when the banana is ripe

The banana fruits harvested at 105 days were recommended for preparing the unripe banana flour as it contained the highest level of Resistant Starch, carotenoids and had strong antioxidant activity.

- The preparation of unripe banana flour and applying it in the preparation of functional food such as rice noodle which is high in resistant starch, is promising and this product is likely beneficial for human health.
- The resistant starch in green banana is classified as dietary fiber by the FDA

Resistant Starch - Basics

- Resistant Starch
- Digestibility of resistant starch
- Frequently asked questions
- Improving Human Health
- Colonic Health

Green Banana Flour Applications

- Functional ingredient for special-purpose foods
- Starch nano-particles as vehicles for curcumin
- Non-digestible food ingredient
- Health Benefits: Whole Green Banana Flour
- Health benefits, measurement and dietary intakes
- Green banana_ new alternative for glutenfree products

Processing

- Resistant Starch rich Powders Preparation
- Resistant Starch- Chemistry and Nutritional properties
- Contents depend upon Harvesting
- Farmer and Entrepreneur
- Resistant Starch Preparation Methods
- Characterization of banana starch and its resistant starch improvement
- Instant Noodles
- Production of Green Banana Flour

Patents

- Resistant Starch
- Resistant Starch Compositions
- Process for preparing Resistant Starch

Sources of Resistant Starch

- Banana resistant starch from four cultivars
- Green Banana Resistant
 Starch Multi-Fibre regulation

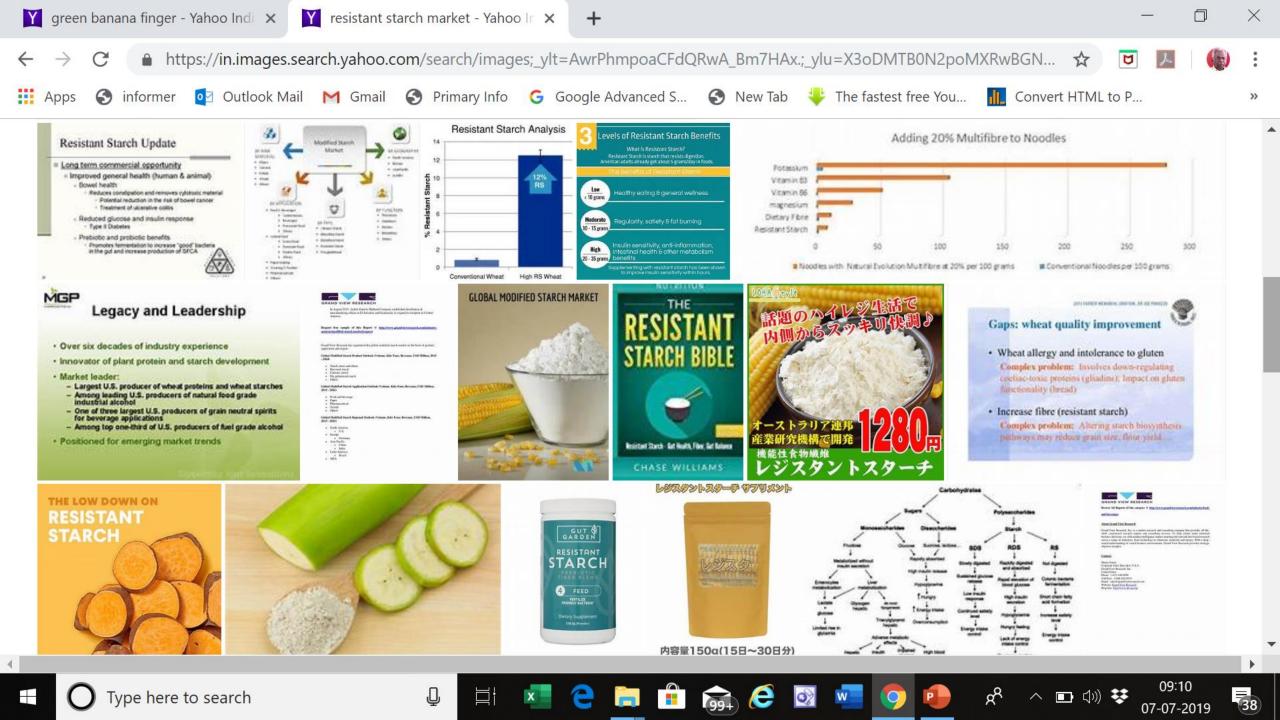
Technology

- Starch and amylase variability in banana cultivars
- Chemical compositions and Resistant Starch content in starch foods

Company Profiles

- Manufacturer certified product
- Manufacturer
- Research Institute
- Starch Specialist
- Manufacturer
- Supplier
- Distributor

Contents



QUESTIONS?

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