FOREST WISE

ARENGA RAINFOREST SUGAR

Also known as: Arenga Pinnata Sugar, Gula Aren

Grades available:
Unrefined

WHERE FOUND

All over indonesia, sourced from:
Java

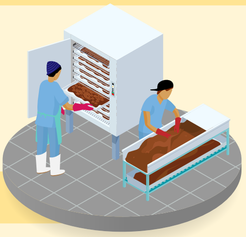
EXTRACTION FLOWCHART

1 TREE SAP TAPPED

2 SAP STERILIZED

3 SAP EVAPORATED TO SYRUP

4 SYRUP EVAPORATED TO SUGAR CRYSTALS



5 SUGAR DRIED AND SIEVED

SOCIAL IMPACT

Supports up to 20 employees, 250 families. Environmentally processed, using a biomass boiler fuelled by waste from a sawmill and other organic sources. This eliminates the need to cut down trees to fuel their stoves. Selling the juice to the factory (instead of selling sugar blocks) adds between 30-70% to a families income. No chemical additives. Trees grow on cliffs, preventing landslides/soil erosion. Currently harvested from a total area of about 35 hectares but the project can be readily scaled up.

USP

Novel sugar that provides valuable income for farmers protecting land from plantation growth about 35 ha.

APPLICATIONS

- Face masks
- Depilatory creams
- Exfoliating scrubs

PRODUCT QUALITIES

- Physical form - light brown
- Crystaline granules
- Shelf life - 3 years

PROPERTIES

- Exfoliating
- Sticky cream base

REGULATORY DATA

- INCI Name - Sugar
- CAS No. - 57-50-1
- EINECS No. - 200-334-9
- Chinese INCI No. - 08536
- certifications
- REACH - Exempt under Annex IV

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