

GREEN WHISPER® TECH SHEET

Banana trunks. Real textile fiber.

Agricultural waste from banana harvests, transformed into a high-quality textile fiber — no extra land, water, or energy.

Green Whisper® is a registered technology. Blended with cotton for greater tear resistance and a longer lifespan.

1B+

tons / year

Agricultural residue produced worldwide, annually

0

chemicals

In the post-process fertilizer residue

100%

biodegradable

End product, farm to customer

OUR TECHNOLOGY

Green Whisper® is an innovative, sustainable technology for transforming the banana trunk into textile fiber. The raw material requires no additional land, energy, or water. Trunks are cut and the fibers extracted directly in the producers' fields, then processed into coils to which a percentage of cotton is incorporated. The resulting textile has greater tear resistance, a longer lifespan, and can be washed at low temperatures.

THE CYCLE — FROM HARVEST TO FIBER

1

Harvest & cut

The banana tree bears fruit only once. After each season the farmer must cut it down — producing the trunk residue that becomes our raw material.

2

Field extraction

Fibers are cut and extracted directly in the producers' fields, eliminating transport of bulk waste.

3

Spin & blend

Fibers are processed into coils and blended with a percentage of cotton for strength and hand-feel.

4

Knit, dye & finish

Run through One Textile's vertical US operation — knitting, dyeing, and finishing under the strictest environmental regulations in the world.

THE BENEFITS

WHY GREEN WHISPER®

Environment

No need to dump or burn agricultural residue, eliminating illegal dumping and the pollution caused by burning.

Local Economy

Local farmers recycle residue through the Green Whisper® process, generating additional income and creating new jobs.

Agriculture

Residue remaining after processing is used as fertilizer. Containing no chemicals, it returns to subsequent crops.

Sustainable

The end customer receives a top-quality product that is environmentally friendly and 100% biodegradable.

FIBER & BLEND PROFILE

Base fiber	Banana-trunk cellulose fiber
Blend	Banana fiber + cotton (cotton % to spec)
Performance	Greater tear resistance · longer lifespan
Care	Low-temperature wash
End of life	100% biodegradable
Inputs added	No extra land, water, or energy

VERTICAL PRODUCTION — TALK TO OUR TEXTILE EXPERTS

Green Whisper® fiber feeds directly into One Textile's fully vertical, USA-based supply chain — yarn, knitting, dyeing, finishing, cut & sew, and distribution. One company owns every link, with sustainability built in from the field forward.

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