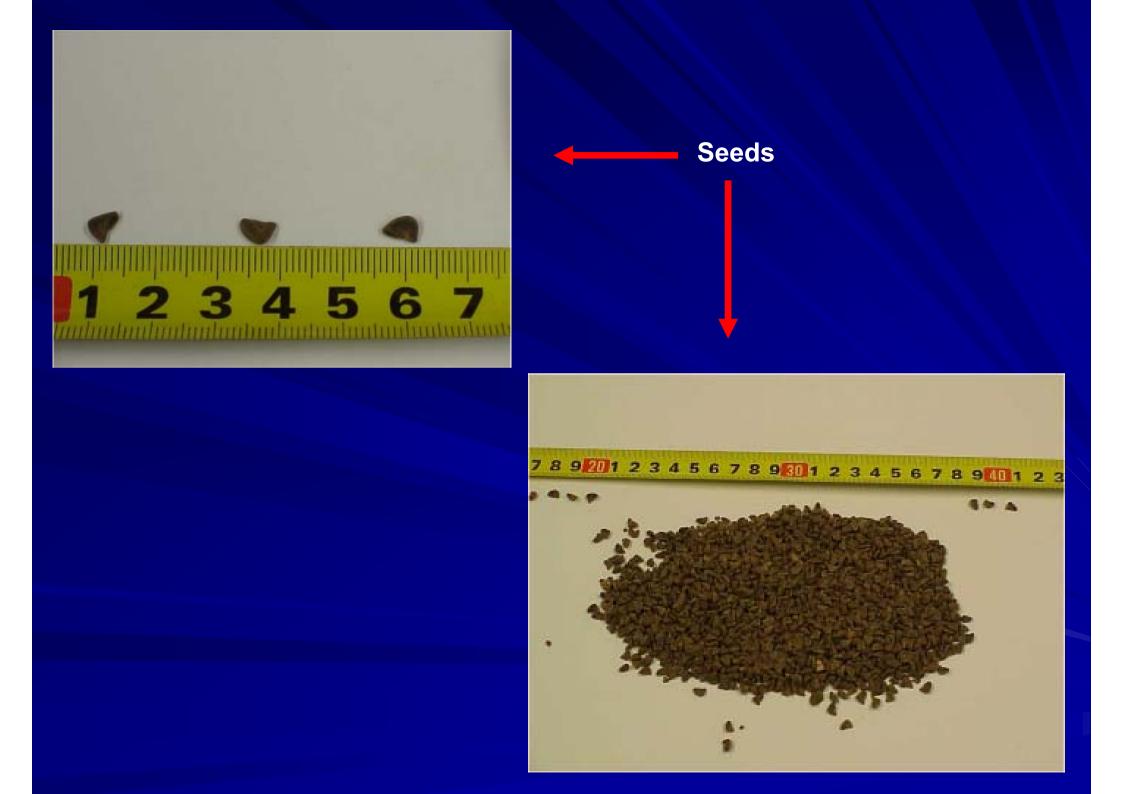
THE KENAF



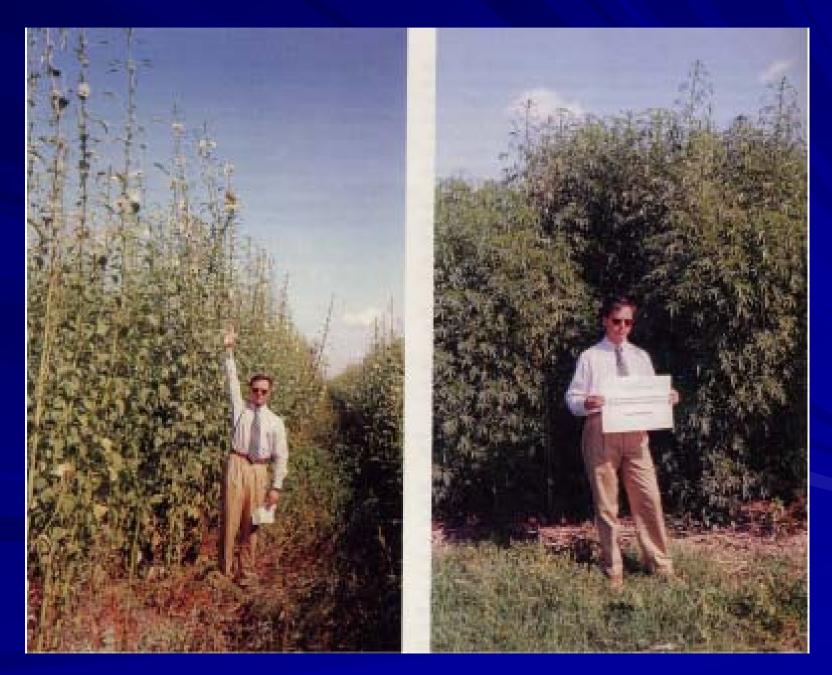




The Kenaf:Seed Population Density

Under final destination requirements
 population 60– 160 / m2
 Max / Mini.density = fiber / core

The Kenaf Characteristics

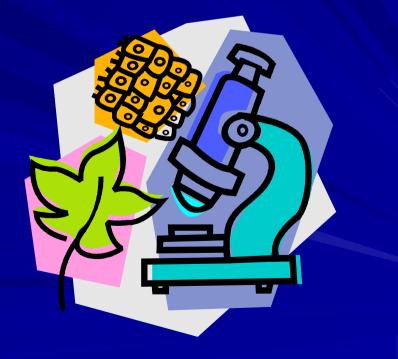


The Kenaf Stalk

External bark, *tiglio*, = fibers 30%
 Internal wood, *Kenapulo*, shives 60%
 Central pith from 6 to 10%

The Kenaf: Chemical composition

Cellulose : 45%
Emi-cellulose : 25%
Pectines : 5%
Lignin : 18%
Other : 7%





Baste fibers



High density seeding

Decorticated Stalk

Low density seeding





Bottom part cut

Upper part cut

Bast fiber Pith

Wooden core

Stalk portions

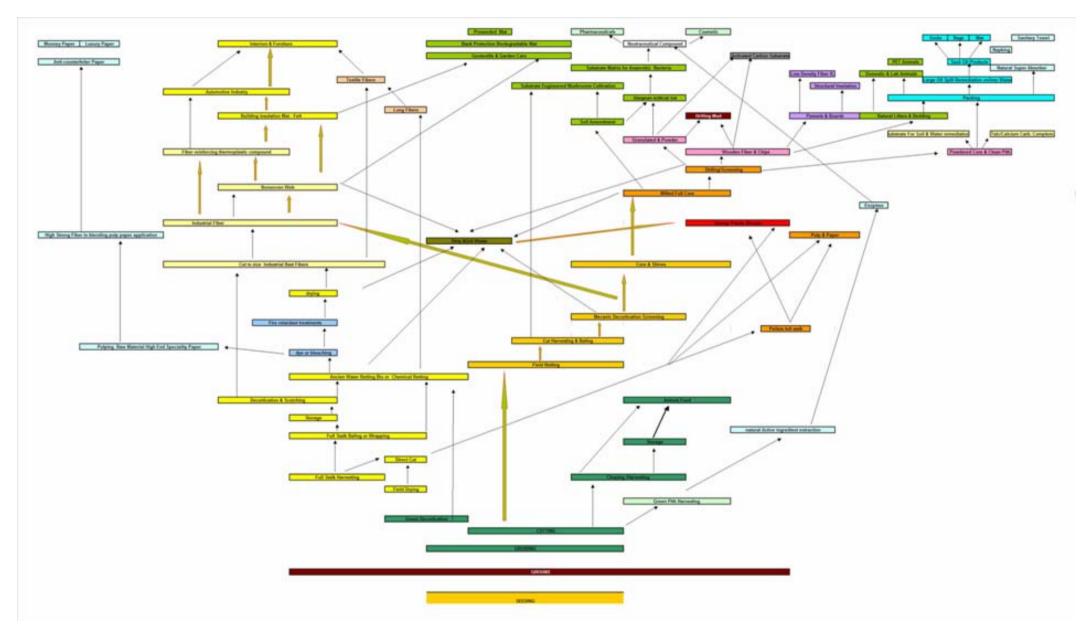


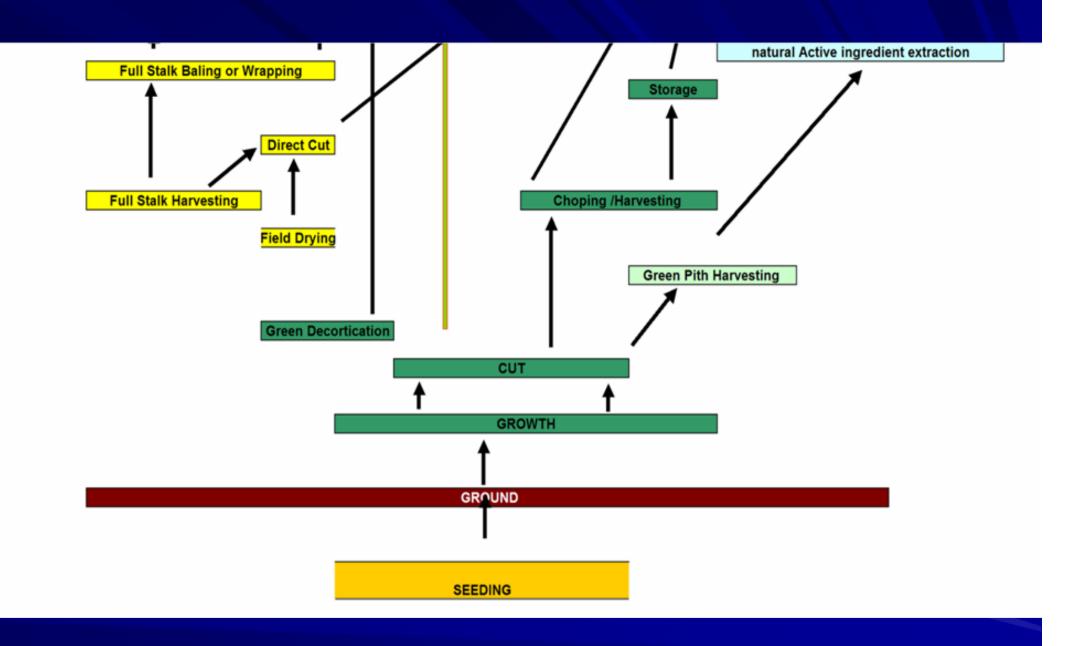
The Kenaf Harvesting

Expressly made under the needs of final product requirements

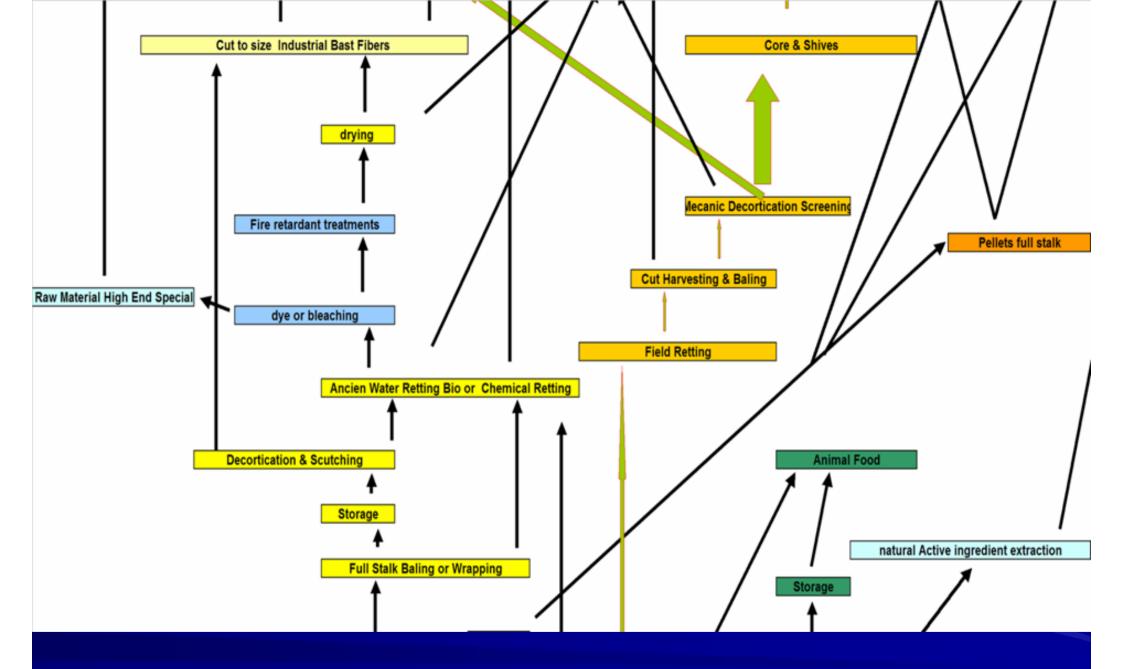
- early : good fiber quality
- late : more wooden core

THE KENAF' S UTILIZZATIONS FLOW CHARD





From seeding to harvest



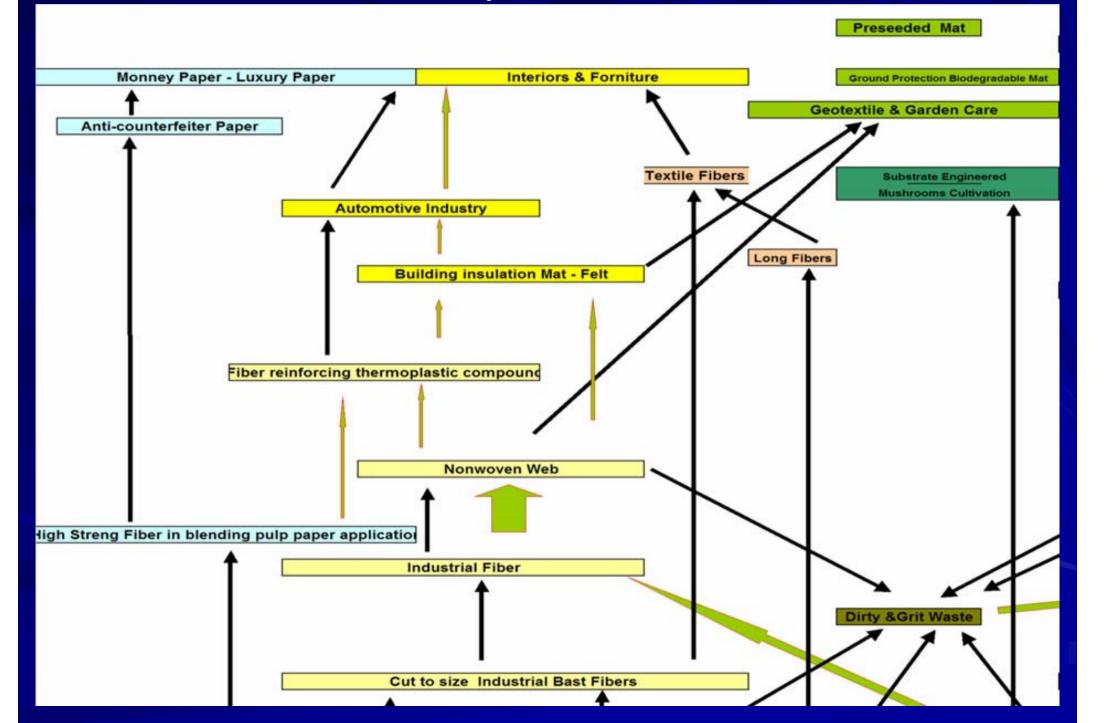
From Harvest to the Kenaf Raw Products fibres wood and pith

The KENAF: Fibers

Length: 1 – 4 mm
Thickness: 5 µ
Wall thickness: 10 µ



Way of the fiber



Papers



Fine paper applications

Muching Paper/Mat



Hygienic Paper & Napkin







Textile Fiber Applications

Automotive door trims



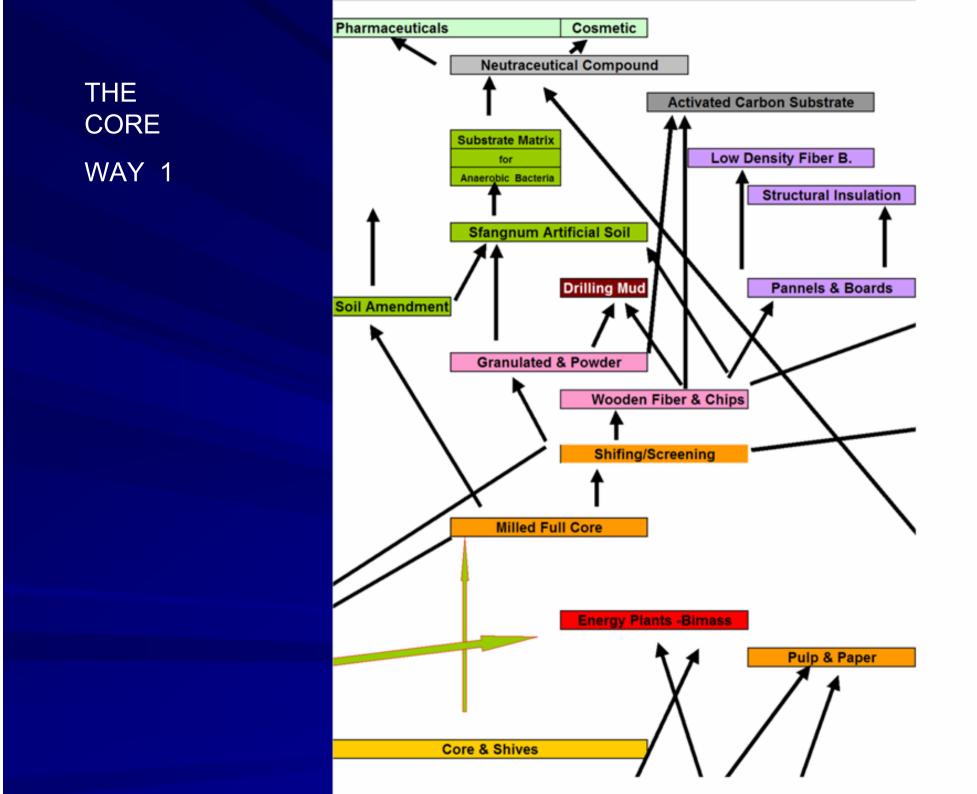
Fiber insulation board



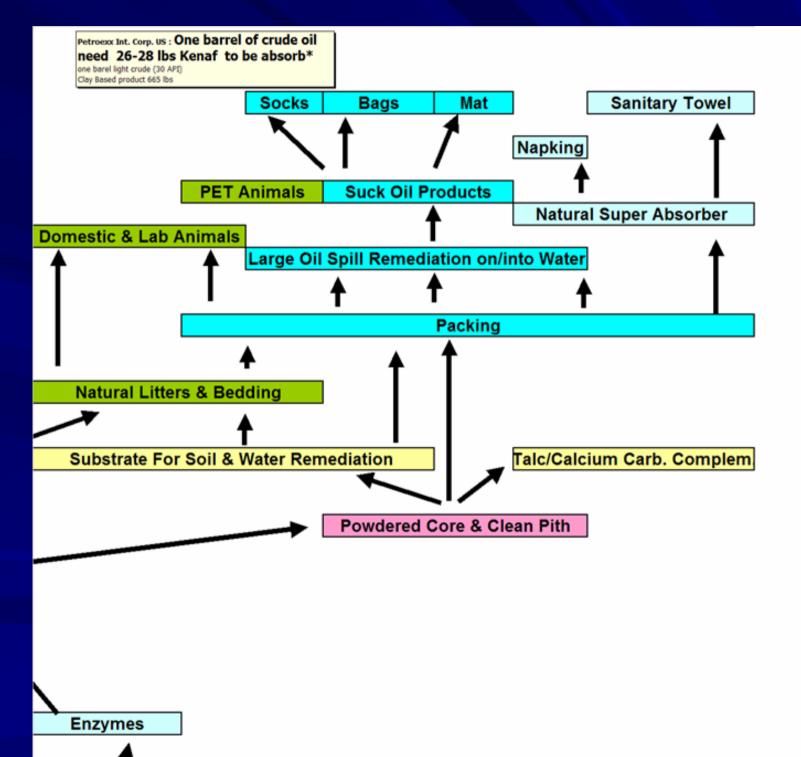
The KENAF: Core applications

Cellulose & Papers Natural litters & bedding Particle & Fibers panels Mulching & Garden protections Engineered Substrate mushroom cultivation. Super absorber or soil remediation

Kenaf Core



THE CORE WAY 2





Super Absorber for water pollutants

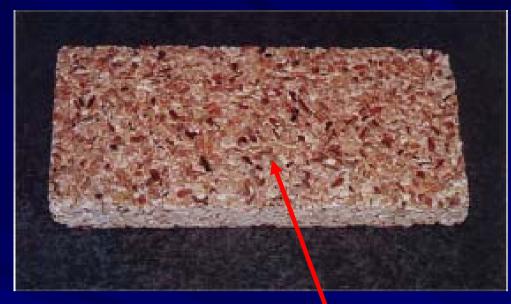
Mushroom Cultivation

Mulching for Gardens or cultivations soil

Kenaf core Applications

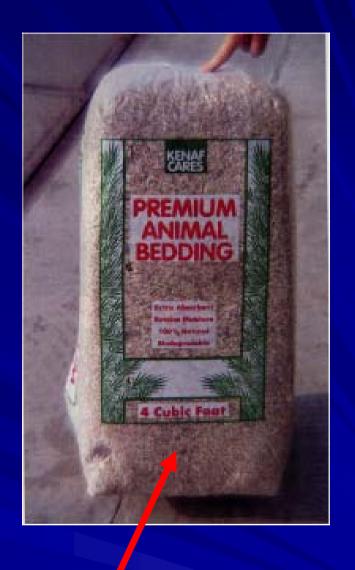






Insulation board





PET beds

Low Density Fibers Board

Kenaf core Applications

now the K.E.F.I's method cultivation production plants

0,4