

**YUTOECO**

# **Plant Fiber Cat Litter**

Introduction

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# Revolutionizing Plant Fiber Natural Cat Litter

Groundbreaking fiber recipe from  
bamboo, bagasse and straw.

Bamboo



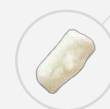
Bagasse



Straw

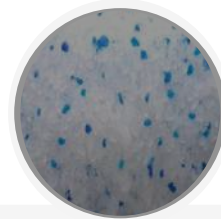


- ✓ Eco-friendly and biodegradable
- ✓ Friendly to pet and the nature
- ✓ TUV AUSTRIA & USDA certified



Capsule-forming technique

# Product unique features in comparison



Product Name	Plant fiber cat litter	Tofu mix cat litter	Bentonite cat litter	Crystal cat litter	Paper cat litter
Raw Material	Bamboo, bagasse, straw	Bean	Bentonite	Silicon	Tree
Raw Material Advantage	Sustainable Stable supply Natural & Healthy, light & durable	Natural materials, safe	Features price advantage	Stable supply performance	Various sources
Raw Material Disadvantage	No significant disadvantages	Single source	Consume the rare earth resource	Chemical composite	Consume forest resource
Cat Litter Pros	Dust free, Good clumping Flushable, Eco-friendly	Good clumping	Good wrapping	Good water absorption	Flushable
Cat Litter Cons	A bit tracking from cat litter box	Germinate bacterium	Heavy dust	Unclumping	More prone to bring out the litter

# Product main features

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**Ultra Dust Free**

Innovative  
Deodorization Tech

Comfortable

**Easily Flushable**

Long Shelf-life  
Mold-proof

**Quick Clumping**

**Lighter Volume**

Superior Water Absorption

**Anti-bacteria Non-toxic**

Patented Formula





# Ultra dust free

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Proven **99.95%** dust free

Inhale the fresh air, life is good  
for both pet and human



\*From WeiPu (the third-party) cat litter  
performance testing report  
Report No.SHA03-22120830-JC-01CnEn  
Flour content: 0.05%

# Quick clumping

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**3** seconds clumping

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## Strong wrapping performance

2.5mm pellets for faster and tighter clumping

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## Not loose

No scattering when dropping from a height of 50cm

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## Non sticky bottom

Do not stick the bottom or the wall



# Instant dissolving in water

## Easily flushable

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**100%**

Natural and biodegradable

Easy to clean  
Saving energy and time

Leftover cat litter can be used  
as fertilizer in the yard



# Anti-bacteria and non-toxic

## Patented anti-bacteria formula

**0** Formaldehyde  
Aflatoxin

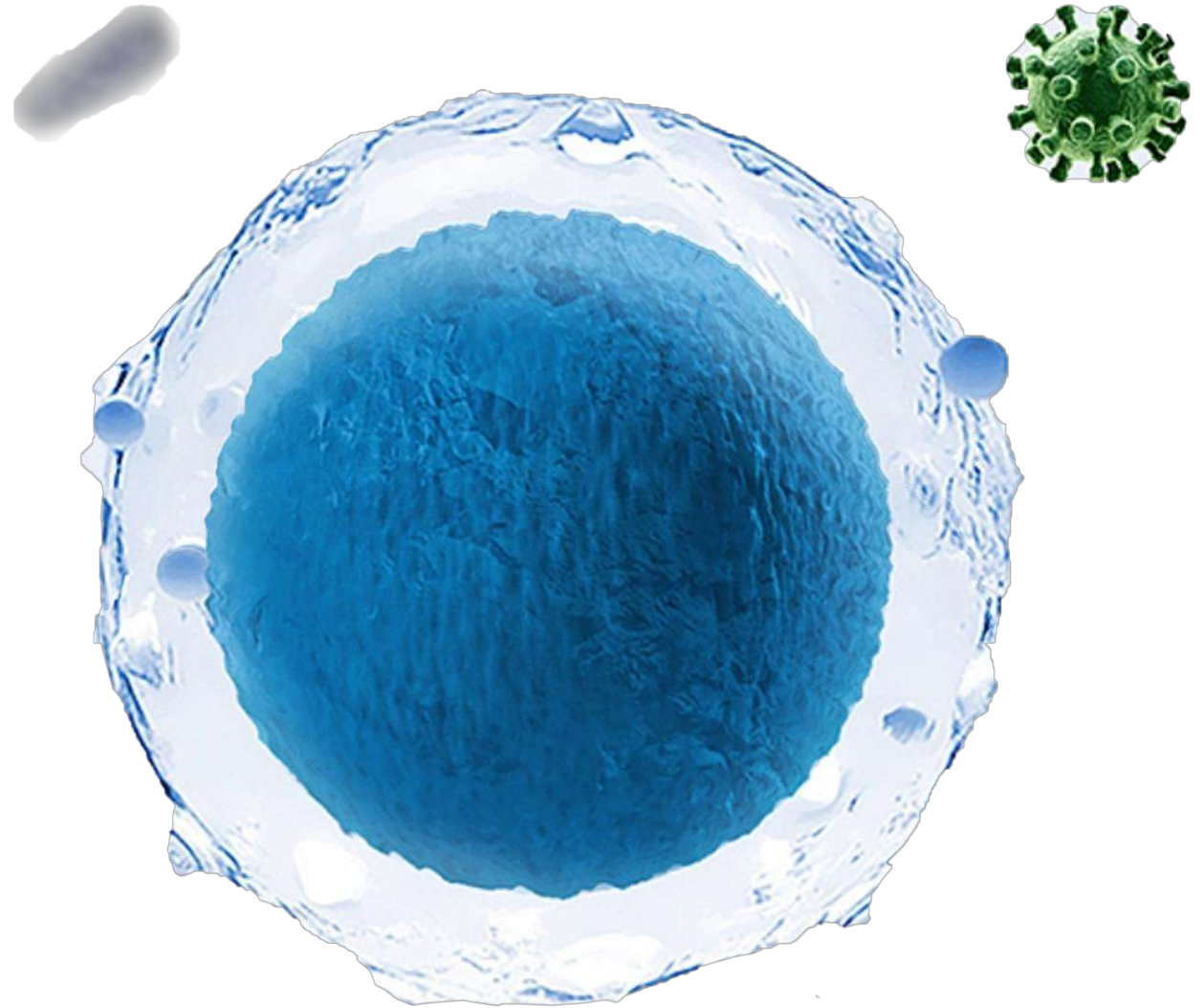
No worries for mistaken eating, safety ensured  
Safe for you and your pet

Antibacterial species: mold, salmonella, aflatoxin, pigment

1. The product passed GB5193.3-2014 China food safety standard  
Report No. 2200004750

2. Bacteriostatic testing method:  
Mold: GB/T 13092-2006, Salmonella: GB/T 13091-2018, aflatoxin NY/T 2071-2011  
Report No. 2022FM19305R02D

3. Patent application No. 202210222748.0





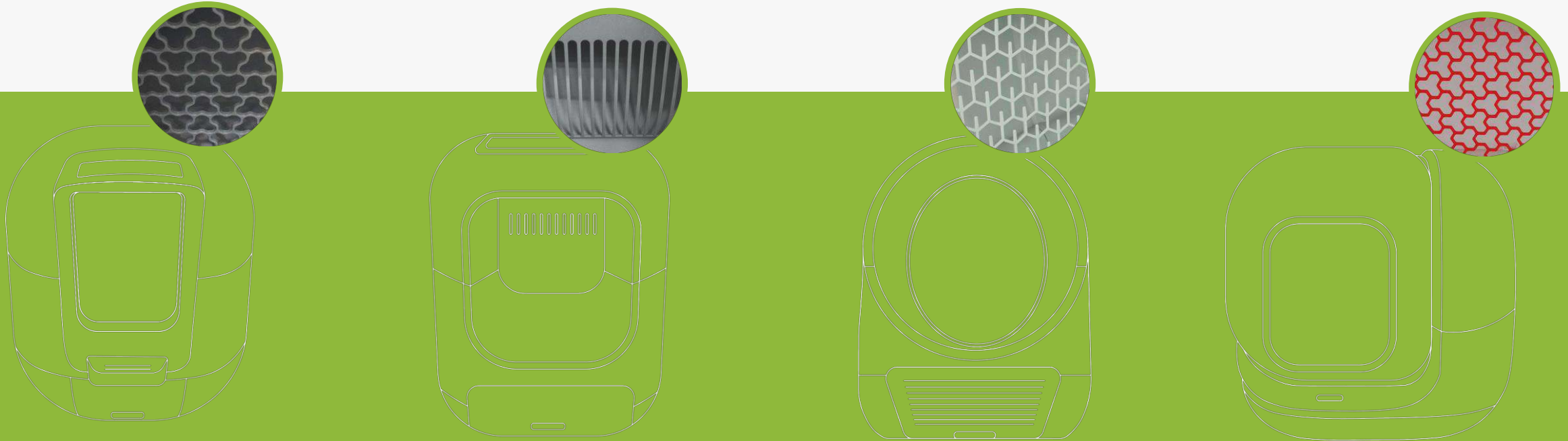
# Lighter volume, more durable



# Compatible with all mainstream smart litter boxes

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Applicable to grid plate of automatic cat litter machine from different brands  
Easy to clump and separate, automatically falling to the rubbish bag



# Superior water absorption

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“LOCK-IN” water absorption technology

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**230%** water absorption rate

Saving twice usage of cat litter compared with tofu mix cat litter





# Long shelf-life and mold-proof

**Stable quality  
when exposed to air**



Plant fiber cat litter :5~7 days  
(Unchanged)

Breeding bacteria affect humans'  
and pets' health



Toufu cat litter: 5~7 days  
(Moldy)



# Long-lasting odor control

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Innovative deodorization tech

Enjoy nice environment



Odor control for 4 days  
(Mildew status)

## Suitable pellet size

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2.5mm pellet size designed for comfort and optimal "paw-feel"





## Part 3

# Corporate Strength



YUTOECO is a corporate brand of YUTO group, focuses on environmentally friendly packaging and sustainable development. We continuously move forward on the research and development of ECO packaging and new sustainable materials, and provide clients with the best solutions in the field of ECO packaging, to realize the goal of creating green life for everyone.

### **Our Value**

Reliability, Innovation, Sustainability

### **Our Vision**

Green Life for Everyone

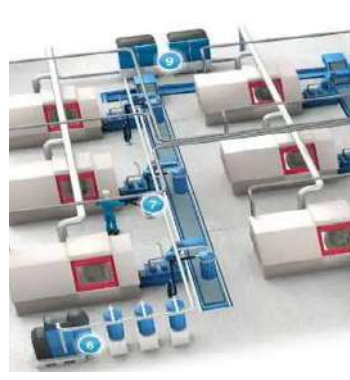
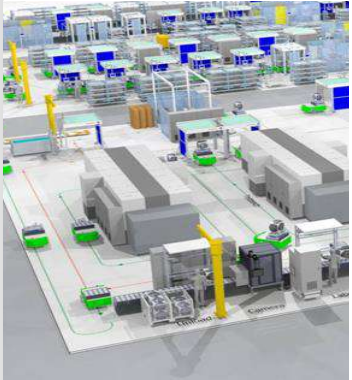
### **Our Position**

Sustainable Packaging Solution Provider





# YUTOECO production for cat litter



R&D auto machine (Sketch map)

## Capacity

- Annual capacity of 5000 tons/line
- The overall energy consumption of the production process is above 50%, less than that of regular cat litter
- Central dust collection and treatment system guarantees clean workshop
- Non-contact heat exchange drying process, and no open fire environment ensure absolute safety

# Setting quality standards



报告编号/Report No.: SHAB3-22049485-3C-01CatL 页码/Page(s): 3 / 6

2. 吸水率"Water Absorption", 结团性能"Agglomeration property", 结团强度"Aggropose Strength", 结团硬度"Unit and conque", 崩解性"Disintegrability", 含砂率"Free content", 水含量"Free content", 含氮量"Total nitrogen"

检测方法/检测仪器/Test Method and Apparatus

检测项目 Test Item	检测方法 Test method	检测仪器 Apparatus
吸水率* Water Absorption*	TACQA11-3020 6.3	电子天平 (PL2-204) (Electronic Balance (PL2-204))
结团性能* Agglomeration property*	TACQA11-3020 6.2	
结团强度* Aggropose Strength*	TACQA11-3020 6.5	
结团硬度* Unit and conque*	TACQA11-3020 6.4	
崩解性* Disintegrability*	TACQA11-3020 6.6	恒温烘箱 (XMTA-RX-6000) (Constant temperature oven (XMTA-RX-6000))
含砂率* Free content*	TACQA11-3020 6.8	
水含量* Free content*	GB/T6415-2014	
含氮量* Total nitrogen*	GB/T 1466-2013	

检测结果/Test Results

检测项目 Test Item	单位 Unit	检测结果 Result	要求 Requirements	结论 Conclusion
吸水率* Water Absorption*	%	51.2	≥10	符合 Meet
结团性能* Agglomeration property*	cm	4.7	≤6	符合 Meet
结团强度* Aggropose Strength*	%	90.3	≥10	符合 Meet
结团硬度* Unit and conque*	N/20g	41.35	≤45	符合 Meet
崩解性* Disintegrability*	s	83	≤10	符合 Meet
含砂率* Free content*	%	0.00	≤1	符合 Meet
水含量* Free content*	%	8.9	-	-

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Participating in establishing the national standards: *Plant Fiber Cat Litter* (Joint project with China Paper Association)

Establishing enterprise standards:  
*Regulations for Plant-based Cat Litter*, *Regulations for the Raw Materials of Plant-based Cat Litter*

Multiple performance indexes have passed tests of professional third-party institutes.



## Eco-friendly, biodegradable



Four-star Certificate of OK Biobased  
(Highest Grade)



USDA Certified Biobased Product  
(Product 94%)



# GREEN LIFE FOR EVERYONE



**YUTOECO**

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