



Chile

Matter of Trust

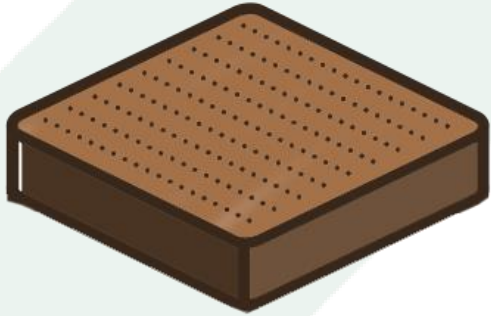


Global Felting Hubs, Research & Partners

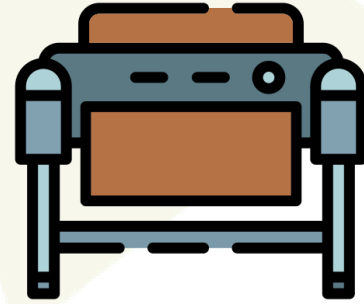


Innovación en residuos

Resultado del proceso

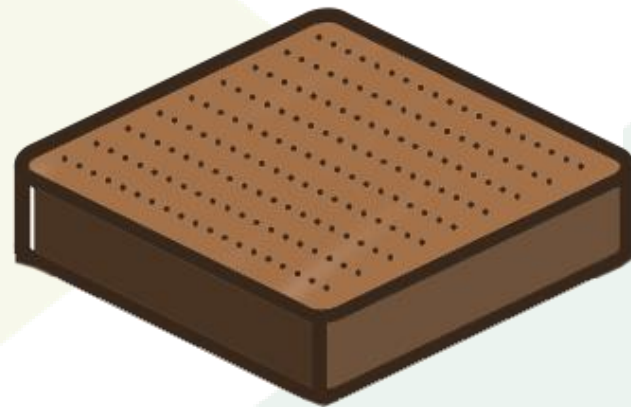


**Producto
de venta**



**Insumo para
procesos
propios**

AGROPELO:
ACOLCHADO DE
AHORRO HÍDRICO
Y REGENERADOR
DE SUELOS



AgroPELO[®]
especial para tus plantas


Matter of Trust Chile



**12.661.442
HECTÁREAS
EN RIESGO
MUY ALTO DE
DESERTIFICACIÓN**

***FUENTE: Reporte Nacional de Degradación de las Tierras, CONAF 2022**



**DISMINUCIÓN DEL
50% DE AGUA ENTRE
2030 Y 2060**

**DEGRADACIÓN DE
LOS SUELOS
DESERTIFICACIÓN**



**DISMINUYE EN UN
71% LA PÉRDIDA
DE EVAPORACIÓN
DIRECTA DEL SUELO**



REGENERA EL SUELO

“Se puede notar una mejora en la calidad del **material orgánico** y su cantidad.

El **nitrógeno** en el suelo ha aumentado y *una integración más natural con los minerales de la zona*”

FUENTE: Estudios Roberto Mora, Calama



**PLANTAS 20%
MÁS GRANDES**



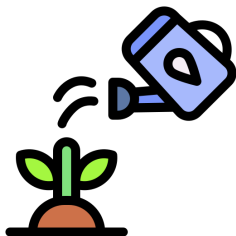
**EVITA
MALEZAS**



**AUMENTO DE
PRODUCCIÓN
EN CALIDAD Y
CANTIDAD**



**REGENERA
EL SUELO**



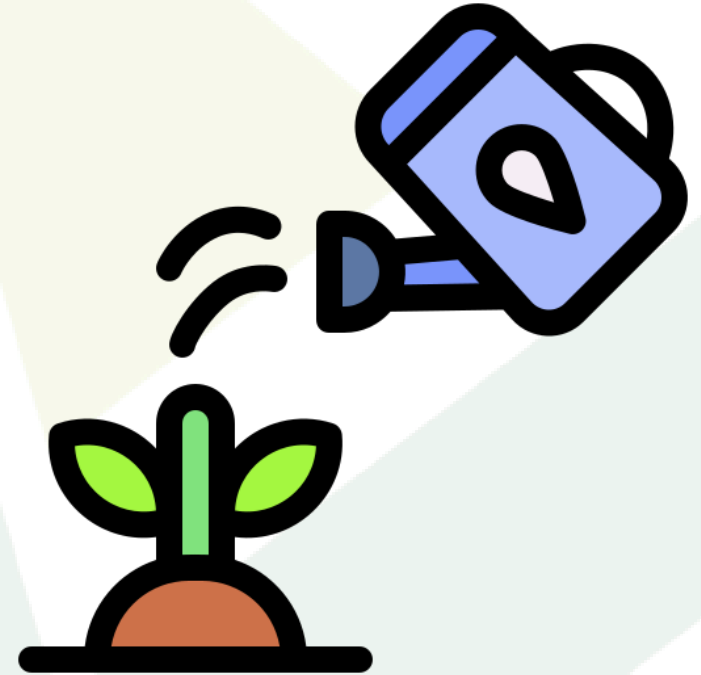
50% AGUA DE RIEGO



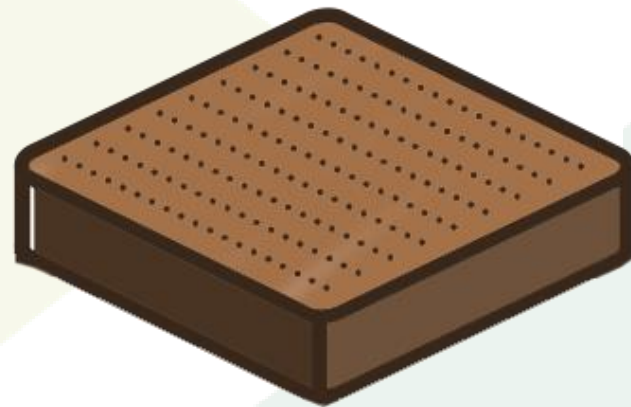




**CADA KILO DE
PELO AHORRA
20.736 LITROS DE
AGUA DE RIEGO**

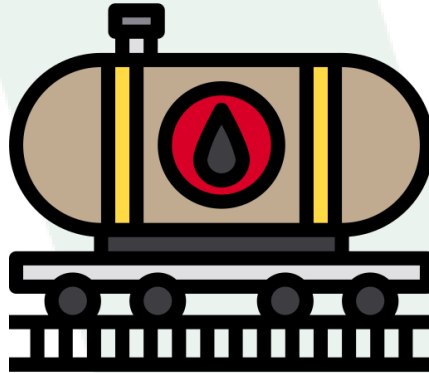
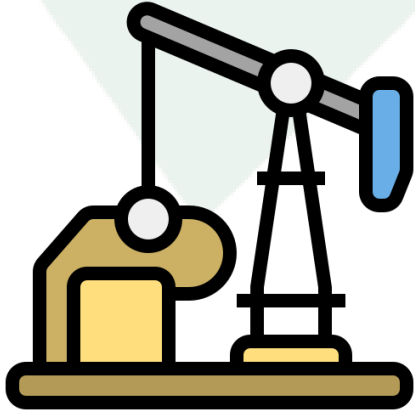


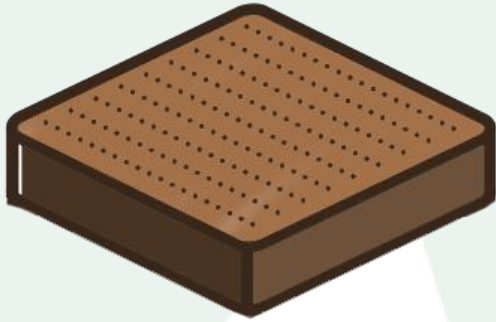
PETROPELO:
SISTEMA DE
RECUPERACIÓN
DE PETRÓLEO E
HIDROCARBUROS



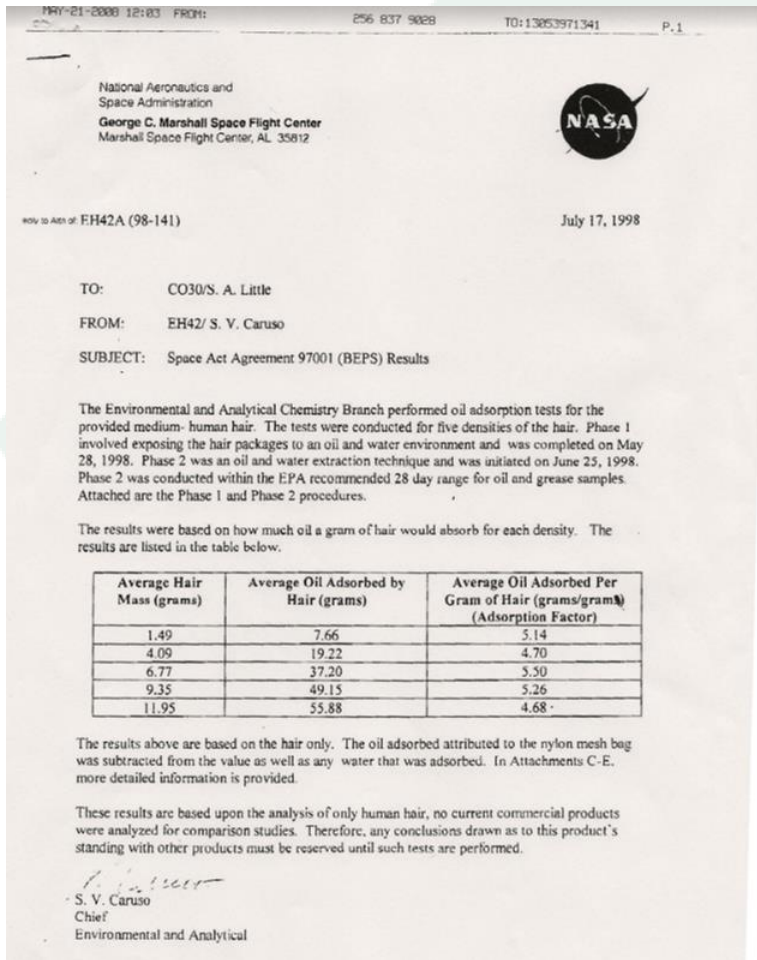
PetroPELO[®]
captación de hidrocarburos

**600 MILLONES LITROS DE
HIDROCARBUROS SE DISPERSAN
EN EL AMBIENTE CADA AÑO**





**1KG DE CABELLO ABSORBE
8 KG DE HIDROCARBUROS**




environments



Article

Decontaminating Terrestrial Oil Spills: A Comparative Assessment of Dog Fur, Human Hair, Peat Moss and Polypropylene Sorbents

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Abstract: Terrestrial oil spills have severe and continuing consequences for human communities and the natural environment. Sorbent materials are considered to be a first line of defense method for directly extracting oil from spills and preventing further contaminant spread, but little is known on the performance of sorbent products in terrestrial environments. Dog fur and human hair sorbent products were compared to peat moss and polypropylene sorbent to examine their relative effectiveness in adsorbing crude oil from different terrestrial surfaces. Crude oil spills were simulated using standardized microcosm experiments, and contaminant adsorbency was measured as percentage of crude oil removed from the original spilled quantity. Sustainable-origin adsorbents made from dog fur and human hair were equally effective to polypropylene in extracting crude oil from non- and semi-porous land surfaces, with recycled dog fur products and loose-form hair showing a slight advantage over other sorbent types. In a sandy terrestrial environment, polypropylene sorbent was significantly better at adsorbing spilled crude oil than all other tested products.

Keywords: crude oil; petroleum contamination; disaster management; land pollution







**UN CORTE DE
PELO PUEDE
DESCONTAMINAR
20.000 LITROS DE
AGUA**



A person wearing a dark long-sleeved shirt and a wide-brimmed hat is working in a cornfield. The person is bent over, tending to the plants. The background shows rows of corn plants under a clear blue sky. The overall scene is bright and sunny.

APRENDIZAJES Y RECOMENDACIONES

**PONLE
CREATIVIDAD
D
A TU VIDA**





Envia ese correo
El NO ya lo tienes

SOLUCIONES LOCALES PARA DESAFÍOS GLOBALES



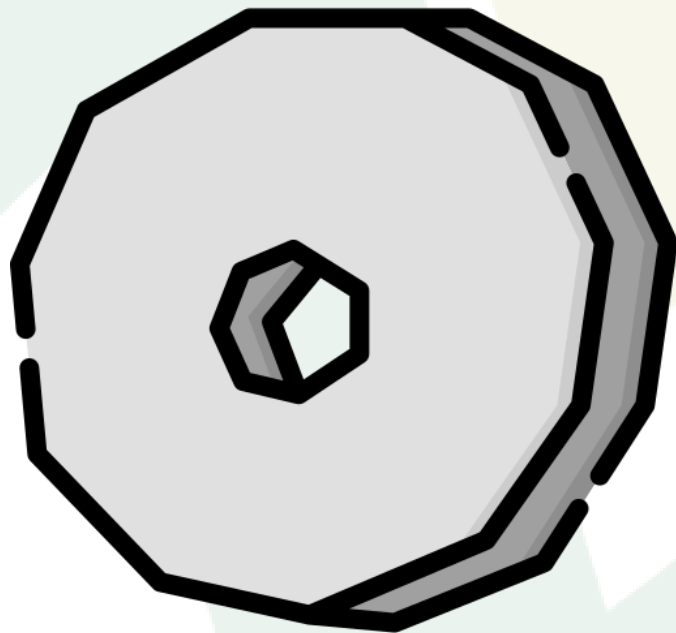
ENAMÓRATE DEL PROBLEMA



COMPARTE INFORMACIONES



NO REINVENTES LA RUEDA





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