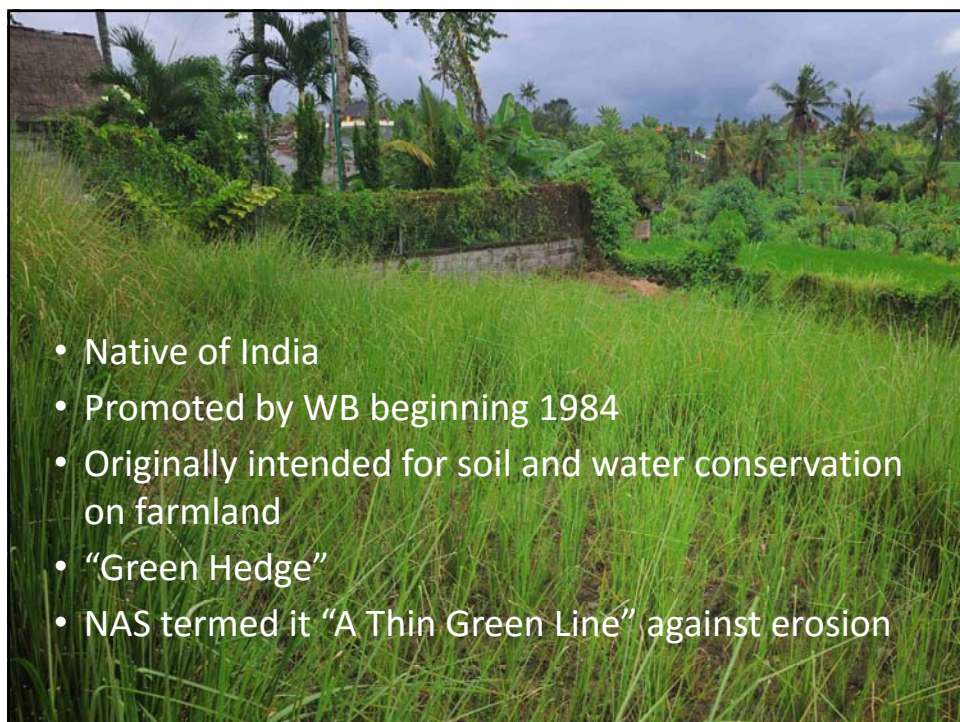
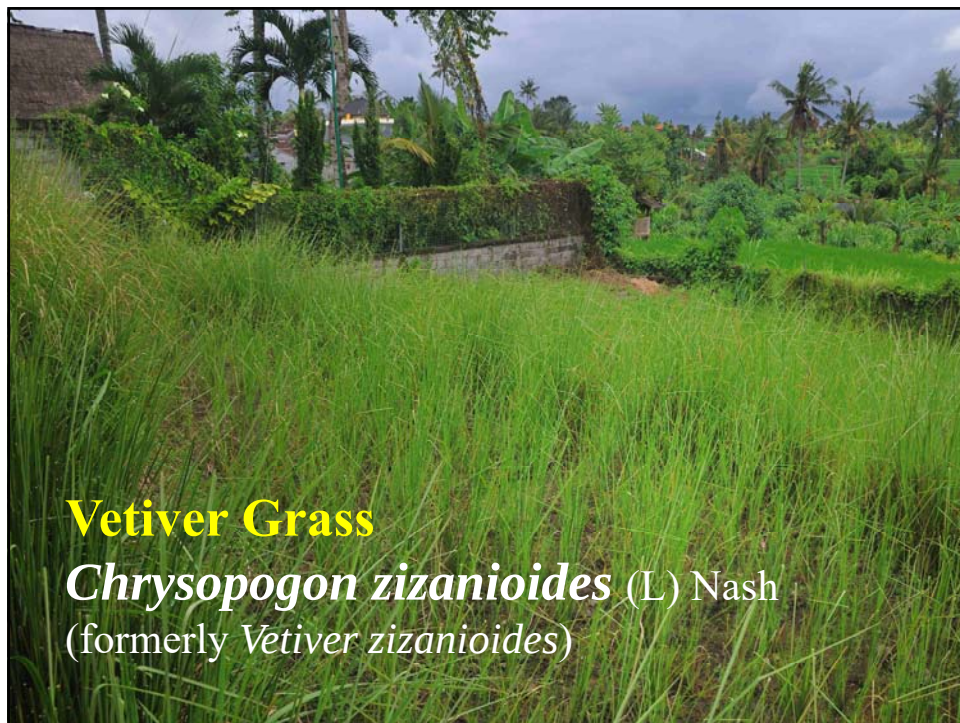
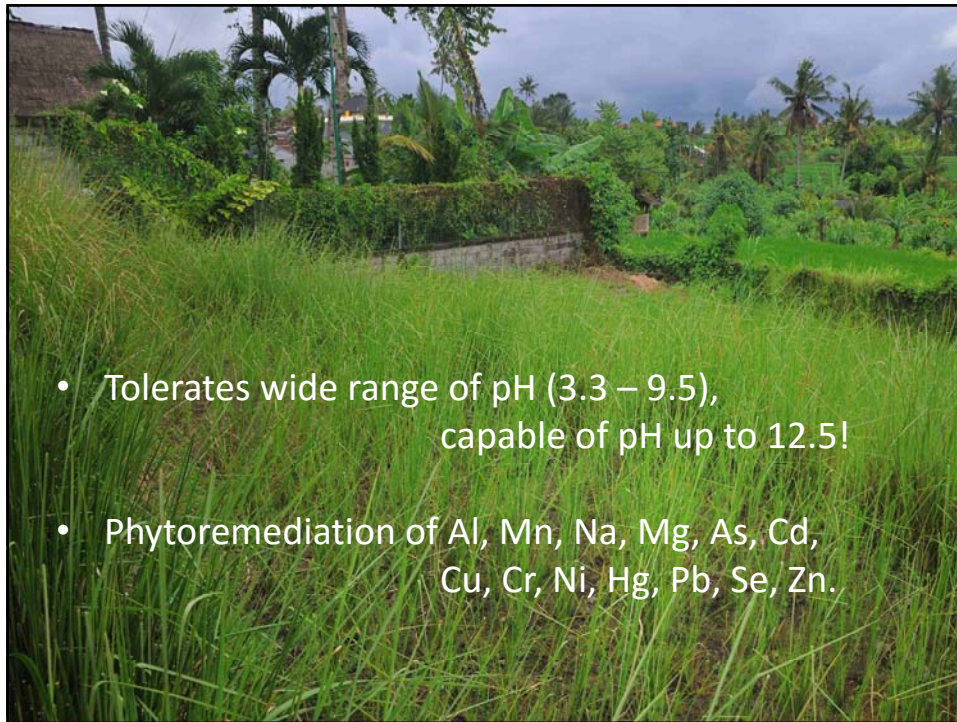
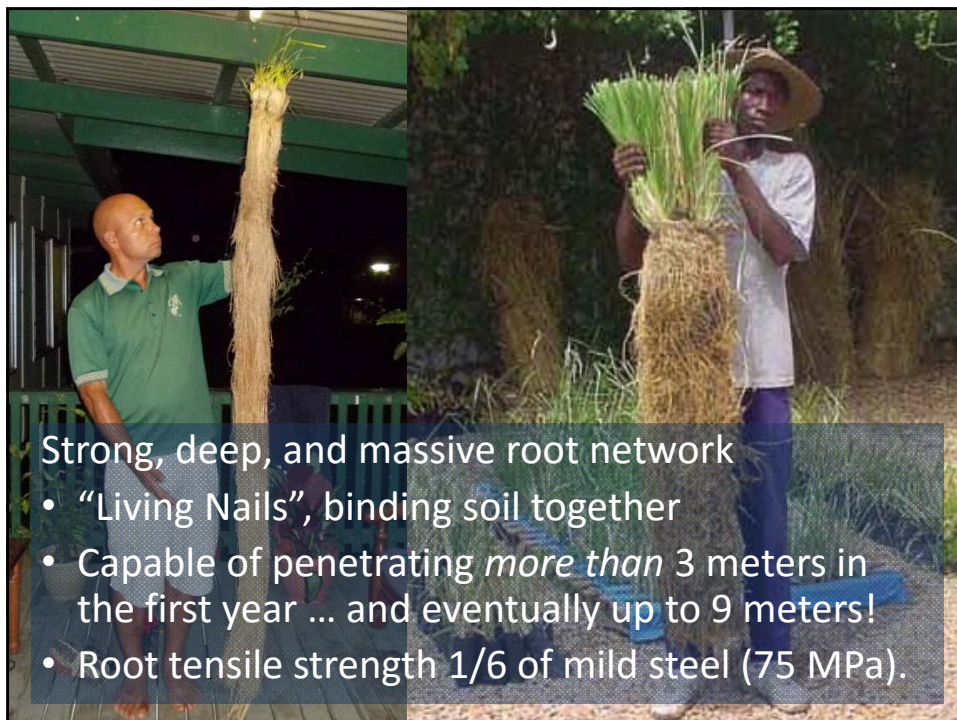














- Stiff and erect leaves capable of withstanding flowing water up to 5m/second!
- Forms living hedges capable of holding back floods, slowing water flow, and filters suspended sediment reducing soil loss.



Farmers using VS to shape, support, and protect terraces which allow them to farm important vegetable crops on land that was previously unusable (Bali, Indonesia)

- Vetiver grass forms permanent vegetative hedges which slow surface water flow, trap sediment, and eventually form natural terraces!



Cross-sectional view of a 2-year old vetiver hedge.



VS in Malaysia, reducing soil and moisture loss.



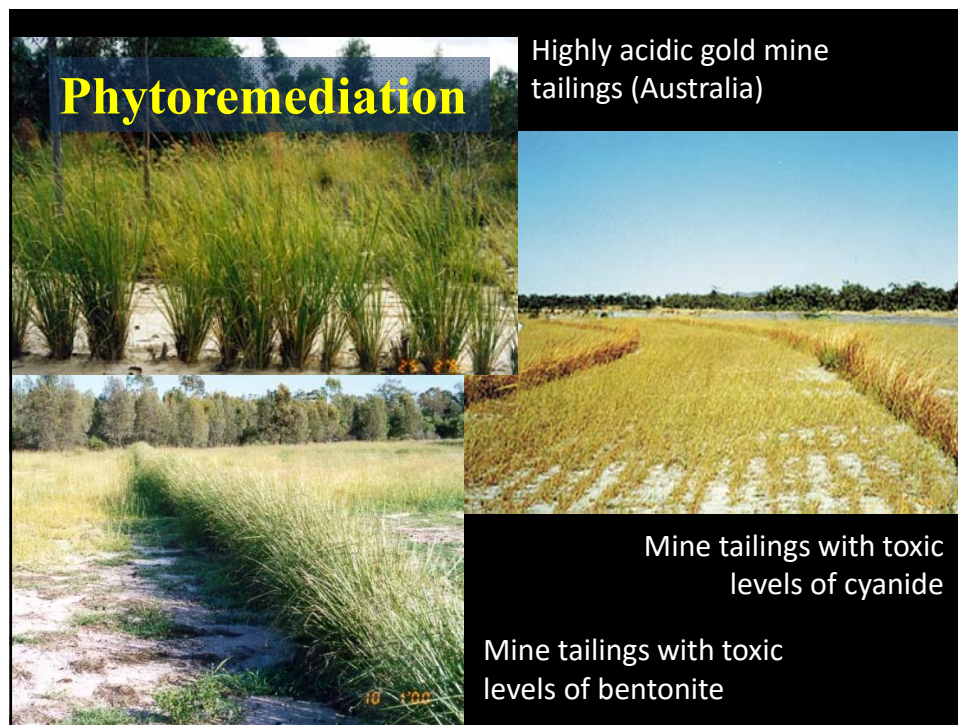


Nutritional values of **Vetiver**, **Rhodes** & **Kikuyu** grass in Australia

Analytes	Units	Vetiver grass	Vetiver grass	Vetiver grass	Rhodes	Kikuyu
		Young	Mature	Old	Mature	Mature
Energy (Ruminant)	kCal/kg	522	706	969	563	391
Digestibility	%	51	50	-	44	47
Protein	%	13.1	7.93	6.66	9.89	17.9
Fat	%	3.05	1.30	1.40	1.11	2.56
Calcium	%	0.33	0.24	0.31	0.35	0.33
Magnesium	%	0.19	0.13	0.16	0.13	0.19
Sodium	%	0.12	0.16	0.14	0.16	0.11
Potassium	%	1.51	1.36	1.48	1.61	2.84
Phosphorus	%	0.12	0.06	0.10	0.11	0.43
Iron	mg/kg	186	99	81.40	110	109
Copper	mg/kg	16.5	4.0	10.90	7.23	4.51
Manganese	mg/kg	637	532	348	326	52.4
Zinc	mg/kg	26.5	17.5	27.80	40.3	34.1

THE VETIVER NETWORK INTERNATIONAL























THE VETIVER NETWORK

www.vetiver.org

Free Is Sweet / Free Learning Sources for GIS and Geospatial Analysis | Environmental Science & Geospatial Lab
https://vsn.wordpress.com/2015/07/23/free-is-sweet-free-learning-sources-for-gis-and-geospatial-analysis/

The Vetiver Network International
Proven & green environmental solutions

Patron - H.R.H. Princess Maha Chakri Sirindhorn of Thailand

42 reviews
Average rating
★★★★★
Read reviews about The Vetiver Network International

FACEBOOK
BLOG
VETIVER LIBRARY (NEW)
WHAT'S NEW

VETIVER SYSTEM APPLICATIONS

- Agriculture Improvement
- Community Development
- Disaster Mitigation
- Handicrafts
- Landscaping
- Prevention & Treatment of Contaminated Water & Land
- Soil Erosion Control
- Slope Protection
- Vetiver Plant & Management

OTHER LINKS

- Archives
- Conference Proceedings

The Vetiver System
Organic "glue" to support sustainable development at all scales

Infrastructure Investment

- Protect communities and their roads, bridges, dams, railroads, buildings, ports, river banks and levees.
- Control sedimentation of water bodies.
- Reduce infrastructure maintenance costs.
- Rehabilitate lands.

Socially Sound Development

- Protect water supplies.
- Clean polluted water.
- Decrease water-borne diseases.
- Treat wastewater and sewage.
- Mitigate industrial and mining pollution.
- Reduce vulnerability to climate change and natural disaster.
- Protect and provide livelihoods.

Agriculture Productivity

- Stop soil loss.
- Increase and conserve soil moisture.
- Protect soil fertility.
- Increase productivity of agro-forestry and reforestation.
- Improve small scale and commercial farming.
- Sustain hillside agriculture.
- Increase forage production.
- Protect agricultural lands and infrastructure.
- Reduce pollution from sediments and pesticides.

TVNI Mission
The Vetiver Network International (TVNI) promotes the worldwide use of the vetiver system (VS) for a sustainable environment particularly in relation to land and water.

Please support TVNI operations with a donation (your tax deductible donation will generate an emailed receipt)

Donate

Network history, achievements and timeline presentation

For Vetiver users in Kenya: join the Platform for Land Use Sustainability (PLUS-Kenya). See [details](#) on VS applications, and other innovations for sustainable Land and Water Resource Management.

VETIVER GRASS SYSTEM

www.vetiver.org/plantsuppliers.htm

Would you like to translate this page? [Options](#)

Vetiver Plant Suppliers

Vetiver System plant suppliers play a key role in the promotion of the Vetiver System. Note: this list is far from complete. We are happy to publish particulars about vetiver grass nurseries, suppliers, and VS installers. In addition TVNI certifies Vetiver System providers as to their competence and technical excellence. We encourage certification. Once certified they are [listed](#) on this website. New clients can be reasonably assured of a good service from those certified.

Country	Address	Email
AUSTRALIA	Dr. Paul Truong VETICON CONSULTING Pty Ltd. Postal: 23 KIMBA Street, Chapel Hill 4069, Brisbane, Queensland, AUSTRALIA Tel: +617 3378 3174 Fax: +617 3378 3187 Australian Tel: (07) 3378 3174 Fax: (07) 3378 3187	p.truong@veticon.com.au
BOLIVIA	CEDEC Casilla 196 Sucre - Bolivia Tel: (591) 064-25008; Fax: (591) 064-32628 Cajalades pequeñas (menos de 50 césped)	
BOLIVIA	For. Guilber Céspedes W. PLAFOR - Sucre Casilla 637 c. Gendarillas esp. Otrera Gutiérrez s/n Sucre - Bolivia Tel: 591-064-62102; Fax: 591-064-61204	
BOLIVIA	Joachim Boehmert Sapecho - Alto Beni - www.vetiverbolivia.org	jboehmert@gmail.com

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For Californians who need to stabilize slopes, go to this picture gallery [link](#), and a special California related [flyer](#).

USA users - go to this [Plant Guide](#) about Vetiver (Sunshine cultivar), published by USDA/NRCS -

Plant Suppliers & Consultants
www.facebook.com/groups/916883279

The Vetiver Network International (TVNI)

website: <http://www.vetiver.org/>

