

# FIRE TOLERANCE OF VETIVER GRASS

PAUL TRUONG *Veticon Consulting* and FRANK MASON *Queensland State Development, Mackay, Australia*

## INTRODUCING NO-FEAR VETIVER

We all know that this extraordinary plant can tolerate extreme environmental conditions, for instance air temperature from 55°C on Kimberlite in South Africa to -22°C in northern China. But one aspect that really holds our fascination is its fire tolerance. The following photos illustrate convincingly that Vetiver plant is almost indestructible by fire, so we gave it a more appropriate name:

**NO-FEAR VETIVER.**



Almost 100% recovery 8 months after severe burning



Very hot fire needed to control mice infestation in winter in a wheat crop in Queensland.



Burnt to the ground



Complete recovery 8 months later



Burnt vetiver

Very severe burning by bush fire, note the top growth was completely burnt out



Two weeks after fire and rain



Regrowth from underground buds

Four weeks after fire



Seven weeks after fire



Seven months after fire



Before the fire, this 3 year old vetiver hedge planted to stabilise a railway line in Queensland, Australia



A severe bush fire swept through the area and destroyed all vegetation

Vetiver regrowth 4 weeks after fire



Bare ground

Vetiver regrowth 8 weeks after fire



Vetiver regrowth 4 months after fire



Vetiver regrowth 7 months after fire