

Appropriate Technology

March 2003

Volume 30, No 1

ISSN: 0305-0920

Incorporating
Agriculture &
Equipment International
International Agricultural
Development
and
gate-technology &
development

gate

Editor
David Dixon
"Carpenters", Chetnole
Sherborne Dorset
DT9 6PF, UK
Tel: +44 (0)1935 872 695
D.Dixon@farmline.com

Consultant Editor
John Madeley
George Macpherson

Publishing Director
Kumar Patel

Production Director
Bob Yorke

Subscription Director
Richard Wood

Advertising Director
Ras Patel

2003 Subscriptions:
**Individuals: £48 (US\$84) per
annum**
**All other subscribers: £120
(US\$210)**

Published quarterly in Britain by
Research Information Ltd
222 Marylands Avenue
Hemel Hempstead, Herts.
HP2 7TD, UK
Tel: +44 (0)20 8328 2470
Fax: +44 (0)1442 259395
info@researchinformation.co.uk
www.researchinformation.co.uk

Contents

REGULAR FEATURES	
4	Comment Activating sustainable development
5	News briefing
15	TDR / AT Photofeature
19	Health matters
24	Forthcoming
25	Northern news
31	Broad Bush by John Madeley
37	ITDG briefs
43	Inprint
57	Renewable Energy
62	gate ...
68	Education and training
IN THIS ISSUE	
8	Agriculture Honey and silk improve livelihoods Making maize striga proof Seeding the hopes for sustainable future Partnership formed to improve cassava New disease threatens bananas in Eastern Africa
29	Information Technology West Africa to get on-line IT manages water resources
33	Gender Soap from waste avocados Improved agricultural technology for women in India East India rainfed farming project
39	Marketing Made in the Andes Quinoa: More is better
46	Water Rainwater harvesting secures water supplies Re-inventing the wheel
49	In practice Linked With The Stars John Deere's System
51	Integrated pest management Endophytes back Beating bollworms biologically New tools for controlling ticks
55	Housing Eco friendly and energy efficient
70	Agroforestry Agroforestry benefits are not fully realised

The publishers gratefully acknowledge the support of regular bulk subscribers to Appropriate Technology including, Misereor, CAFOD, ITDG, Peace Corp and VSO.

Front Cover: Better quality alpaca fibre is having an impact on the lives of Peruvian farmers, herders and weavers.

Credit: International Potato Centre (see page 39)