

## **Tropical Grasslands Volume 37 (4) December 2003**

Issue No. 4 contains the Proceedings of the **Forage Demand and Adoption by Smallholder Livestock Keepers Workshop** held at the International Livestock Research Institute, Addis Ababa, Ethiopia in June 18-20, 2001.

Papers were contributed under the headings of:

### **Current and future needs for forage**

**Forage technology adoption: linking on station research with participatory methods**—by Michael Peters and Carlos Lascano, on pages 197-203.

### **Farmer demand for forages**

**Tropical forage research for the future – better use of research resources to deliver adoption and benefits to farmers**—by Bruce Pengelly, Anthony Whitbread, P.R. Mazaiwana and N. Mukombe, on pages 207-216.

### **Case studies on uptake of forage innovations in livestock production systems**

**Assessing factors influencing adoption of pastures and fodders amongst smallholder subsistence framers in selected districts of west Kenya**—by J.M Wanyama, F.N. Muyekho, A.A.O. Masinde, D.T. Cheruiyot, J. Odongo, M. Ojowi and R. Okeyo, on pages 219-226.

**Adoption of forage legumes: the case of *Desmodium intortum* and *Calliandra calothyrsus* in central Kenya**—by D.M. Mwangi and C. Wambugu, on pages 227-238.

**The adoption and scaling up of the use of fodder shrubs in central Kenya**—by S. Franzel, C. Wambugu, P. Tuwei and G. Karanja, on pages 239-250.

**Development and transfer of forage production technologies for smallholder dairying: case studies of participatory evaluation of species and methods of establishment in western Kenya**—by F.N. Muyekho, L. Mose and D.T. Cheruiyot, on pages 251-256.

**Community-based forage development program: the experiences of FARM Africa Goat Project in Ethiopia**—by Zewdu Ayele, on pages 257-261.

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**Forage demand and constraints to adoption of forage technologies by livestock keepers in Malawi**—by Moffat Kumwenda and Austin Ngwira, on pages 274-278.

**Farmer experiences in the production and utilisation of fodder trees in Zimbabwe: constraints and opportunities for increased adoption**—by L. Hove, S. Franzel and P.S. Moyo, on pages 279-283

**Adoption of dual-purpose forages: some policy implications**—by M.L.A. Lapar and S. Ehui, on pages 284-291.

### **Promoting adoption of forage technologies**

**Integrating forage technologies on smallholder farms in the upland tropics**—by Ralph Roothaert, Peter Horne and Werner Stür, on pages 295-303.