

Integrating genetic improvement

Integrating genetic improvement
into livestock development in low-input production systems

Long-term strategies for improvement schemes in tropical production systems should focus on the use of indigenous populations, in purebred or in crossbreeding systems with improved breeds...

Introduction

Integration of genetic improvement activities with other programmes

Management of genetic improvement programmes

Relevance of advanced technologies

Conclusion

References

1. Aboul-Naga, A.M. (2000) ICAR Technical Series No 3 : 293-299.
2. Amer, P.R., Mpofu, N. and Bondoc, O. (1998) Proc. 6th WCGALP 28 : 97-103.
3. Bebe, B.O., Udo, H.M.J., Rowlands, G.J. and Thorpe, W. (2002) Submitted to Livest. Prod. Sci.
4. Benyshek, L.L. (1998) Proc. 6th WCGALP 23 : 43-49.
5. Bichard, M. (2000) ICAR Technical Series No 3 : 5-12.
6. Bulfield, G. (1998) Proc. 6th WCGALP 23 : 19-23.
7. Jabbar, A.M., Swallow, B.M. and Rege, J.E.O. (1999) Outlook on Agriculture 28 : 239-243.
8. Kurup, M.P.G. (2002) « Proceedings of the South-South Workshop on Smallholder Dairy Production and Marketing - Constraints and Opportunities » March 12th - 16th 2001, Anand, India. Livestock in Development. (1998) « Sustainable rural livelihoods : What contribution can we make ? » London: Department for International Development.

9. Moser, B.D. (2001) *Livest. Prod. Sci.* 72 : 3-7.
10. Montaldo, H.H. (2001) *Interciencia* 26(6) : 1-8.
11. Montaldo, H.H. (2002) « *Biotechnology* » Eolss Publishers Co. Ltd., Oxford, UK
12. Muriuki, H.G. and Thorpe, W. (2002) « *Proceedings of the South-South Workshop on Smallholder Dairy Production and Marketing - Constraints and Opportunities* ». March 12th - 16th 2001, Anand, India
13. Nimbkar, C. (2000) *ICAR Technical Series No 3* : 435-443.
14. Notter, D.R. (1999) *J. Anim. Sci.* 77 : 61-69.
15. Omore, A., Muriuki, H., Kenyanjui, M., Owango, M. and Staal, S. (1999) Report by the MoAKARI- ILRI Smallholder Dairy Project, ILRI, Nairobi, 50 pp.
16. Rege, J.E.O. (1998) *Proc. 6th WCGALP* 23 : 193-199.
17. Sere, C. and Steinfeld, H. (1996) *FAO Animal Production and Health Paper 127*. Rome: Food and Agriculture Organisation of the United Nations.
18. Swart, D., Hobson, F.O. and Carstens, J.P. (2000) *Proc. 3rd All Africa Conference in Agriculture*, Egypt .
19. Udo, H. and Cornelissen, T. (1998) *Outlook on Agriculture* 27 : 237-242.
20. Valle Zarate, A. (1996) *Anim. Res. Develop.* 43/44 : 99-118
21. Valle Zarate, A. (2000) in Tulachan et al, *ICIMOD Research and Dev. Issues*



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