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| Nota di contenuto | Chapter 1. Overview -- Chapter 2. Impact of forage availability on livestock rearing and socio- economic aspects -- Chapter 3. Forage resources in Himalayan region -- Chapter 4. Constraints affecting forage availability in Himalayan region -- Chapter 5. Factors influencing forage nutritional quality -- Chapter 6. Forage genetic resources (FGR) -- Chapter 7. Approaches for nutritional quality improvement in forages -- Chapter 8. Nutritional and anti-nutritional constituents in forages -- Chapter 9. Nutritional quality estimation of forages -- Chapter 10. Nutritional quality of major forage grasses of Himalayan region -- Chapter 11. Forage legumes in Himalayan region -- Chapter 12. Fodder trees in mitigating forage demand -- Chapter 13. Prospects of non-conventional feed resources of Himalayan region -- Chapter 14. Improving quality and digestibility of crop residues -- Chapter 15. Biotechnological techniques for nutritional quality improvement in forages.-Chapter 16. Lignin: possible manipulations in forages -- Chapter 17. Post-harvest processing and conservation of |

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| | forages -- Chapter 18. Effect of harvest and storage on forage quality -- Chapter 19. Challenges and opportunities in forage and livestock production in Himalayan region. |
| Sommario/riassunto | The book discusses up-to-date and detailed information about the nutritional quality of forage in the biodiversity-rich Himalayan region and their potential in livestock feeding. • Provides a comprehensive discussion on the prospects of Himalayan forages. • Collates findings and data based on more than two decades of research on nutritional quality of different temperate grasses, fodder trees, legumes and non-conventional forage resources. • Includes information on different forage resources, nutritional quality of forages, niche based nutritive forage species, varietal improvement of different species for nutritionally rich forages, non-conventional forages and modern biotechnological intervention for quality improvement of forages. • Offers a valuable resource of information on forages for researchers and policymakers • Include information oriented toward livestock feeding, influencing their health, production and productivity affecting economic status of farmers. • Presents exhaustive information on forage species along with pictorial presentations. The target audience will be researchers and scientists in public and private institutions (e.g. government, academia, dairy industry), policy planners, animal nutritionists and students. The monograph is relevant for the readers interested in understanding forage quality for livestock feeding and suggest models for quality improvement of forages worldwide, in similar topographies. It is also relevant to the researchers studying forage improvement and biofortification for nutritional enhancement for improving livestock health and productivity. |