REVIEW ARTICLES

- The use of plant genetic resources and biodiversity in classical plant breeding

 H. Ulukan
- 105 Crop-assimilative carbon in the farmland ecosystem an important source for carbon turnover in soil .

 S. Nie, T. Ge, C. Liu and H. Xiao

3. Me, 1. de, C. Liu dila H. Xidi

ORIGINAL ARTICLES

- Aboveground biomass response to increasing nitrogen deposition on grassland on the northern Loess Plateau of China

 X. Han, A. Tsunekawa, M. Tsubo and S. Li
- Improved bacterial community diversity and cucumber yields in a rotation with kidney bean–celery–cucumber *F. Wu, H. Yu, G. Yu, K. Pan and J. Bao*
- Contrasting leaf Na⁺ uptake and transport rates conferred differences in salt tolerance of wheat genotypes

 Z.A. Saqib, J. Akhtar, M. Saqib and R. Ahmad
- 136 Glomus fasciculatum in defense responses to fusarial wilt of Coleus forskohlii S. Khatun and N.C. Chatterjee
- Turfgrass species and varieties for Scandinavian golf greens T.S. Aamlid and B. Molteberg
- 153 Effect of developmental stage on carbohydrate accumulation patterns during winter of timothy and perennial ryegrass

 L. Østrem, M. Rapacz, M. Jørgensen and M. Höglind
- Repeated use of green-manure catch crops in organic cereal production grain yields and nitrogen supply

 A.-K. Løes, T.M. Henriksen, R. Eltun and H. Sjursen
- 176 Energy saving in greenhouses can be obtained by energy balance-controlled screens

 N.E. Andersson
- Yield responses of cauliflower (*Brassica oleracea* L. var. Botrytis) to different water and nitrogen levels in a Mediterranean coastal area

 S. Bozkurt, V. Uygur, N. Agca and M. Yalcin