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14th International Conference on

Agriculture & Horticulture

August 15-16, 2019 | Rome, Italy

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Orghum (Sorghum bicolo(L.) Moench) is one of the most important cereal crops in the semi-arid tropics. India Ontributes about 16% of the world's sorghum production. In Karnataka major area under cultivation is in the Northern dry zone of Karnataka. e production in these zone is a ected by a wide array of biotic constraints, of which insect pest are major once. As many as 150 species of insects have been recorded as pests of sorghum from emergence to lat lling stage. Among them sorghum shoot y, (Atherigona varia soccata Rondani), stem borer (Chilo)partellusane aphid [Melanaphis sachaizehntner)], Shoot bug or plant hopper (Peregrinus maidis Ashmead and head bug (Calocori angustatusare major once and is rejected in low grain yields with avoidable losses ranging from 12 to 83%. In the present investigation the e orts were made from 2008-09 to 2016-17 to know the pest dynamics on the crops over the years, I clearly indicated that shoot y incidence was ranged from 2 to 51% with maximum during 2013-14. Stem borer incidence is increasing trend, which was 2-6% in 2008-09 compared to 2016-17 season (1.76 - 10.34%.). Aphid (1-9 grade) and bug (15-80 bugs/pl) incidence was highly variable depending upon the temperature and amount of rainfall received duri the cropping season. Further di erent integrated pest management module were framed and evaluated against the m pests of rabi sorghum. Pooled data of two years revealed that shoot y and stem borer dead heart as well as shoo incidence was did not di er signi cantly among the modules. e cost economics data indicated that module comprising of Seed treatment with Biofertlizers (Trichoderma+ PSB + Azospirillium)+ Btk @ 2g/lt at 25 DAE -Spray of Lecanicilliur lecani @ 2ml/l at 45DAE recorded highest net pro t (Rs. 29584/ha) with highest Bene t cost ratio of 2.46

Advances in Crop Science and Technology ISSN: 2329-8863