



ICAR-Indian Institute of Oil Palm Research

Research Papers - 2019

Babu, B.K., Mathur, R.K., Ravichandran, G. 2019. Genome-wide association study (GWAS) for stem height increment in oil palm (*Elaeisguineensis*) germplasm using SNP markers. *Tree Genetics & Genomes*. 15: 40. <https://doi.org/10.1007/s11295-019-1349-2>.

B. Kalyana Babu, R.K. Mathur, G. Ravichandran, P. Anita, M.V.B. Venu. 2019. Genome wide association study (GWAS) and identification of candidate genes for yield and oil yield related traits in oil palm (*Elaeisguineensis*) using SNPs by genotyping-based sequencing. *Genomics*. <https://doi.org/10.1016/j.ygeno.2019.06.018>

B. Kalyana Babu, Mathur RK, Ravichandran G, Anitha P, Venu MVB. 2019. Genome-wide association study for leaf area, rachis length and total dry weight in oil palm (*Elaeisguineensis*) using genotyping by sequencing. *PLoS ONE* 14(8): e0220626. <https://doi.org/10.1371/journal.pone.0220626>

H.P. Bhagya, P.M. Gangadharappa, B. Kalyanababu, Mahantesh B N Naika, Satish, D and R.B. Naik, 2019, Multivariate analysis of oil palm germplasm for vegetative and bunch yield traits. *J. Plant. Crops*. 47(2): 115-120.

Manorama K, R K Mathur, MV Prasad, K Suresh, K Ramachandrudu and B N Rao. 2019. Doubling oil palm yield through technological interventions — a review. *Current Horticulture* 7(2): 28–31.

Mary Rani, K. L., Prasad, M. V., Sowjanya, P. and Mathur R. K. 2019. Application of ICT for information access and dissemination of oil palm technologies. *Andhra Agricultural Journal*. 66 (3): 554-559.

Narsimha Rao, B, Suresh, K, Behera, S. K., Bhagya, H. P. and Naresh, S. 2019. Oil palm – cocoa based cropping system for economic viability and sustainability. *Int. J. Oil palm*. 11(1): 11-19.

Prasad. M. V., Sowjanya, P., Sunder Rao, N., Ananta Sarkar, Omkar Vinay Kumar, T., Rajesh, K. and Srikanth, K. 2019. Effectiveness of training programme on oil palm technologies for multipurpose extension officers of State Department of Horticulture, Andhra Pradesh. *J. Plant. Crops*. 47(2): 128-131.

Suneetha, V. and Ramachandrudu, K. 2019. Changes in growth, microbial and enzyme activities in oil palm nursery in response to bio-inoculants and chemical fertilizers. *Archives of Agronomy and Soil Science*. <https://doi.org/10.1080/03650340.2019.1628343>.

Suneetha, V., Ramachandrudu, K. and Suresh, K. 2019. Gas exchange characteristics and chlorophyll pigment of oil palm seedlings under influence of microbial fertilizers. *J. Oil Palm Res*. <https://doi.org/10.21894/jopr.2019.0000>.