

ICAR-Indian Institute of Oil Palm Research



Research Papers - 2023

B Kalyana Babu, RK Mathur, G Ravichandran, P Anitha, HP Bhagya, MVB Venu. 2023. A novel QTL linked to asparagine synthetase gene for stem height increment in oil palm (*E. guineensis* Jacq.) identified and validated through integrated genomic approaches. *Euphytica*. 219 (7).

B Kalyana Babu, RK Mathur, Suresh K, G Ravichandran, B. Susanthi, S. Tiwari. 2023. *In vitro* cultural studies for callogenesis and embryogenesis of oil palm (*Elaeisguineensis* Jacq.) using seedling and spear leaf explants. *Journal of Oil Palm Research*. (Published online).

K L Mary Rani, M V Prasad and R K Mathur. 2023. Virtual mode of disseminating oil palm technologies during Covid-19 – An Appraisal. *Journal of Oilseeds Research*. 40: 273-274.

Manorama K., Behera, S.K., Kancherla, S. 2023. Establishing critical leaf nutrient concentrations and identification of yield limiting nutrients for precise nutrient prescriptions of oil palm (*Elaeis guineensis* Jacq.) plantations. *Agriculture*. 13:453.

Prasad, M. V., Shivashankar, S., Ganesh, N. V. and Ananta Sarkar. 2023. Pole harvesting, a viable option for harvesting of oil palm fresh fruit bunches-A comparative study. *Indian Research Journal of Extension Education*. 23 (4):7-11.

Ramachandrudu Kummari., Narasimha Rao Bezawada and Manorama Kamireddy. 2023. Nutritive screening and forage yield of Guniea and hybrid Napier grass varieties under dense shade of mature oil palm plantation. *Journal of Oil Palm Research*. (Published online).

Ramachandrudu, K., Suresh, K. and Manorama, K. 2023. Morpho-physiological changes in oil palm tenera hybrid (*Elaeisguineensis*Jacq.) seedlings raised under different shade levels. *Journal of Horticultural Sciences*. 18 (2):

Shivashankar S., Suresh K., Anitha P., Sathish A., and Jyotsana Patel. 2023. Physical characterization and development of mathematical models for predicting mass and area of oil palm fruits. *Journal of Food Process Engineering*. e14512.

Somasundaram, G., G. Ravichandran, P. Anitha, H.P. Bhagya, B. Kalyana Babu and S.N. Rahana. (2023). A pilot study on kernel germination to enhance planting material production in oil palm. *Journal of Oilseeds Research*. 40 (Special Issue); 461.

M, Amrutha Lakshmi, K Suresh, B R Ajesh, S Keerthana. 2023. Panoramic overview of advancements in the arena of detection and management of basal stem rot of oil palm caused by *Ganoderma* spp. *The Andhra Agric.J.* 70(1):001-017.