

Jatropha related publications from JatroSolutions & partners

Peer-reviewed publications

2016

Senger, E., M.Martin, J.M. Montes. (2016). Parental and Heterotic in *Jatropha curcas* L. Seedlings. *Tropical Plant Biol.* DOI 10.1007/s12042-016-9160-9

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Senger, E., M.Martin, J.M. Montes. (2015). Classification of *Jatropha curcas* L. genotypes into gemplasm groups associated with the presence of phorbol esters by mean of seed characteristics. *Industrial Crops and Products* 78, 9-12

Montes, J.M., A. Bulach, M. Martin, E.Senger. (2015). Quantitative Trait Variation in Self- and Cross-Fertilized Seeds of *Jatropha curcas* L.: Parental Effects of Genotypes and Genetic pools. *BioEnergy Research.* doi: 10.1007/s12155-014-9576-8

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Becker, K., P. Lawrence. (2014). Carbon farming: the best and safest way forward? *Carbon Management*, 5 (1), 31-33.

Martin, M., J.M. Montes. (2014). Quantitative genetic parameters of agronomic and quality traits in a global germplasm collection reveal excellent breeding perspectives for *Jatropha curcas* L. *GCB Bioenergy.* doi: 10.1111/gcbb.12227

Montes, J.M., F. Technow, M. Martin, K. Becker (2014). Genetic Diversity in *Jatropha curcas* L. Assessed with SSR and SNP Markers. *Diversity*, 6, 551–566.

Senger, E., A. Mohiley, J. Franzaring, J.M. Montes (2014). Laboratory screening of aluminium tolerance in *Jatropha curcas* L.. *Industrial Crops and products*, 59, 248-251.

Senger, E., A. Peyrat, M. Martin, J.M. Montes (2014). Genetic variation in leaf chlorophyll content of *Jatropha curcas* L.. *Industrial Crops and products*, 58, 204-211.

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Devappa, R.K., C.C. Malakar, H.P.S. Makkar, K. Becker (2013). Pharmaceutical potential of phorbol esters from *Jatropha curcas* oil. *Natural Product Research*, 27, 1459-1462.

Devappa, R.K., J.-P. Bingham, K.S. Khanal (2013). High performance liquid chromatography method for rapid quantification of phorbol esters in *Jatropha curcas* seed. *Industrial Crops and Products* 49, 211-219.

Devappa, R.K., H.P.S. Makkar, K. Becker (2013). In vitro ocular and dermal toxicity of *Jatropha curcas* phorbol esters. *Ecotoxicology and Environmental Safety*, Volume 94, 1 August 2013, pp. 172-178.

Devappa, R.K., H.P.S. Makkar, K. Becker (2013). Shelf-life of isolated phorbol esters from *Jatropha curcas* oil. *Industrial Crops and Products* 49, 454-461.

Devappa, R.K., S.K. Rajesh, H.P.S. Makkar, K. Becker (2013). Antioxidant and antimicrobial potential of *Jatropha curcas* seed hulls. *Ind. Crops and Products* (accepted).

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Kumar, V., W.K.B. Khalil, U. Weiler, K. Becker (2013). Influences of incorporating detoxified *Jatropha curcas* kernel meal in common carp (*Cyprinus carpio* L.) diet on the expression of growth hormone- and insulin-like growth factor-1-encoding genes. *Journal of Animal Physiology and Animal Nutrition*, 97(1), pp. 97-108.

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Montes, J.M., F. Technow, B. Bohlinger, K. Becker (2013). Grain quality determination by means of near infrared spectroscopy in *Jatropha curcas* L. *Industrial Crops and Products*, 43, 301-305.

Nithyanantham, S., P. Siddhuraju, G. Francis (2013). A promising approach to enhance the total phenolic content and antioxidant activity of raw and processed *Jatropha curcas* L. kernel meal extracts. *Industrial Crops and Products*, 43, 261-269.

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Francis, G. (2012). *Jatropha* Seeds Oil and Products: Important Properties with Respect to Uses. In: M. Sujatha, B. Bahadur, N. Carels (eds), *Jatropha curcas*, Scientific Publishers (USA), *Jatropha, Challenges for a New Energy Crop 2012*, pp 343-354.

Kumar, V., A.O. Akinleye, H.P.S. Makkar M.A. Angulo-Escalante, K. Becker (2012). Growth performance and metabolic efficiency in Nile tilapia (*Oreochromis niloticus* L.) fed on a diet containing *Jatropha platyphylla* kernel meal as a protein source. *J Anim Physiol Anim Nutr (Berl)*. 2012 Feb; 96(1), pp. 37-46.

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Kumar, V., H.P.S. Makkar, K. Becker (2011). Detoxified *Jatropha curcas* kernel meal as a dietary protein source: growth performance, nutrient utilization and digestive enzymes in common carp (*Cyprinus carpio* L.) fingerlings. *Aquaculture Nutrition*, 17 (3), pp. 313–326.

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