

Jatropha related publications from JatroSolutions & partners

Peer-reviewed publications

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Fröschle, M., H. Horn, O. Spring (2018). Characterization of *Jatropha curcas* L. hoenys originating from the southern highlands of Madagascar. LWT-Food Science and Technology, 93: 525-533. [Doi: 10.1016/j.lwt.2018.04.006](https://doi.org/10.1016/j.lwt.2018.04.006).

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Krome, C., F. Schuele, K. Jauncey, U. Focken (2017). Influence of a sodium formate/formic acid mixture on growth of juvenile common carp (*Cyprinus carpio*) fed different fishmeal replacement levels of detoxified *Jatropha curcas* kernel meal in practical, mixed diets. J. of Applied Aquaculture, Vol 30, Issue 2, 137-153. [Doi: 10.1080/1045s00217-016-2814-x](https://doi.org/10.1080/1045s00217-016-2814-x).

Senger, E., B. Bohlinger, St. Esgaib, L.C. Hernández-Cubero, J.M. Montes, K. Becker (2017). Chuta (edible *Jatropha curcas* L.), the newcomer among underutilized crops: a rich source of vegetable oil and protein for human consumption. Eur. Food Research and Technology, 243: 987-997. [Doi: 10.1007/s00217-016-2814-x](https://doi.org/10.1007/s00217-016-2814-x).

2016

Montes, J.M., M.E. Melchinger (2016). Domestication and Breeding of *Jatropha curcas* L. - Review Article. Trends in Plant Science, Vol 21, Issue 12, p. 1045-1057. [Doi: 10.1016/j.tplants.2016.08.008](https://doi.org/10.1016/j.tplants.2016.08.008).

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Senger, E., M.Martin, J.M. Montes. (2015). Classification of *Jatropha curcas* L. genotypes into germplasm groups associated with the presence of phorbol esters by means 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](https://doi.org/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](https://doi.org/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.

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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.

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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.

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Jatropha related publications from JatroSolutions & partners

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Devappa, R.K., H.P.S. Makkar, K. Becker (2012). Isolation, stability and bioactivity of *Jatropha curcas* phorbol esters. *Fitoterapia*. 2012 Apr, 83(3), pp. 586-92.

Devappa, R.K., C.C. Malakar, H.P.S. Makkar, K. Becker (2012). Pharmaceutical potential of phorbol esters from *Jatropha curcas* oil. *Nat. Prod. Res.* 2012 Aug 22, DOI:10.1080/14786419.2012.716057.

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Harter, T., F. Buhrke, V. Kumar, U. Focken, H.P.S. Makkar K. Becker (2011). Substitution of fish meal by *Jatropha curcas* kernel meal: Effects on growth performance and body composition of white leg shrimp (*Litopenaeus vannamei*). Aquaculture Nutrition, 17 (5), pp. 542-548. 3

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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Makkar H.P.S., V. Kumar, O.O. Oyeleye, A.O. Akinleye, M.A. Angulo-Escalante, K. Becker (2011). *Jatropha platyphylla*, a new non-toxic *Jatropha* species: Physical properties and chemical constituents including toxic and antinutritional factors of seeds. Food Chemistry, 125 (1), 1 March 2011, pp. 63-71.

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Jatropha related publications from JatroSolutions & partners

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