

2009

Patents, Journal Publications & Presentations

Journals

1. Aita, G., Salvi, D. and Robert, D. (2009). Ethanol production from sorghum by a dilute ammonia pretreatment. *Industrial Microbiology and Biotechnology*. 37: 27-34.
2. Aita, G. and Salvi, D. (2009). Lignocellulose as a source for fuels and chemicals. *Louisiana Agriculture*. 53, 4: 12-13.
3. Salvi, D., Aita, G., Robert, D. and Bazan, V. (2010). Dilute ammonia pretreatment of sorghum and its effectiveness on enzyme hydrolysis and ethanol fermentation. *Applied Biochemistry and Biotechnology*. 161: 67-7.
4. Lee, Y., Chung C. and Day, D. (2009). Sugarcane bagasse oxidation using a combination of hypochlorite and peroxide. *Bioresource Technology*. 100: 935-941. doi:10.1016/j.biotech.2008.06.043
5. Day, D. (2009). Biorefinery development using multiple feedstocks. Annual ASI Factory Operations Seminar. Apr 28.
6. Day, D. (2009). Ethanol and bio-oil from bagasse and other Louisiana natural resources. Proceedings of the 2009 Louisiana Natural Resources Symposium. LSU AgCenter, Baton Rouge, La. 72-83.
7. Day, D. (2009). Producing biofuels, *Louisiana Agriculture*. 53, 4:14-15.
8. Kochergin, V. (2009). Affinity based separation technologies and their role in the current and future sugar industry. Proceedings of First Conference of European Society of Sugar Technologists, 168-175.
9. Tew, T., Dufrene, E., Garrison, D., White, W., Grisham, M., Pan, Y., Richard, E., Legendre, B. and Miller, J. (2009). Registration of 'HoCP 00-950' sugarcane. *J. Plant Registration*. 3, 1: 42-50.
10. Salassi, M. and Legendre, B. (2009). Sugarcane Outlook. In: 2009 Outlook for Louisiana's Agriculture. 18-21; Ed, Kurt Guidry, Louisiana State University Agricultural Center, Publication No. 3048, April 2009.
11. Salassi, M., Deliberto, M. and Legendre, B. (2009). Economic importance of Louisiana sugarcane production in 2008. Sugarcane Research Annual Progress Report, LSU Agricultural Center. 1-3.
12. Legendre, B. (2009). Sugarcane summary for crop year 2008. Sugarcane Research Annual Progress Report, LSU Agricultural Center. 4-6.
13. Legendre, B. and Gravois, K. (2009). The 2008 Louisiana sugarcane variety survey. *Sugar Bull.* 87, 10: 17-22.
14. Legendre, B. (2009). The 2008 Louisiana sugarcane variety survey. Sugarcane Research Annual Progress Report, LSU Agricultural Center. 91-104.
15. Viator, H., Flanagan, J., Gaston, L., Hall, S., Hoy, J., Hymel, T., Kennedy, C., Legendre, B., Wang, J. and Zhou, M. (2009). The influence of post-harvest residue management on water quality and sugarcane yield in Louisiana. *J. Amer. Soc. Sugarcane Technol.* 28:76-85.

Posters and Presentations

1. Aita, G. (2009). Current use of lignocellulosics. Extension and Research Sugarcane Training. Sugar Research Station, LSU AgCenter, St. Gabriel, La. May 13.
2. Aita, G. (2009). Overview on the current status of lignocellulosics. Annual ASI Factory Operations Seminar. Apr 28.
3. DeQueiroz (Aita), G., Robert, D. and Salvi, D. (2009). Ethanol production from sweet sorghum by a dilute ammonia solution Symposium on Biotechnology for Fuels and Chemicals SIM. San Francisco, Ca. May 3-5.
4. Kim, M., DeQueiroz (Aita), G. and Day, D. (2009). Compositional changes in sugarcane bagasse on low temperature, long-term ammonia treatment. Symposium on Biotechnology for Fuels and Chemicals SIM. San Francisco, Ca. May 3-5.
5. DeQueiroz (Aita), G. (2009). Biomass, biofuels and the biorefinery. Louisiana 25 X 25 State Alliance. New Orleans, La. Jan 29.
6. Day, D. (2009). Biorefinery development using multiple feedstocks. Integrated Biorefineries Platform Peer Review, Washington, D. C. Mar 19.
7. Kim, M., Han, K. and Day, D. (2009). Ethanol from sweet sorghum, a potential energy feedstock for bioethanol

production. Annual World Congress of Industrial Biotechnology BIT. Seoul, South Korea. Apr 5-7.

8. Chung, C., Kim, M., Han, K. and Day, D. (2009). Evaluation of sweet sorghum for ethanol production. Symposium of Biotechnology for Fuels and Chemicals SIM. San Francisco, Ca. May 3-6.
9. Cho, H., Kim, D., Kim, N., Kim, J., Kang, H., and Day, D. (2009). Rice straw oxidation using hypochlorite-hydrogen peroxide for Bioconversion to Ethanol. Symposium of Biotechnology for Fuels and Chemicals SIM. San Francisco, Ca. May 3-6.
10. Kim, M., DeQueiroz, G. and Day, D. (2009). Compositional changes in sugarcane bagasse on low temperature, long term ammonia treatment. Symposium of Biotechnology for Fuels and Chemicals SIM. San Francisco, Ca. May 3-6.
11. Day, D. (2009). Ethanol and bio-oil from gbagasse and other Louisiana natural resources. Louisiana Natural Resources Symposium. Baton Rouge, La., Jul 16-17.
12. Han, K., Kim M., Day, D., Alison, W., Pitman, W. and McCormick, M. (2009). Evaluation of sweet sorghum variety for biofuel feedstock and animal feed. ASA-CSSA-SSSA International Conference. Pittsburg, Pa. Nov 1-5.
13. Day, D. (2009). Ethanol, butanol and hydrogen, biofuels of the future. Annual Technical Review Meeting CPERC. Baton Rouge, La. Aug 28.
14. Hoogewind, A., Kim, M. and Day, D. (2009). Butanol production from sugarcane juices. Annual Technical Review Meeting CPERC. Baton Rouge, La. Aug 28.
15. Kim, M. and Day, D. (2009). Lime pretreatment of lignocellulosic biomass for bioethanol production. Annual Meeting South Central Branch ASM. Thibodeaux, La. Nov 6-7.
16. Day, D. (2009). Biomass fuels for Louisiana: Feedstocks and approaches. Annual Meeting South Central Branch ASM. Thibodeaux, La. Nov 6-7.

Patents

1. Day, D. and Madsen, L. (2009). Power and Hydrogen Generation System. ser # 12/373,934
2. Day, D. and Chung, C. (2009). Chemical oxidation for Cellulose Separation. US Patent 7,585,387. Sept 8.

Last Updated May 24, 2012