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Electronic Journal

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Patent

Carlson TL, Peters EM, inventors; Cargill, Inc (Wayzata, MN), assignee. 2002 Nov 5. Low pH lactic acid fermentation. United State patent. US 6,475,759.

Conference Proceeding

Widiastuti H. 2011. Proses interaksi fungi mikoriza dengan kelapa sawit pada tanah masam [Interaction process between arbuscular mycorrhizal fungi and oil palm in acid soil]. In: Budi SW, Turjaman M, Mardatin NF, Nusantara AD, Triesilawati O, Sitepu IR, Wulandari AS, Riniarti M, Setyaningsih I, editors. Percepatan Sosialisasi Teknologi Mikoriza untuk Mendukung Revitalisasi Pertanian, Perkebunan, dan Kehutanan. 2nd Indonesian Congress and Seminar on Mycorrhizae; 2007 Jul 19-20. Bogor (ID). Bogor: AMI. p 96-101.

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