(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
12 November 2009 (12.11.2009)

PCT

(10) International Publication Number
WO 2009/137434 A3

(51) International Patent Classification:
C05G 3/00 (2006.01) *C05G 5/00* (2006.01)

(21) International Application Number:
PCT/US2009/042775

(22) International Filing Date:
5 May 2009 (05.05.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
12/151,704 8 May 2008 (08.05.2008) US

(71) Applicant *(for all designated States except US)*: **BAYER CROPSCIENCE LP** [US/US]; Patent Department, 2 T. W. Alexander Drive, Research Triangle Park, NC 27709 (US).

(71) Applicants and
(72) Inventors: **PICANCO, Rui Luiz, Correa** [BR/US]; 112 Ansley Walk Lane, Cary, NC 27518 (US). **HUCHET, Guillaume** [FR/US]; 804 Wheaton Drive, Lawrence, KS 66049 (US). **BOYD, Charles, William** [US/US]; 7200 New Forest Lane, Wake Forest, NC 27587 (US). **DARNELL, Stephanie** [US/US]; 10012 Darling Street, Raleigh, NC 27613 (US). **ESSIG, Kenneth, James** [US/US]; 8425 Montavista Lane, Wake Forest, NC 27587 (US). **CHEEK, Raymond, L.** [US/US]; 7695 South East Sycamore Drive, Holt, MO 64048 (US).

(74) Agent: **PROKOPETZ, Andrew, T.**; Bayer Cropscience LP, Patent Department, 2 T. W. Alexander Drive, Research Triangle Park, NC 27709 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

(88) Date of publication of the international search report:
30 December 2009

WO 2009/137434 A3

(54) Title: FERTILIZER-PESTICIDE THROW-PACK

(57) Abstract: The present invention relates to a product for use with new plants comprising a package which is optionally degradable, wherein said package forms an enclosed space is provided. At least one plant enhancer, at least one pesticide, and/or at least one water absorbing material is located in the enclosed space formed by the package. The invention further is directed to method for treating a plant and to method for reducing shock to a plant.