



(51) International Patent Classification:

A01N 41/12 (2006.01) A01N 57/32 (2006.01)

A01N 43/38 (2006.01) A01N 25/30 (2006.01)

A01N 47/04 (2006.01) A01P 3/00 (2006.01)

SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

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

(21) International Application Number:

PCT/IB2023/054901

(22) International Filing Date:

11 May 2023 (11.05.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/340,807 11 May 2022 (11.05.2022) US

202211032874 08 June 2022 (08.06.2022) IN

(71) Applicant: ADAMA MAKHTESHIM LTD. [IL/IL]; P.O.

BOX 60, 8410001 BEER SHEVA (IL).

(72) Inventors: POLIAK, Diana; Israel Galili 26/12, 8471251

Beer Sheva (IL). VENKATESWARARAO, Yadagani;

Plot No: 15, Flat-G1, Sairam Enclave, Saikerthi Layout,

Pragathi Nagar, STATE: Telangana, Hyderabad 500090

(IN). GORLOVETSKY, Ivan; Ralivat Amatsya 3/7,

8479731 Beer Sheva (IL). DOTAN, Shachaf; 8B Ha-

vatzet, 7406948 Ness Ziona (IL). PRAIZ, Anna; Aliza

Begin 37, 8492666 Beer Sheva (IL). FIRER SLAVA, Vi-

acheslav; Perets Smolenskin 2/6, 8452627 Beer Sheva (IL).

(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, BN, BR, BW, BY, BZ,

CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM,

DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,

HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,

KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,

MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA,

NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO,

RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH,

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,

ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every

kind of regional protection available): ARIPO (BW, CV,

GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST,

SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ,

RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ,

DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT,

LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,

(54) Title: PHTHALIMIDE FUNGICIDE COMPOSITION

(57) Abstract: The present invention relates to methods for improving the performance, or enhancing the biological activity, of a phthalimide fungicide composition by combining the phthalimide-enhancing adjuvants of the invention with the composition. The invention further provides a combination comprising phthalimide fungicide and phthalimide-enhancing adjuvant for use in the methods. The invention thus also provides methods for producing compositions comprising the combinations and methods of using the combinations and/or the compositions comprising them.