

农药世界

2023年2月 第45卷 第2期



让农化更好地 服务于社会



- 研发为基础
- 市场需求为先导
- 农化产品供应商
- 主营农药原药
- 中间体及制剂产品的研发、生产、销售
- GLP技术服务



ISSN 1009-6485



www.nutrichem.cn

☎ 010-82819999

目 次

综述专论

- 2022 年全球农药管理要事回顾(上)..... 申继忠 (1)
- 2022 年 WHO 和 ISO 公布的 15 种农药新品种..... 谭海军 (15)
- 2022 年我国农药相关标准发布概况..... 王以燕, 罗媛媛, 廖先骏, 等 (27)

技术创新

- 不对称氮杂环卡宾催化在农药活性分子合成中的应用..... 金家渺, 宋佳, 沈廷伟, 等 (38)
- 40%氟啶虫酰胺·螺虫乙酯悬浮剂配方研究与开发..... 徐海燕 (44)
- 40%叶菌唑·咪鲜胺悬乳剂的配方研究..... 董立峰, 庄倩, 苑璐, 等 (49)
- 3%卵磷脂·维生素 E 悬乳剂对直播稻田除草剂的减量增效作用..... 左娇, 陈秋芳, 莫长安, 等 (54)

行业资讯

- 日本学者发现新颖环状肽化合物 KK-1 的生物合成基因簇..... (37)

期刊基本参数: CN10-1660/TQ * 1979 * m * 16 * 64 * zh * P * ¥30.00 * 7 * 2023-02

本刊及本刊许可的合作单位以数字化方式复制、汇编、发行、信息网络传播本刊全文,其相关著作权使用费将在本刊稿酬中一次性给付。作者向本刊提交文章发表的行为视为同意本刊上述声明。如有异议,请来稿时声明,本刊将做适当处理。



World Pesticide

SHIJIE NONGYAO

(Monthly, Started in 1979)

ISSN 1009-6485

CN 10-1660/TQ

Vol. 45, No. 2 (Total No. 284)

February, 2023

Responsible Institution:

China Petroleum and Chemical Industry Association

Sponsor:

China Crop Protection Industry Association

Editor-in-Chief: LI Zhonghua

Executive Editor-in-Chief:

AO Congcong

Editorial Director: FU Wei

Editor and Publisher:

Editorial Office of World Pesticide

Tel: 86-13911419477

E-mail: sjnywp@163.com

Address:

Floor 7, Tongguang Building, No.12, Nongzhanguan Nanli, Chaoyang District, Beijing 100026, China

Overseas Distributed:

China International Book Trading Corporation

Printer:

Beijing Chaoyang Printing Co., Ltd.

Contents

Reviews

Global pesticide management highlights 2022 (I)..... SHEN Jizhong (1)

Fifteen new pesticides published by WHO and ISO in 2022
.....TAN Haijun (15)

Overview of Chinese pesticide related standards published in 2022
.....WANG Yiyao, LUO Yuanyuan, LIAO Xianjun, *et al* (27)

Technology Innovation

Asymmetric *N*-heterocyclic carbene catalysis in the synthesis of bioactive molecules for pesticide development
..... JIN Jiamiao, SONG Jia, SHEN Tingwei, *et al* (38)

Formulation development of flonicamid · spirotetramat 40% SC
.....XU Haiyan (44)

Preparation of metconazole · prochloraz 40% SE
.....DONG Lifeng, ZHUANG Qian, YUAN Lu, *et al* (49)

Decrement and synergistic effect of lecithin · vitamin E 3% SE on herbicides in direct seeding rice field
..... ZUO Jiao, CHEN Qiufang, MO Changan, *et al* (54)