



2019年第14期总181期

粮食和食品安全专题

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1. 2019年全球粮食危机报告

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2019年4月8日

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▶ 前沿资讯

1 . Food for thought: Why did we ever start farming? (思考食物，我们为何农耕)

简介：The reason that humans shifted away from hunting and gathering, and to agriculture -- a much more labor-intensive process -- has always been a riddle. It is only more confusing because the shift happened independently in about a dozen areas across the globe. "A lot of evidence suggests domestication and agriculture doesn't make much sense," says Elic Weitzel, a Ph.D. student in UConn's department of anthropology. "Hunter-gatherers are sometimes working fewer hours a day, their health is better, and their diets are more varied, so why would anyone switch over and start farming?"

来源：Science Daily

发布日期：2019-04-02

全文链接：

<https://www.sciencedaily.com/releases/2019/04/190402124417.htm>

2 . Considering gender in irrigation: Technology adoption for women farmers (思考灌溉中的性别：推动技术适应女性农民)

简介：In this blog, originally published as a guest commentary on the Chicago Council on Global Affairs Global Food for Thought blog, IFPRI researchers Elizabeth Bryan and Hagar ElDidi discuss the differences in how the costs and benefits of small-scale irrigation technologies are distributed among men and women within the same households, how this is linked to women's empowerment, and what should be done to ensure that women participate in and benefit from irrigation.

来源：IFPRI

发布日期：2019-03-28

全文链接：

<https://pim.cgiar.org/2019/03/28/considering-gender-in-irrigation-technology-adoption-for-women-farmers/>

3 . Researchers aim to demystify complex ag water requirements for Produce Safety Rule (研究人员希望解密农业用水的复杂要求以实现安全生产)

简介：In an effort to ensure the safety of fresh fruits and vegetables for consumers, Cornell University's Produce Safety Alliance is helping to explain complex federal food safety rules and develop new ways to assess agricultural water use. "Water used during the production of fresh fruits and vegetables represents a potential pathway for contamination with human pathogens," said Gretchen Wall, Cornell's Produce Safety Alliance coordinator and lead author of "Key Outcomes From a Collaborative Summit on Agricultural Water Standards for

更多资讯 尽在农业专业知识服务系统：<http://agri.ckcest.cn/>

Fresh Produce."

来源: Science Daily

发布日期:2019-03-27

全文链接:

<https://www.sciencedaily.com/releases/2019/03/190327112624.htm>

4 . Old for new: Using ancient genetic variation to supercharge wheat (旧物更新: 使用古老的基因变异强化小麦)

简介: A global, collaborative effort sheds light on the genetic basis of biomass accumulation and efficiency in use of light, both of which are bottlenecks in yield improvement in wheat.

来源: Science Daily

发布日期:2019-03-27

全文链接:

<https://www.sciencedaily.com/releases/2019/03/190327112607.htm>

行业报告

1 . Global Report Food Crises 2019 (2019年全球粮食危机报告)

简介: 由欧洲联盟(欧盟)、联合国粮食及农业组织(粮农组织)和联合国粮食计划署(粮农署)于今日共同发布的报告显示,2018年,53个国家的1.13亿人面临重度粮食不安全状况,而2017年这一数字为1.24亿。欧盟国际合作与发展委员Neven Mimica表示,“粮食不安全仍然是一项全球挑战。这就是为何从2014年至2020年,欧盟要为60多个国家的粮食和营养安全及可持续农业倡议提供近90亿欧元资金的原因。今日发布的《全球粮食危机报告》强调,需要加强人道主义、发展及和平事业行动方之间的合作,以扭转和预防粮食危机。加强全球应对粮食危机网络(全球网络)有助于在实地落实变革,帮助真正有需要的人群。”欧盟人道主义援助和危机管理委员Christos Stylianides表示,“粮食危机将持续构成一项全球挑战,需要我们共同加以应对。欧盟将继续加大人道主义援助力度。在过去三年里,欧盟制定了迄今为止数额最高的人道主义粮食和营养预算,总金额接近20亿欧元。粮食危机正在变得日益严重和复杂,我们需要创新的办法来应对和预防危机。《全球报告》为制定全球网络后续行动、改善协调机制奠定了基础。”

来源: FAO

发布日期:2019-04-02

全文链接:

<http://agri.ckcest.cn/file1/M00/06/69/Csgk0Fy1Z0eAXo0WAKwxZoXas3Q631.pdf>