



2019年第24期总191期

粮食和食物安全专题

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1. 推动食物系统转型，提供健康、可持续的饮食-来自世界科学机构的观点

中国农业科学院农业信息研究所

联系人：董渤；顾亮亮

联系电话：010-82109652

邮箱：agri@ckcest.cn

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▶ 前沿资讯

1 . Corn Condition Ratings Support the USDA's Historic Yield Cut (玉米种植状况促使美国历史性下调单产预测)

简介: Yesterday, the USDA cut their estimate of this year's US corn crop by 1.35 billion bushels. Citing planting delays, they trimmed planted area by 3 million acres and slashed yield by a historic 10 bushels per acre. Since corn yield estimates were included with the June WASDE in 1993, the largest previous yield reduction in the month was 5.9 bushels per acre in 1995. While the USDA chose not to adjust soybean acreage this month, the impact was not limited to the corn balance sheet. Reduced corn production drove the USDA to increase the amount of wheat used to feed livestock by almost 60%.

来源: GRO

发布日期:2019-06-12

全文链接:

<https://gro-intelligence.com/blog/corn-condition-ratings-support-the-usda-historic-yield-cut>

2 . Honey bee colonies down by 16 percent (蜜蜂种群量下降16%)

简介: The number of honey bee colonies fell by 16% in the winter of 2017-18, according to an international study led by the University of Strathclyde. The survey of 25,363 beekeepers in 36 countries found that, out of 544,879 colonies being managed at the start of winter, 89124 were lost, through a combination of circumstances including various effects of weather conditions, unsolvable problems with a colony's queen, and natural disaster. Portugal, Northern Ireland, Italy and England experienced losses above 25%, while Belarus, Israel and Serbia were among those with loss rates below 10%. There were also significant regional variations within some countries, including Germany, Sweden and Greece. The total loss rate was down from 20.9% in 2016-17 but was still higher than the 2015-16 figure of 12.0%. The total loss rate for Scotland increased over these three years, from 18.0% to 20.4% to 23.7%.

来源: Sciencedaily

发布日期:2019-06-05

全文链接:

<https://www.sciencedaily.com/releases/2019/06/190605100318.htm>

3 . Edible insects? Lab-grown meat? The real future food is lab-grown insect meat (可食用昆虫? 实验室研制肉? 未来真正的食物是实验室培育的昆虫肉)

简介: Livestock farming is destroying our planet. It is a major cause of land and water degradation, biodiversity loss, acid rain, coral reef degeneration, deforestation -- and of course, climate change. Plant-based diets, insect farming, lab-grown meat and genetically modified animals have all been proposed as potential solutions. Which is best? All of these

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combined, say researchers.

来源: Sciencedaily

发布日期: 2019-06-03

全文链接:

<https://www.sciencedaily.com/releases/2019/05/190530101136.htm>

4 . How soybeans became China's most powerful weapon in Trump's trade war (大豆为何成为中国在川普贸易战中的有力武器?)

简介: Soybeans may not seem all that useful in a war. Nonetheless they've become China's most important weapon in its ever-worsening trade conflict with the U.S. China, the world's biggest buyer of the crop, has reportedly stopped purchasing any American soybeans in retaliation for the Trump administration raising tariffs on US\$250 billion of Chinese goods. This is very bad news for U.S. farmers. While China's targeting of soybeans may have come as something of a surprise to most Americans, to a professor of agricultural economics who studies international commodity markets for a living, this was not at all unexpected.

来源: The Conversation

发布日期: 2019-05-30

全文链接:

<https://theconversation.com/how-soybeans-became-chinas-most-powerful-weapon-in-trumps-trade-war-118088>

学术文献

1 . Transforming food systems to deliver healthy, sustainable diets—the view from the world's science academies (推动食物系统转型, 提供健康、可持续的饮食—来自世界科学机构的观点)

简介: The most recent annual review by the Food and Agriculture Organization, the International Fund for Agricultural Development, The United Nations International Children's Emergency Fund, the World Food Programme, and WHO¹ discloses a continuing rise in the absolute number of undernourished people worldwide. Other nutrition targets are also being missed and the review notes that climate extremes and variability are threatening to reduce and reverse previous gains made in food security. Poor diet is a factor in a fifth of deaths around the world.²

来源: The Lancet Planetary Health

发布日期: 2019-02-26

全文链接:

http://agri.ckcest.cn/file1/M00/06/70/Csgk0FOCDMaABk7bAAD3_CbHCUE283.pdf