

### Three-Year Action Plan on “Internet Plus” Modern Agriculture “互联网+”现代农业三年行动实施方案

The “Three-Year Action Plan on “Internet Plus” Modern Agriculture” was jointly released by Ministry of Agriculture, National Development and Reform Committee, the Central **Leading Group for Internet Security and Informatization**, **Ministry of Science and Technology**, **Ministry of Commerce**, General Administration of Quality Supervision, Inspection and Quarantine, State Food and Drug Administration, State Administration of Forestry, on 22 April 2016.

#### Objective

Achieve significant progress in the integration of internet into agriculture production, marketing, management, services, as well as various aspects of agricultural and rural economy, push on online agriculture and digital agriculture.

#### Key tasks

The Action Plan proposed 11 priority areas for “Internet Plus” development.

1. “Internet Plus” for new type of agricultural business entities

Encourage family farms, cooperatives and leading enterprises to use internet technologies to improve the business and management.

2. “Internet Plus” for modern crop farming

Develop precision farming, IoT agriculture, agricultural information monitoring and early warning, remote sensing for cropping system, monitoring and early warning on pests and diseases, fertigation and smart water-saving irrigation.

3. “Internet Plus” for forestry

4. “Internet Plus” modern livestock

Establish comprehensive information data platform on production, processing, marketing and monitoring, promote internet of thing (IoT) based farm environment monitoring and individual animal monitoring system; demonstration and promoting robotic milking, feeding and cleaning; establish veterinary drugs inquire and tracing system, livestock and poultry life cycle safety monitoring system.

5. “Internet Plus” for fishery

Establish integrated fishery management system which covers fish production, marketing prices, eco-environment, fleet, fish harbour and seafarers.

6. “Internet Plus” for quality and safety of agricultural products

7. “Internet Plus” for agricultural e-commerce

8. “Internet Plus” for beautiful countryside
9. “Internet Plus” for agricultural and rural big data
10. “Internet Plus” for agricultural information service
11. “Internet Plus” for basic infrastructure

### **Major projects**

1. Agricultural IoT experiments
2. Agricultural e-commerce demonstration
3. Household access to information service
4. Demonstration of precision agricultural machines
5. Mobile phone based soil test and fertilization information service
6. Agricultural information economy demonstration zones.

(The full text (in Chinese) of the “Internet Plus” Modern Agriculture Action Plan” is available at: [http://www.moa.gov.cn/ztl/scdh/tzgg/201607/t20160721\\_5213458.htm](http://www.moa.gov.cn/ztl/scdh/tzgg/201607/t20160721_5213458.htm))

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