



# SINO-GERMAN AGRICULTURAL CENTER NEWSLETTER

中德农业中心新闻摘要

October 2017 (Issue No 8)

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### **SCIENCE AND TECHNOLOGY**

#### **New carp species to extend scale of GM produce**

[China Daily, 14.09.2017] -- Giant genetically modified Chinese carp may leap onto the nation's dinner tables in about two years and scientists think the promotion of GM fish will have a great economic value. It will help the Chinese government to protect national food security and build sustainable agriculture.

[Full article](#)

#### **Solving the agriculture puzzle**

[China Daily, 15.09.2017] -- A new deal has been signed between the Chinese Academy of Sciences and the University of Lay Adventists of Kigali in Rwanda. They will conduct joint research on natural resources and the environment, the first of its kind in East Africa. It aims to increase agricultural productivity in Rwanda through improved environmental conservation.

[Full article](#)

#### **Change of crop bears fruit**

[China Daily, 26.09.2017] -- In Qujing, Yunnan Province, the local climate and slightly acidic soil turns out to be ideal for growing blueberries. In October 2014, the local government decided to entice the Joyvio Group to develop its blueberry farms. With the efforts made by the company and local government, more than 500 households agreed to lease some of their land to the company. At present, the local farmers gain a lot of benefits by participating in the blueberry plantation project.

[Full article](#)

#### **German botanist dedicated life to poverty relief in China**

[China Daily, 30.09.2017] -- Holger Perner was a German botanist who dedicated his life to poverty relief in China. He moved to China as a senior advisor to Huanglong scenic area and studied local ecological system. However, he found that it is difficult to protect the environment without improving local people's living standard. Afterwards, he introduced some berries such as blueberry, cranberry, blackberry to this area and made a great achievement.

[Full article](#)

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## **Kiwifruit's hometown held world conference**

[China Daily, 21.09.2017] -- Meixian County, known as the hometown of kiwifruit in China, is located in Shaanxi Province. It held a World Kiwifruit Conference from Oct. 13 to 15, 2017 to gather global experts, clients and to showcase its own advantages in this industry. During the conference, the Royal New Zealand Institute of Horticulture, New Zealand's Zespri Group Limited, Northwest A&F University and the Shaanxi Fruits Bureau signed a strategic cooperation agreement on kiwifruit technology.

[Full article](#) (From China Agri-food News Digest No 57, September 2017)

## **Grown-to-order fruit, veg a hit with young urbanites**

[China Daily, 05.10.2017] -- As the Chinese government gives high priority to food safety, customized farm produce, grown without using antibiotics and hormones is becoming more and more popular among well-off urban consumers, especially the younger generation. As a result, customers can rent a piece of land online and monitor the growth of their produce on their mobile phones or computers.

[Full article](#)

## **Scientist wins food-production award**

[China Daily, 20.10.2017] -- On October 18, 2017, the World Food Prize award ceremony was held in Des Moines, Iowa. Prof. Cui Zhenling, a researcher and faculty member at China Agricultural University in Beijing, was awarded the Norman Borlaug Award for Field Research and Application. The prizes recognize individuals who increase the quality, quantity and availability of food on a global scale. Cui was recognized for his work in improving soil health and increasing crop production through innovative fertilizer management strategies which has led to improved nitrogen efficiency.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

## **Potato production star Victor Otazu**

[China Daily, 20.10.2017] -- As a 70-year-old agriculturist, Victor Otazu was a pathologist for the International Potato Center for years before he retired in 2015. He managed three laboratories that helped identify genes resistant to diseases in the crop. When he first arrived in Qinghai Province, he found that the local climate and geological conditions were favorable for potato seed production. In the following years, he helped local farmers increase the output of potatoes.

[Full article](#)

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## **Intl agriculture conference held in Beijing**

[China Daily, 20.10.2017] -- On October 19, 2017, the Ninth International Conference on Agricultural Competitiveness was held in Beijing. It was sponsored by the editorial office of China Agricultural Economic Review, China Agricultural University and the International Food Policy Research Institute. The theme of conference this year was "Agricultural Competitiveness in China: Assessment, Challenge and Options".

[Full article](#)

## **Group interview on innovation in agricultural science and technology**

[China Daily, 22.10.2017] -- On October 21, 2017, a group interview on innovation in agricultural science and technology was held at the press center of the 19<sup>th</sup> National Congress of the Communist Party. Tang Huajun, president of the Chinese Academy of Agricultural Sciences (CAAS) and academician of the Chinese Academy of Engineering, He Zhonghu, research fellow at the Institute of Crop Sciences of the CAAS and director of the National Wheat Improvement Center were present at the group interview, amongst others.

[Full article](#)

## **Chinese researchers find "secret weapon" of weed**

[China Daily, 26.10.2017] -- Professor Fan Longjiang and co-workers have found out how weeds suppress the growth of other plants through genomic analysis. As far as Professor Fan is concerned, allelopathy through the release of chemical compounds in the rhizosphere is one of the most important features of weeds. He also noted that allelopathy could be an alternative weed management strategy with a lower environmental cost.

[Full article](#)    [Original article in Nature Communications](#)

## **Machines replace laborers in cotton fields**

[China Daily, 24.10.2017] -- Xinjiang Uygur autonomous region is the biggest cotton production base in China. At present, machines are replacing hundreds of thousands of migrant workers who pick up cotton in this area. As local farmers become more interested in joining rural cooperatives, large-scale farming is experiencing a rapid development in Xinjiang.

[Full article](#)    (From China Agri-food News Digest No 58, October 2017)

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### **These gene-edited pigs are hardy and lean—but how will they taste?**

[Science, 23.10.2017] -- Since hypothermia poses serious threat to piglets, it forces cold-climate farms to invest in heat lamps and other accommodations for their piglets. At present, the gene-editing technology CRISPR, an alternative to conventional breeding, is used by researchers. Through this method, they introduced a gene called UCP1, which disappeared from the ancestors of modern pigs about 20 million years ago.

[Full article](#)

### **China develops new rice strain to avoid heavy metal pollution**

[Xinhua, 29.09.2017] – Known as China's "Father of Hybrid Rice," Yuan Longping and his colleagues have developed a new kind of rice free from cadmium pollution. Sampling showed the cadmium in two samples at 0.06 mg/kg and 0.07 mg/kg, much lower than the national standard of 0.2 mg/kg. Zhao Bingran, with Hunan provincial hybrid rice research center, said the low-cadmium rice was developed by genome editing and hybridization without any exogenous gene.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

### **China breaks hybrid rice output record**

[Xinhua, 29.09.2017] – In accordance with the China National Hybrid Rice R&D Center, Chinese hybrid rice has set a new world record. Xiang Liangyou 900, the new hybrid strain, had the highest yield of any variety in the world. The data is collected by some Chinese scientists carrying out their tests on a pilot field in North China's Hebei Province. The result will make a great influence on avoiding global starvation.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

### **China set to see another bumper year for grain output**

[Xinhua, 16.10.2017] – On 16 October 2017, China's Ministry of Agriculture estimated that grain output in China would surpass 600 million tonnes, indicating another year of bumper harvest. Earlier official statistics showed China's grain output dipped in 2016 as its planting area shrank and per unit yield edged down. National grain output stood at about 616 million tonnes last year, down 0.8 percent, compared with a year earlier. On the back of supply-side structural reform, China has made progress in improving its industrial structure and promoting green development in the agricultural sector.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

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### **ENVIRONMENTAL POLICIES**

#### **Methods coming to halt pollution data tampering**

[China Daily, 22.09.2017] – On September 21, 2017 the Chinese government publicized a statement, in which the government emphasized that a system of responsibility will be established in China in order to guarantee that environmental monitoring stations and data remain free of interference and falsification. In addition, all the monitoring data from different departments will share unified standards.

[Full article](#)

#### **China lauds UN environment pact**

[China Daily, 20.09.2017] – On September 19, 2017 a summit was held at United Nations headquarters in New York. The summit, opened by French President Emmanuel Macron, was based on a French proposal for the global pact, aimed at creating a binding international code of environmental law. In the summit, Foreign Minister Wang Yi said China, which attaches great importance to sustainable development, has incorporated "ecological construction" into its national development strategy. Wang called on developing countries to fully participate in global environmental governance.

[Full article](#)

#### **Province optimizes opening-up with environment at center**

[China Daily, 01.09.2017] – In East China's Jiangxi Province, clean, high-tech industries drove economy onto new heights because the local government found a new way to build up an innovative, open and green economy. In accordance with a report a governor, for the first time the service industries in the province contributed more than 40% to GDP. The local government also established a new district to promote its rich ecological resources to the market to attract capital.

[Full article](#)

#### **Xie: China working hard to mitigate climate change**

[China Daily, 04.10.2017] – In accordance with Xie Zhenhua, China's special representative on climate change and this year's Lui Che Woo Prize winner, in order to deal with climate change and promote green vision for the Belt and Road Initiative, the Chinese government will boost efforts to develop a low carbon economy. Meanwhile, it will try to achieve international consensus on sustainable development.

[Full article](#)

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### **Promoting China's Energy Transformation via Deepened Supply-side Structural Reform**

[China Daily, 09.10.2017] – China is the largest energy consumer and producer. In recent years, remarkable progress has been made by the Chinese government, for example, overcapacity reduction in the traditional energy sector. In the following years, the government plans to further deepen the supply-side structural reform in the energy sector and the transformation on a clean, low-carbon, secure and efficient modern energy mix.

[Full article](#)

### **Rules on rare plants a boon for botanists**

[China Daily, 31.10.2017] – Some botanists complain that the application process to take samples of plants on the national protection list is too long. Sometimes they even need to wait for two months. To solve this problem, the Chinese government has revised the rules in order to streamline the process, giving provincial authorities more power in approving such activities.

[Full article](#)

### **Pesticide Administration Bureau to be responsible for administration of pesticide industry**

[AgroNews, 13.10.2017] -- A Pesticide Administration Bureau has been set up by the Crop Farming Department of the Chinese Ministry of Agriculture. The Bureau is fully and solely responsible for the administration of the pesticide industry. Its scope of work includes pesticide industry planning, the provision for industry guidance, administrative licensing, supervision and penalization.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

### **China to complete product quality traceability system by 2020**

[Xinhua, 24.10.2017] -- Recently, the Ministry of Commerce (MOC) and nine other central departments jointly issued a guideline which stressed that the product quality traceability system would target key products, including farm produce, food, medicine, special equipment, dangerous materials and rare earth. China will complete its product quality traceability system by 2020. Meanwhile, a standard and coordinated product quality traceability system will be implemented.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

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### **ENVIRONMENT AND ENERGY**

#### **China targets farm waste as a 'clean' power source**

[China Daily, 01.09.2017] – In order to crack down on agricultural pollution, the Ministry of Agriculture announced that the Chinese government would pay farmers to turn animal poo into fertilizer and power. Farmers will be subsidized to build animal waste processing facilities to make fertilizers. No details about the size of the subsidies were given, but the move could be a big step towards curbing chemical fertilizer use and cutting water pollution. Beijing has urged farmers to use less chemical fertilizer and turn to animal manure instead.

[Full article](#)

#### **For clean air, we need concerted efforts**

[China Daily, 01.09.2017] -- It is hard to overestimate the importance of fighting against air pollution in China. President Xi Jinping emphasized that a blue sky also brings happiness. Therefore, concerted efforts should be made to strike a balance between environmental protection and economic development. Since China needs a longer time to coordinate its environmental policy with the market economy system, the country has to have in place both short-term and long-term environmental policies that will also take economic development into consideration, in order to improve air quality.

[Full article](#)

#### **Green spurt**

[China Daily, 02.09.2017] – Both coal consumption and carbon dioxide emissions from fossil fuel use in China declined unexpectedly from 2014 through 2016. A recent study published in Nature Geoscience by Tsinghua professor Qi Ye and coauthors pointed out that it should be attributed to a combination of slowing GDP growth and a structural shift away from heavy industry, along with more proactive policies on air pollution and clean energy.

[Full article](#)

#### **Plastic film covering 12% of China's farmland pollutes soil**

[Bloomberg, 04.09.2017] -- Plastic sheets are growing in popularity because they can trap moisture and heat, and prevent weeds and pests. Hence, they can bolster cotton, maize and wheat yields, while enabling crops to be grown across a wider area. However, the polypropylene film isn't biodegradable and often not recycled. The Chinese government is trying to address this problem by raising the minimum thickness of mulch films.

[Full article](#) (From China Agri-food News Digest No 57, September 2017)

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### **Chinese students invent environment-friendly hydroelectric power system**

[China Daily, 04.10.2017] -- In order to increase the electricity generation of small and medium-sized hydropower stations during dry seasons, a group of Chinese students have invented a system which is based on a variable speed, constant frequency motor for small and medium-sized hydropower plants. The invention fixes the current situation where power output is directly proportional to river flow, allowing small and medium-sized hydropower plants to maintain output throughout all seasons.

[Full article](#)

### **Chinese city hails taxi to monitor air pollution**

[China Daily, 25.10.2017] -- In Jinan, the local authorities deployed taxis as a new army of air pollution and monitors. 100 taxis have been installed air quality monitors, which are able to measure atmospheric particulate matter such as PM2.5 and PM10, generate data every three seconds and transmit the location and measurements on a real-time basis. A total of 1.2 million sets of data will be generated every day.

[Full article](#)

### **China diverts 10 billion cubic metres of water to arid north**

[Reuters, 04.10.2017] -- In recent decades, northern China has faced a big challenge on water supplies. The result can be attributed to protracted droughts, a surging population, agriculture, and unprecedented manufacturing growth. Therefore, the government established a project to transfer water from the south via three major routes. During the past few years, China has transferred 10 billion cubic meters of fresh water from the country's south to its north.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

### **Third national land survey to be launched**

[Gov.cn, 16.10.2017] -- In accordance with a circular issued by the State Council on October 16, China will launch the third national land survey in this year. It will begin in the fourth quarter of 2017 and the result should be made public in 2020. The purpose of this land survey is thoroughly checking on the status of land use, collecting accurate land data, and improving the mechanism of land survey and statistics.

[Full Article](#) (From China Agri-food News Digest No 58, October 2017)



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### **AGRI-BUSINESS AND TRADE**

#### **COFCO goes global to grow grain security**

[China Daily, 20.09.2017] -- Driven by price gaps between domestically produced products and imported products, China's imports of major agricultural products continued to increase fast in the first five months of the year, according to the Ministry of Agriculture (MoA). Imports of some major agricultural products kept increasing quickly between 2011 and 2016, with grain imports increasing at an average annual rate of 32.2 percent, meat at an average annual rate of 24.9 percent, and dairy at 16.6 percent during the five-year period.

[Full article](#) (From China Agri-food News Digest No 57, September 2017)

#### **How Yantai's apples took a big slice of Chinese market**

[China Daily, 05.09.2017] -- As one of the top brands in China, Yantai apples help local farmers earn more profits. It can be attributed to efforts that have been made by Yantai municipal government to improve green development of local apple industry. In order to develop ecological and circulatory agriculture, the city combines animal husbandry, marsh gas [methane] production and fruit planting. At the same time, it takes many measures to integrate the planting, sale, storage and processing of apples.

[Full article](#) (From China Agri-food News Digest No 57, September 2017)

#### **China corn farmers set to hold on to crops, bet prices will rise**

[Reuters, 19.09.2017] -- Most of Chinese corn farmers in the northeastern corn belt started to hold off on selling their latest crops, because they want to bet higher prices. Last year, some farmers sold early in the season, so that they missed an opportunity to reap bigger profits after prices later rallied. In fact, such an appetite for risk by potentially delaying sales is very common in other major agricultural powerhouses such as the United States.

[Full article](#) (From China Agri-food News Digest No 57, September 2017)

#### **Chinese dairy labels evolve into big brands**

[China Daily, 23.10.2017] -- Inner Mongolia Yili Industrial Group Co and China Mengniu Dairy Co are hunting aggressively to establish their milk supply chains through foreign acquisitions. According to data from Euromonitor International, the two companies have a combined 44% of the dairy-products market in China. At the same time, shares of them have soared to all-time highs.

[Full article](#)

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### **Government Limit on Number of Baby Formulas Sets Off Stampede**

[Caixin,13.10.2017] – After a shift in regulation last year, baby formula industry in China is undergoing a complete makeover. In the new regulation, each company is allowed to have up to nine different products, all of which must be registered with the CFDA by the end of 2017. The policy is designed to stop some formula makers from repackaging the same recipe under two brands just to occupy shelf space.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

### **ABC expanding big data for farmer loans**

[China Daily, 27.10.2017] -- As the third largest commercial lender by assets in China, Agricultural Bank of China Ltd. (ABC) deepened its application of big data analytics to the online offering of loans. The bank is able to draw credit profiles for the clients and help them overcome financial difficulties through analyzing the big data. Through this way, business efficiency was improved and costs by designing automated online workflows was reduced.

[Full article](#)

### **World Conference on Farm Animal Welfare opens in China**

[Agri.gov, 17.10.2017] -- On 12 October 2017, the World Conference on Farm Animal Welfare and the 5th China Animal Welfare Forum on Quality and Safety of Meat and Poultry Products was held in Hangzhou, Zhejiang Province. The theme of the conference was “animal welfare, sustainable development and responsible consumption.” Vice Minister Yu Kangzhen, Director of Animal Production and Health Division of FAO Berhe Tekola and representatives of international organizations of animal welfare attended the conference.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

### **Vilmorin sees GMO maize opening in China in wake of Syngenta**

[Reuters, 19.10.2017] -- ChemChina, a state-owned enterprise, completed the takeover of Swiss crop seed and chemical group Syngenta earlier this year. Since genetically modified organisms (GMO) are still a sensitive issue in China, the Chinese government has not approved any varieties for cultivation. However, Vilmorin expects the government to end the ban, because it is potentially beneficial to the company.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

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#### **Specialized farmers' cooperatives to promote modern agriculture**

[Xinhua, 04.09.2017] -- In accordance with State Administration for Industry and Commerce, there are 1.93 million specialized farmers' cooperatives in China. At present, the specialized cooperatives are very popular among farmers, because they are able to pool resources and increase productivity by participating in the cooperatives.

[Full article](#) (From China Agri-food News Digest No 57, September 2017)

#### **China sets targets for supply-side structural reform in agriculture**

[Xinhua, 08.09.2017] -- On September 8, 2017, a guideline on accelerating supply-side structural reform in agriculture was released by China's State Council. It specifies major tasks and targets for China's agricultural development in the next few years. According to the guideline, the Chinese government wants to foster a modern system for the grain industry and raise the ratio of high-quality grain by 2020.

[Full article](#) (From China Agri-food News Digest No 57, September 2017)

#### **China sets goals for green agriculture**

[Xinhua, 30.09.2017] -- On September 30, 2017, the General Office of the Communist Party of China Central Committee and the General Office of the State Council jointly released guidelines on green development in agriculture. It sets goals for resources conservation and environmental protection in the coming years. In accordance with the guideline, the Chinese government should maintain the area of arable land and prevent the land quality from worsening. The document also set the target of zero growth in the amount of chemical fertilizers and pesticides used in major crops by 2020, and for forest coverage.

[Full article](#)

#### **China puts 103 mln hectares of farmland under permanent protection**

[Xinhua, 20.09.2017] -- According to the Ministry of Land and Resources (MLR), the Chinese government has put 103.3 million hectares of farmland under permanent protection. In other words, the areas should not be used for non-farming purposes. In 2016, MLR set a new target that China must retain at least 124.3 million hectares of farmland in 2020 in order to protect farmland and maintain food security.

[Full article](#) (From China Agri-food News Digest No 57, September 2017)

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### **China extends rural land reform trial to end-2018**

[Reuters, 12.09.2017] -- According to the Ministry of Land and Resources (MLR), China plans to extend a rural land reform pilot program which started in 2015. It aims to develop mechanisms for rural land use rights to be transferred on markets. Through the program, rural residents can receive more of the benefits from their rights to land. In addition, it promotes urbanization and more efficient, large-scale farms.

[Full article](#) (From China Agri-food News Digest No 57, September 2017)

### **China sets 2020 target for nationwide ethanol use to cut corn stocks**

[Reuters, 13.09.2017] -- In order to boost industrial demand for corn and clean up heavy smog, the Chinese government plans to extend the use of ethanol in gasoline. A formal policy on biofuel has been implemented before. However, it is the first time the government has set a targeted schedule for promoting the use of biofuel. As a result, shares in biofuel producers experienced a dramatic increase.

[Full article](#) (From China Agri-food News Digest No 57, September 2017)

### **China lowers forecast for corn output, consumption to rise**

[China Daily, 12.10.2017] -- On 12 October 2017, the Chinese government lowered forecasts for corn output in the 2017 to 2018 crop year, because years of support for corn farmers have left China with a substantial stockpile. In order to make use of the excess stockpile, China announced a plan for nationwide use of bioethanol gasoline by 2020. Meanwhile, the Ministry of Agriculture raised forecasts on China's soybean production.

[Full article](#)

### **Govt to continue importing seeds, says ministry**

[China Daily, 13.10.2017] -- In order to improve supply of agricultural products in China, the Chinese government will continue to introduce seeds from other countries. According to Wu Xiaoling, deputy chief for seeds supervision at the Ministry of Agriculture, out of the 350 major agricultural products available in the market, about a third were introduced from abroad. However, imported seeds or seeds bred abroad still account for a small percentage of all seeds used in China.

[Full article](#) (From China Agri-food News Digest No 58, October 2017)

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### **Rural vitalization strategy**

[China Daily, 25.10.2017] -- On 18 October 2017, General Secretary Xi Jinping delivered a report at the opening session of the Communist Party of China's 19<sup>th</sup> National Congress, in which he called for implementing a rural vitalization strategy. As a significant national strategy, it aims to establish a modern agricultural industrial system, production system and operating system, as well as a sound rural governance system.

[Full article](#)

### **China considers revising rural land contract law**

[Court.gov, 31.10.2017] -- The Chinese government is considering to revise the rural land contract law. It aims to better define the use rights of rural land so that farmers can enjoy sufficient and guaranteed protection over their land rights. In the draft revision, the current round of contracts will be extended for a further 30 years, in order to protect the stability and consistency of rural land contract.

[Full article](#)

### **Land leases to be extended to protect farmers' rights**

[China Daily, 31.10.2017] -- According to the draft revision of rural land contract law, the Chinese government plans to protect the stability and consistency in rural land leasing by extending existing contracts by 30 years upon expiration. On 31 October 2017, the draft revision was submitted to the Standing Committee of the National People's Congress, the top legislature, for its first reading. The draft revision is in line with the report presented by General Secretary Xi Jinping at the opening session of the 19th National Congress of the Communist Party of China on Oct 18.

[Full Article](#) (From China Agri-food News Digest No 58, October 2017)

### **Green agriculture goals key for supply-side structural reform**

[Xinhua, 01.10.2017] -- On 31 September 2017, the General Office of the Communist Party of China Central Committee and the General Office of the State Council released guidelines, which set goals for resource conservation and environmental protection in agriculture. The guidelines mainly aim to maintain the area of arable land and prevent the quality of land from worsening.

[Full Article](#)



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### **NEWS FROM DCZ AND PARTNERS**

For news on activities carried out and forthcoming events at the German-Chinese Agricultural Center (DCZ), please directly consult our website, which is updated frequently:

[www.dcz-china.org](http://www.dcz-china.org)

**Recent articles on DCZ website covering events during the “3<sup>rd</sup> Sino-German Agricultural Week” (27.11.-01.12.2017):**

[Third DCZ “Open Day”](#)

[Sino-German Workshop on Food and Nutrition – Strategies and Research](#)

[Sino-German Pig Husbandry Event in Hebi City, Henan Province](#)

[Sixth Technical Cattle Symposium of Sino-German Project on Animal Breeding in China](#)

**Recent updates on DCZ website on Policy briefs, APD Mission reports 2016 and 2017, and Background policy reports:**

<http://dcz-china.org/news/dcz-policy-briefs-now-available>

<http://dcz-china.org/news/dcz-mission-report-of-apd-2017-activities>

<http://dcz-china.org/news/dcz-background-policy-reports-now-available>

### **Third Field Day of DCALDP on the Huanghai Farm**

On 28 September 2017, the 3<sup>rd</sup> Field Day of the Sino-German Crop Production and Agrotechnology Demonstration Park (DCADLP) was held on the Huanghai Farm in Dayou Township, Xiangshui County, Yancheng City, Jiangsu Province. The field day started with an official opening and a number of presentations by Chinese and international experts on rice and oilseed rape production systems and their respective mechanization, as well as on fertilizer application and the N<sub>min</sub> method. In the afternoon, the more than 400 visitors learned about the results of the various demonstrations and field trials and the German Agribusiness partners displayed their machines and products used for the trials.

[For full information](#)

## **SINO-GERMAN AGRICULTURAL CENTER NEWSLETTER**

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### **Second Seminar on Best Practice in Manure Management**

The second “Best Practice in Manure Management” seminar took place on 12-13 October 2017 on one of the demonstration plants of the cattle component in Dinghou, Hebei province and on the 16 October on the demonstration farm of the pig component in Hebi, Henan province in cooperation with the National Animal Husbandry Services (NAHS) of MOA. Scientific contributions in Dingzhou included the application of slurry and biogas effluent in Germany and in China, ammonia volatilization losses following biogas digestate application in China, technological solutions in China, as well as a report on related Chinese policies and objectives.

[For full information](#)

### **Announcements of upcoming DCZ events**

#### **DCZ co-hosting Expert Panel at GFFA 2018**

An Expert Panel on “How can livestock production contribute to global food security? Farms and industries of the future in Asia and Eastern Europe” will take place on January 19, 2018 at the Global Forum for Food and Agriculture (GFFA) in Berlin. It is being jointly organized by German Agribusiness Alliance/AG Agrarwirtschaft, Association of German Livestock (BRS), German Asia-Pacific Business Association (OAV), German Committee on Eastern European Economic Relations (OA), in collaboration with the Federal Ministry of Food and Agriculture (BMEL), the German-Chinese Agricultural Center (DCZ) and the Leibniz Institute of Agricultural Development in Transition Economies (IAMO). The expert podium is composed of four panelists from China, Ukraine, The Netherlands and Germany and a German moderator.

[For full information on this event](#)

#### **5th European Organic Leadership Course 2017/2018 in Nuremberg**

The International Federation of Organic Agriculture Movements (IFOAM) organizes the 5<sup>th</sup> European Organic Leadership Course (OLC) from May 2017 to February 2018. This intensive, one-year course empowers participants to assume greater responsibilities in finding organic solutions to address the world’s environmental and social challenges. The training program comprises two face-to-face sessions and 10 webinars. The first residential session took place in June 2017 in Croatia, with 26 international participants selected by IFOAM in 2017. The second residential session will take place from 8-14 February, 2018 in Nuremberg, Germany. Ms. Wei Rong of DCZ will continue her OLC training in Germany, receiving her certificate from IFOAM.

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## BIOFACH Trade Fair for Organic Food in Nuremberg

BIOFACH, the World's Leading Trade Fair for Organic Food, will be held in Nuremberg, Germany, from 14-17 February 2018. About 2,950 exhibitors and more than 50,000 visitors from the national and international organic sector are expected at BIOFACH 2018. On part of DCZ, Ms. Wei Rong and Mr. Conrad Hoyos will be present and can be contacted there.

[For more information on this event](#)

## Vacancies

- A new International English Master's program (MSc) "Insect Biotechnology and Bioresources" is offered by the faculty of Agricultural Sciences, Nutritional Sciences, and Environmental Management of the Justus-Liebig-Universität Giessen. It is taught in English and tuition free. For more information, please see link to the

[Website of Giessen University](#)

## Imprint:

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