

plant



/plænt/

n. 植物

plant breeding	植物育种
plant diseases and insect pests	植物病虫害
plant growth	植物生长
plant species	植物物种
medicinal plant	药用植物
rock plant	岩生植物

That diversity has been the basis for **plant** breeding.

这种多样性是植物育种的基础。

Plant diseases and insect pests endanger agriculture and forestry significantly around the world.

植物病虫害严重危害世界各地的农林业。

The leaves on the **plant** had shriveled up from lack of water.

因为缺水，植物的叶子已经枯萎了。

The **plant** flourishes particularly well in slightly harsher climates.

这种植物在气候条件稍差一点地区长得尤为茂盛。

Day
1

agricultural



/ˌægrɪˈkʌltʃərəl/

adj. 农业的

agricultural economics	农业经济学
agricultural marketing	农产品销售
agricultural practice	农业实践
agricultural product	农产品
agricultural sightseeing garden	农业观光园

Data integration and smooth information have further improved the circulation efficiency of China's **agricultural** products.

数据整合和信息畅通进一步提高了中国农产品的流通效率。

The basic technology of **agricultural** machines changed little in this century.

农业机械的基本技术在该世纪变化不大。

Agricultural economics began as a branch of economics that specifically dealt with land usage.

农业经济学最初是专门研究土地使用的经济学分支。

Day
2

production



/prəˈdʌkʃən/

n. 生产, 产量

production cost

生产成本

crop production

作物生产

food production

粮食产量, 食品生产

seed production

种子生产

The concluding section gives some useful statistics on the installed capacity of looms as well as **production costs**.

(文章的) 结语部分给出了一些关于织机装机容量和生产成本的有用统计数据。

Mechanized farming can improve food production.

机械化耕作可以提高粮食产量。



Day
3

forest



/ˈfɔːrɪst/

n. 森林, 林区

forest fire detection 林火探测

forest management 森林经营, 森林管理

Forest Resources Management Division
森林资源管理处

A **forest fire detection system** is proposed by experts, using a wireless sensor network and information fusion methods.

专家提出采用无线传感器网络和信息融合方法, 建立一种林火探测系统。

The **Forest Service** says it intends to remove weakened trees that pose a threat to the public.

(美国) 林务局表示, 他们打算移除对公众安全构成威胁的受损树木。



Day
4

animal



/'ænəməʊl/

n. 动物, 兽

animal drug

动物药材

animal fat

动物脂肪

aquatic animal

水生动物

International Animal Health Code 国际动物卫生法规

As tools for managing aquatic **animal** disease emergencies, DNA vaccines have advantages in speed, flexibility, and safety.

作为处理水生动物突发疾病的工具，DNA 疫苗在速度、灵活性和安全性方面均具有优势。

To that end, many agricultural producers begin to use **animal** supplements in order to keep **animals** healthy.

为此，许多农业生产者开始使用动物营养剂，让他们所饲养的动物保持健康。



Day
5

food



/fu:d/

n. 食物, 粮食

food-borne pathogen

食源性致病菌

food processing industry

食品加工业

food safety and quality

食品安全与质量

food security

粮食安全

Many major problems need to be resolved in order to guard against financial risks and ensure that **food**, energy, and industrial and supply chains are secure and reliable.

确保粮食、能源、产业链供应链可靠安全和防范金融风险还须解决许多重大问题。

The development of plant cultivars started with plant domestication and has played the major role in agriculture toward **food security**.

栽培植物的发展始于植物驯化，在农业中的粮食安全方面发挥了重要作用。

Note

为促进世界各国关心粮食的问题，联合国粮农组织规定每年的10月16日为世界粮食日（World Food Day）。

Day
6

species



/'spi:ʃi:z/

n. (动植物的)物种, 种

alien species

外来物种

endangered species

濒危物种

invasive species

入侵物种

single species

单种群

FMT techniques may be of benefit to endangered species conservation.

粪菌移植技术可能对保护濒危物种有益。

Seedlings of forest tree species are cultivated by the government, community and private nurseries.

森林树种的幼苗由政府、社区和私人苗圃培育。



Note

species 的复数形式同单数。

Day
7

rural



/ˈrʊərəl/

adj. 农村的, 乡村的, 田园的

rural area	农村地区
rural community	农村社区
rural development	农村发展
rural economy	农村经济
rural market	农村集市

Prepare **rural areas** for technological, demographic, and environmental change.

让农村地区做好应对技术、人口和环境变化的准备。

We will discuss how investment in market research proves to be useful for farms, agriculture, and **rural development**.

我们将讨论对市场研究的投资是如何促进农场、农业和农村发展的。

Fruits, vegetables, flowers, milk, etc. are supplied by **rural markets** to urban markets.

农村集市向城市市场提供水果、蔬菜、花卉、牛奶等。

Day
8

seed



/si:zd/

n. 种子

seed-borne disease

种传病害

seed cocoon

种茧

seed treatment

种子处理

grass seed

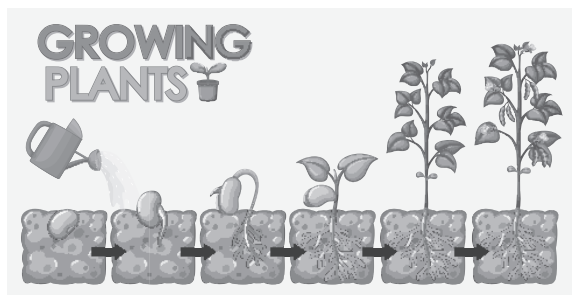
草籽

Commonly, **seed** treatment is referred to as the application of pesticides to **seeds** to save them from **seed-borne** and **soil-borne** pathogenic organisms and storage insect pests.

通常，种子处理是指将农药施用于种子上，以使其免受种传和土传病原生物以及仓库害虫的侵害。

Even under ideal conditions, some live **seeds** may not germinate because of dormancy or **seed** hardness.

即使在理想的条件下，一些活种子也可能受休眠期或种子硬度的影响而不发芽。



Day
9

product



/ˈprɒdʌkt/

n. 产品

product quality and safety

产品质量与安全

product specification

产品规格

consumer **product**

消费品

dairy **product**

乳制品

final **product**

成品

We are going to launch our new **products** on June.

我们将在 6 月推出新产品。

Irrespective of the regulatory pathway to access the market, the quality of the herbal medicinal **product** must be demonstrated.

无论以何种监管方式进入市场，草药产品的质量必须有保证。



Day
10

agriculture



/ˈægrɪ,kʌltʃər/

n. 农业, 农学

ecological **agriculture**

生态农业

modern **agriculture**

现代农业

sustainable **agriculture**

可持续农业

Today, it is widely accepted that to develop sustainable **agriculture** in different agroecosystems, nature conservation cannot be ignored.

如今, 人们普遍认为, 要在不同的农业生态系统中发展可持续农业, 就不能忽视自然保护。

In **agriculture** marketing, the selling of an agricultural product depends on various components like the demand for the product at that time, availability of storage, and so on.

在农业营销中, 农产品的销售受各种因素影响, 例如当时对该产品的需求情况、是否具备存储条件等。

We will adopt an all-encompassing approach to food, develop protected **agriculture**, and build a diversified food supply system.

树立大食物观, 发展设施农业, 构建多元化食物供给体系。

Day
11

soil



/soil/

n. 土壤, 土地

soil moisture

土壤湿度

soil quality

土壤质量

soil type

土壤类型

Low **soil** fertility limits food production and predisposes crops to diseases and insect pests.

低土壤肥力会限制粮食生产, 使农作物易受病虫害侵袭。

Roses grow well in a clay **soil**.

蔷薇适宜在黏质土中生长。



Note

谁知盘中餐,
粒粒皆辛苦?

Each bowl of rice, who knows?

Is the fruit of hard soil.

Day
12

livestock



/'lɪvstɔ:k/

n. 牲畜, 家畜

livestock feed

家畜饲料

livestock manure

家畜粪便

livestock product

畜产品

Every **livestock** farm has unique characteristics that lead to distinct **livestock** nutrition requirements.

每个家畜养殖场的特点不同, 从而导致其对家畜营养的需求也有所不同。

Compliance with food safety regulations has become an important matter in the trading of **livestock** products.

遵守食品安全条例已成为畜产品贸易中的重要事项。



Day
13

disease



/dr'zi:z/

n. 疾病, 病

disease management	病害治理
disease prevention and control	疾病预防和控制
disease resistance	抗病性
liver disease	肝病
prevent a disease	预防疾病
tree disease	树木病害

These photos illustrate the holistic approaches to livestock **disease** prevention and control.

这些照片展示了牲畜疾病预防和控制的整体方法。

There has been an outbreak of the **disease** in this farm.

这种病已经在该农场爆发。

There is no known cure for this **disease**.

这种疾病目前还没有已知的疗法。



Day
14

marketing



/ˈmɑːrkətɪŋ/

n. 营销, 销售

marketing authorization holder 上市许可持有人

marketing campaign 营销活动

marketing strategy 营销策略

Marketing is essential for achieving this and many of the best tourism **marketing** tips focus on helping businesses to find a unique selling point and promote it.

营销对于实现这一目标至关重要, 许多最佳的旅游营销技巧都致力于帮助企业找到独特的卖点并加以推广。

Unapproved animal drugs don't have legal **marketing** status.

未经批准的动物药材没有合法销售资格。

We need to look to ways of improving our **marketing**.

我们得考虑改进营销方法。

A **marketing** campaign for broccoli successfully increased broccoli sales and improved consumers' perceptions of broccoli as a tasty and healthy food.

针对的西蓝花的营销活动成功提高了西蓝花的销量, 并加深了消费者对西蓝花作为美味、健康食物的认知。

Day
15

crop

★★★★★

/kra:p/

n. 庄稼, 作物, 收成

crop cultivation

作物栽培

crop rotation

庄稼轮作

crop yield

作物产量

The small linters of cotton fibers removed from the cotton seed can be the source for cellulose, and that makes cotton **crops** highly useful and cash **crops**.

从棉籽中抽取的小棉绒可用来制作纤维素, 这使得棉花作物具有很高的使用价值, 并成为经济作物。



Note

“作物”一词由日语转借而来, 在中国古籍中称“禾稼”或“穀”。

Day
16

pest

★★★★★

/pest/

n. 害虫

pest control

害虫防治

integrated pest management

害虫综合治理

seed insect pest

种实害虫

Forest integrated **pest** management or Forest IPM is the practice of monitoring and managing **pest** and environmental information.

森林害虫综合治理，亦称 Forest IPM，是一种监测和管理害虫和环境信息的方法。

Improving crop cultivation, crop storage, and **pest control** are our goals.

改善作物种植、作物贮存条件和害虫防治是我们的目标。



Day
17

fish



/fɪʃ/

n. 鱼, 鱼肉

fish stock

鱼类资源

freshwater fish

淡水鱼

omnivorous fish

杂食性鱼

The consensus is a range of 35% to 45% for herbivorous and omnivorous **fish**, and 40% to 55% for carnivorous **fish**.

普遍共识是草食性和杂食性鱼占比 35%至 45%，肉食性鱼占比 40%至 55%。

Without careful management, longline fisheries can have unintended interactions with non-target **fish**, seabirds, and other marine life. 若不认真管理，延绳钓渔业可能会对非目标鱼类、海鸟及其他海洋生物产生意外影响。

Over 1,500 different species of **fish** inhabit the waters around the reef.

那片礁石周围的水域生活着 1,500 多种不同的鱼类。

Day
18

feed



/fi:d/

n. 饲料

feed additive	饲料添加剂
feed ingredient	饲料成分
feed manufacturer	饲料生产厂

Should we use medicated or non-medicated **feed** additives for our livestock operation?

在牲畜饲养中，我们应该使用含药的还是无药的饲料添加剂？

Livestock nutrition is largely a sum of **feed** ingredients and additional supplements which have been mixed into the **feed**.

家畜营养很大程度上来自饲料成分和混合在饲料中的额外补剂。



Day
19

aquatic



/ə'kwætɪk/

adj. 水生的, 水栖的

aquatic ecosystem

水生生态系统

aquatic life

水生生物

aquatic resource

水产资源

This report describes in detail the most important factors involved in the prevention and control of **aquatic** animal diseases.

这份报告详细描述了防治水生动物疾病最为重要的因素。

Invasive microbes have the potential to significantly alter community structure and ecosystem functions in diverse terrestrial and **aquatic** ecosystems.

入侵的微生物有可能显著改变各种陆地和水生生态系统中的群落结构和生态系统功能。



Day
20

breed



/brɪd/

v. 培育, 繁育

n. 品种

animal **breeding**

动物育种

rare **breed**

稀有品种

The combination of drugs used in the vaccine depends on the vet and the **breed** and age of the dog.

采用哪种药物组合的疫苗由兽医决定, 还要看接种疫苗的犬的犬种及年龄。

Quail meat is also prized, however the **breed** yields very little per bird.

鹌鹑肉也很珍贵, 但是这个品种的鹌鹑每只的可食量很少。

These dogs were originally **bred** in Scotland to round up sheep.

这些狗最初在苏格兰是为了圈羊而培育的。



Day
21

veterinary



/ˈvetərəneri/

adj. 兽医的

veterinary drug residue

兽药残留

veterinary medicine

兽医学

veterinary surgeon

兽医

veterinary technician

兽医技术员

When necessary, the **veterinary** surgeon intubates sick animals, which allows anesthesia and oxygen to be administered.

必要时，兽医会给患病动物插管，以便进行麻醉和输氧。

It may be difficult for a **veterinary** surgeon to examine internal organs like the heart, liver, or kidneys by using image alone because the body's soft tissue cannot be seen clearly under X-rays.

对于兽医来说，只使用 X 光片检查心脏、肝脏或肾脏等内脏器官可能很困难，因为身体中的软组织不能在 X 光下清晰显影。



Day
22

farmer



/'fɑ:rmər/

n. 农民, 农场主, 养殖场主

farmer direct selling mode	农民直销模式
farmer entrepreneur	农民企业家
farmers' market	农贸市场
farmer organization	农民组织

The **farmer** is likely to be reluctant to try new management methods.

这个农场主很可能不愿尝试新的管理方法。

For the traditional **farmer**, land and labor are the major resources.

对传统农民来说, 土地和劳动力是主要资源。



Day
23

Note

在单词 **farmer** 中, 名词后缀 **-er** 表示“具有……的人”。

fishery



/ˈfɪʃəri/

n. 渔业, 渔场

fishery management

渔业管理

fishery product

水产品

fishery resource

渔业资源

Bureau of Fisheries

渔业渔政管理局

The management of mangrove forests which coheres to the life cycle of **fishery** resources shall be paid more attention to.

与渔业资源生命周期密切相关的红树林管理应得到更多关注。

Lack of infrastructure causes the quality of **fishery** products to decline quickly.

缺少基础设施导致水产品质量迅速下滑。



Day
24

tea



/ti:/

n. 茶, 茶叶, 茶树

tea cultivar	茶树品种
tea-producing country	产茶国
tea quality and yield	茶叶品质和产量
major tea-producing region	主要产茶地区

DNA markers have been used to identify the parentage of **tea cultivars**.

DNA 标记已用于鉴定茶树品种的亲本。

Some **tea-growing districts** produce **CTC tea** only, to keep up with demand.

为了满足市场需求, 一些产茶区只生产 CTC 红碎茶。



Note

矮纸斜行闲作草,
晴窗细乳戏分茶。

On short paper I try my calligraphy free;
Under the window I enjoy my bubbled tea.

Day
25

cultivation



/ˌkʌltə'veɪʃən/

n. 耕作, 种植

commercial **cultivation**

商业化种植

deep **cultivation**

深耕法

extensive **cultivation**

粗放耕作

tea **cultivation**

茶树栽培

In the process of tobacco **cultivation**, diseases and insect pests are easy to appear, and it is difficult to control them.

烟草种植过程中容易滋生病虫害，且都不易治理。

The rapid growth of mushroom **cultivation** has made great contributions to rural economic development.

蘑菇种植的迅速发展对乡村经济发展做出了突出贡献。

Their **cultivation** techniques are quite primitive, resulting in poor yields and quality of crops.

他们落后的种植技术导致作物低产低质。

Day
26

farm



/fɑ:ɪm/

n. 农场, 养殖场

farm equipment	农具, 农场设备
farm input	农场投入
farm machinery	农业机械
farm management	农场管理
farm product	农产品
farm waste	农田废物

The utilization of poultry **farm** waste for resources is more and more widely recognized.

对养禽场废物实现资源化利用得到了越来越广泛的认可。

Farm workers may get harmed during maintenance work.

农场工人在维修工作中可能会受伤。

Developing **farm** product processing with effort is necessary for making rural economic structure reasonable.

大力发展农产品加工业是使农村经济结构合理化的必然要求。

Day
27

medicinal



/mə'di:sənəl/

adj. 有疗效的, 药用的

medicinal herb

药草

medicinal material

药材

medicinal property

药性

for **medicinal purposes**

为了药用目的

There are some other constraints to the commercial cultivation of **medicinal** plants.

药用植物的商业化栽培还有一些其他限制。

Red yeast rice has been used in China for centuries as both a type of food and a **medicinal** material.

红曲米作为一种食材和药材已在中国使用数百年。

Onions are among the vegetables known for their **medicinal** values.

洋葱是以药用价值而著称的蔬菜之一。



Day
28

processing



/ˈprɑːsesɪŋ/

n. 加工, 处理

feed **processing**

饲料加工

further **processing**

深加工, 再加工

image **processing** tool

图像处理工具

Paper engineering is a subfield of wood **processing**.

造纸工程是木材加工业的一个分支。

Forest product **processing** technologies have undergone extraordinary advances.

林产品加工技术已取得了非凡进步。

This paper introduced the further **processing** products of the walnut and its **processing** techniques.

本文详细介绍了核桃深加工系列产品及其加工工艺。



Day
29

aquaculture



/'ækwə,kʌltʃər/

n. 水产养殖

freshwater aquaculture

淡水养殖

recirculating aquaculture system

循环水养殖系统

seawater aquaculture

海水养殖

warm-water aquaculture

温水养殖

Today more than 55% of the region's shrimp is supplied by **aquaculture**.

如今，这个地区超过 55% 的虾是由水产养殖提供的。

Water quality is the determining factor in the success of an **aquaculture** operation.

水质是水产养殖经营取得成功的决定性因素。



Note

水产养殖是一种人为控制下繁殖、培育和收获水生动植物的生产活动。

Day
30