



陕西省植物保护工作总站 Plant Protection Department of Shaanxi Province

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# 陕西省农业植物检疫工作报告

## Work Report of Shaanxi Province on Agricultural Plant Quarantine

陕西省植物保护工作总站  
Plant Protection Department  
of Shaanxi Province  
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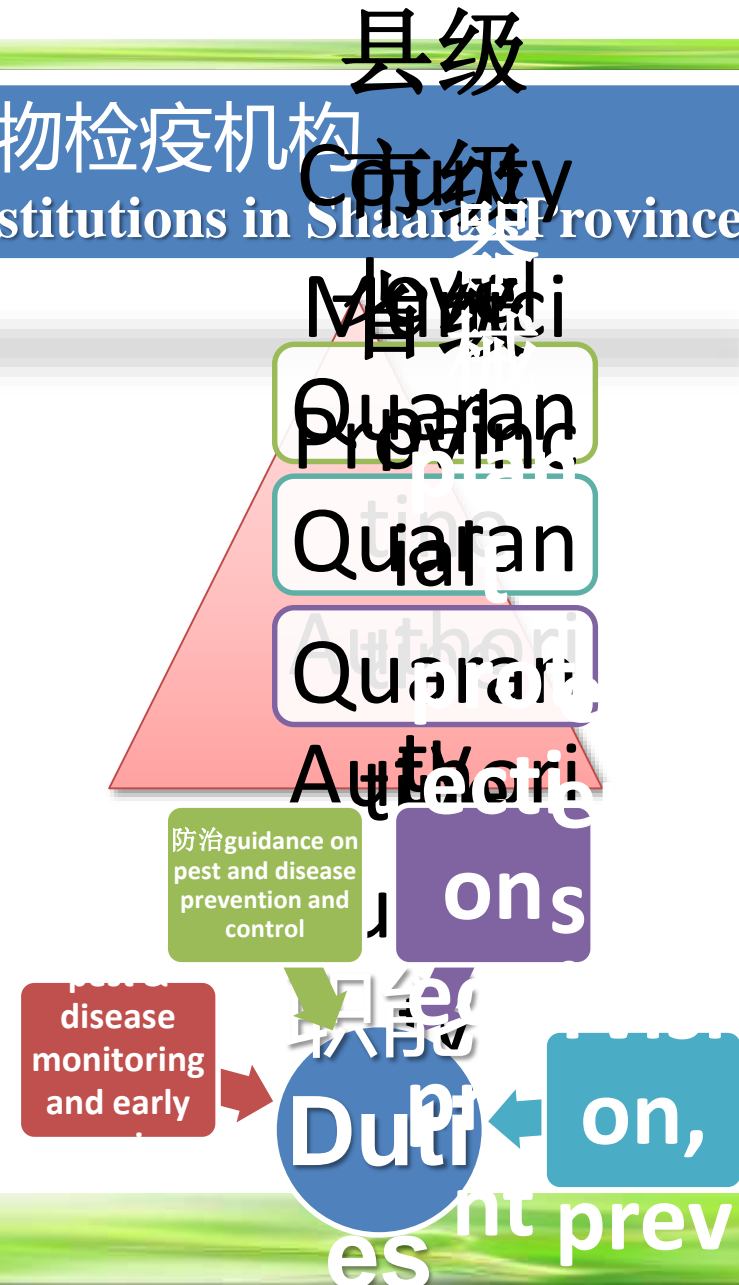
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# 陕西省农业植物检疫机构

## Agricultural Plant Quarantine Institutions in Shaanxi Province

The Plant Protection Department of Shaanxi Province is a public institution directly under the Provincial Department of Agriculture and Rural Affairs. It is responsible for monitoring and early warning and technical guidance on prevention and control of crop diseases, pests, weeds and rats as well as monitoring, prevention and control of plant epidemic, and investigation of quarantine violations. Plant quarantine institutions of each city and county are specifically responsible for plant quarantine within their respective jurisdictions, and are under the administration of the local agricultural and rural bureau. There are 115 plant quarantine agencies at all levels in the province, with 1,334 full-time plant quarantine officers.





## 陕西农业植物疫情发生防控

### Prevention and Control of Agricultural Plant Quarantine Occurrence in Shaanxi Province

#### 全国National

- 葡萄根瘤蚜 **phylloxera**
- 稻水象甲 **lissorhynchus oryzae Kuschel**
- 腐烂茎线虫 **D. destructor**
- 李属坏死环斑病毒 **PNRSV**
- 毒麦 **darnel**
- 列当属 **orobanche**
- 共计6种 **6 varieties in total**

#### 省补Provincial Subsidy

- 目前发生4种
- **4 varieties are currently occurring**

#### 防控Prevention & Control

- 2018年防控检疫性有害生物110.5万亩次。 **in 2018, prevent and control quarantine pest for a total of 1,105,000 mu**
- 防控全国检疫性有害生物 **prevent and control national quarantine pest for 915,000 mu**
- 防控省补检疫性有害生物 **prevent and control supplementary quarantine pest for 190,000 mu in Shaanxi Province**



## 稻水象甲 (*Lissorhoptrus oryzophilus* Kuschel)



**通过建立示范、开展药剂筛选、施药技术研究等，有效控制了疫情，累计挽回经济损失1.36亿元。**

The core and green prevention and control demonstration areas have been established and efforts have been done to carry out prevention and control agent screening, application technology research and so on. After years of prevention and control, the epidemic situation has been effectively controlled and the accumulated economic losses have been recovered by 136 million yuan.







## 苹果蠹蛾阻截防控 Interception, Prevention & Control of Codling Moth



**Cydia pomonella (L)**

Shaanxi is a major fruit industry province and has an extremely important position in China. Fruit industry is also a pillar industry in Shaanxi Province. Shaanxi has a total area of over 18 million mu of fruit and a yield of over 16 million tons, of which 11 million mu are apple farms with a yield of more than 11.539 million tons, accounting for about one quarter of the national output and one seventh of the world output.

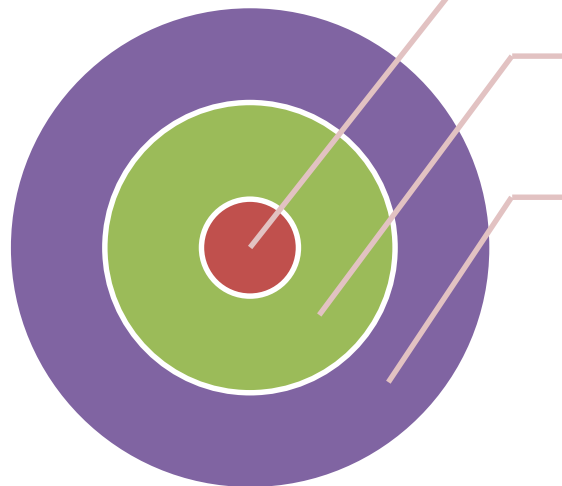
There are outbreaks of codling moth in some neighboring provinces, and the risk of epidemic spreading into our province is increasing.





## 建立“一堵二控三测”体系

Set up the System of “One Block, Two Controls and Three Monitorings”



调查监测

Investigation & Monitoring  
果汁加工企业  
监管

Regulation on Juice Processing Enterprises  
公路检查  
Road Check

为保护陕西果业生产安全，对苹果蠹蛾疫情开展有效阻截。

Effective interception has been carried out on codling moth epidemic to ensure the production safety of fruit industry in Shaanxi Province.



## 公路阻截Road Interception

从2007年开始，在与苹果蠹蛾疫情省份接壤的9县（区）设立14个公路检查站，每年从8月15日至11月底，农业、交通、公安三个部门对入陕运输果品车辆进行联合检查。

Since 2007, Shaanxi has set up 14 road checkpoints in 9 counties (districts) bordering the provinces where the codling moth epidemic occurs. From August 15<sup>th</sup> to the end of November each year, the three departments of agriculture, transportation and public security jointly inspect the vehicles transporting fruits into Shaanxi.







## 果企监管

## Regulation on Juice Processing Enterprises

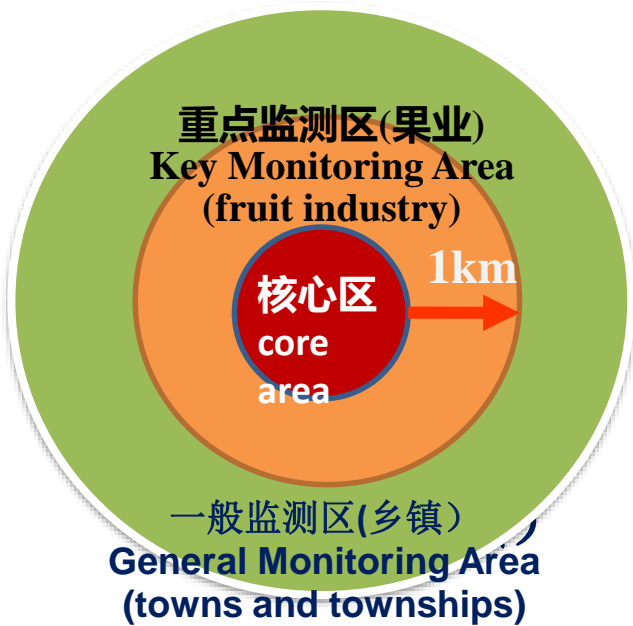
从8月份果汁加工企业开工，各级农业部门向果汁加工企业派驻检疫人员，对果汁加工企业进行检疫监管。

Since August when juice processing enterprises started production, agricultural authorities at all levels have sent quarantine officers to those enterprises for quarantine supervision.





## 疫情监测 Epidemic Monitoring



建立三级监测网  
**Three-Level  
Monitoring Network  
Established**



❑ 在 61 个果业主产县区设置苹果蠹蛾监测点 500 多个，布设诱捕器 3000 多个，全面开展苹果蠹蛾疫情监测。

❑ 截至目前，未发现苹果蠹蛾疫情发生。

❑ More than 500 codling moth monitoring points and more than 3,000 traps have been set up in 61 major fruit producing counties and districts for a comprehensive codling moth epidemic monitoring.

❑ So far, no outbreak of codling moth has been found.



# 陕西省农业植物检疫执法情况

## Law Enforcement of Agricultural Plant Quarantine in Shaanxi Province



In view of the current status of plant quarantine, such as low coverage rate of quarantine in places of origin, limited market supervision and insufficient awareness of law-based administration, Shaanxi has taken the lead in establishing a plant quarantine law enforcement demonstration county nationwide since 2015 in order to comprehensively improve the level of plant quarantine law enforcement. This campaign has further improved the quarantine law enforcement supervision mechanism, strengthened the quarantine law enforcement function, standardized the quarantine law enforcement action and improved the quarantine law enforcement level of the whole system.



# 制定规范流程，统一标示标牌

## Formulate Standard Process, Unify Marks and Signs







Reminding from  
XXX Plant  
protection and  
inspection  
station: Call  
phone number  
XXX in case  
your benefits are  
harmed.



Strictly  
implementing  
plant quarantine  
Safeguard  
agriculture  
production  
safety



Without seedling quarantine, there will  
be high risks of epidemics



Planting seedlings without quarantine  
leads to epidemic risks.





## 研发了检疫执法手机APP，促使案件查处简易化

The development of quarantine law enforcement mobile app facilitated case investigation

**现场执法-自动化生成**  
**On-the-spot law enforcement**  
— automated generation





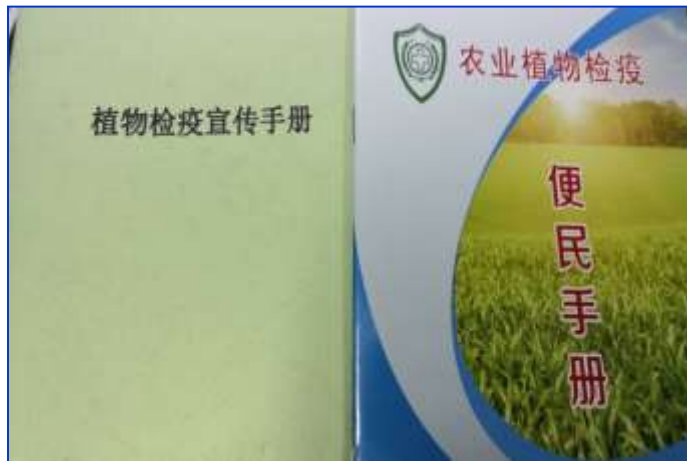
## 强化执法手段

### Law Enforcement Tools Reinforcement



佩戴执法记录仪现场执法

Wearable site enforcement recorder for on-the-spot law enforcement



广泛开展宣传

Extensive Publicity



□ 产地检疫管理更加规范。

□ 建立生产、销售检疫监管档案，企业报检员制度，规范产地检疫程序。

□ More Standardized Quarantine Management at Places of Origin

□ The production and sales quarantine supervision files and the enterprise inspection personnel system has been established; the quarantine procedures in places of origin has been standardized.





## 经营户电子信息档案 E-information File of Business Operators



市场检疫监管规范化、常态化实行“一户一档”动态管理  
Standardized and Normalized Market Quarantine  
Supervision by Implementing Dynamic  
Management of “One File for One Operator”





## 植物检疫巡查 公示栏

**Bulletin Board for  
Plant Quarantine  
Inspection**

## 植物检疫承诺

**Commitment for  
Plant Quarantine**

## 植物检疫政策信 息公示栏

**Information Board  
of Plant  
Quarantine Policy**

## 植物检疫宣传 警示标语

**Publicity &  
Warning Signs of  
Plant Quarantine**





□ 调运检疫工作规范有序  
□ 种子经销单位自觉遵守检疫法律法规意识增强。

□ Standardized and Orderly Transport Quarantine  
□ Seed dealers' awareness of consciously abiding by quarantine laws and regulations have been enhanced.





## 检疫队伍执法意识得到提升

- Improved law enforcement awareness of quarantine staff
- Before plant quarantine law enforcement demonstration county was established, some county-level plant quarantine agencies had a small number of law enforcement cases each year, and were afraid of difficulties in law enforcement.
- Since its establishment, the number of law enforcement cases has increased year after year, and the quality of handling cases has gradually improved.
- The law enforcement awareness of quarantine personnel has been enhanced with their law enforcement level improved. The province has investigated and dealt with more than 100 illegal cases every year, severely cracking down on quarantine violations and establishing the prestige of plant quarantine agencies.





# 检疫执法示范效应明显

## Obvious Demonstration Effect of Quarantine Law Enforcement



Since 2015, the province has investigated and dealt with more than 420 quarantine violations, severely cracking down on quarantine illegal acts and establishing the prestige of plant quarantine agencies. The province has selected 40 advanced law enforcement demonstration counties and districts. The campaign led by counties and districts has developed to the municipal level, and so far 5 municipal-level cities have realized comprehensive coverage of law enforcement demonstration. It is of far-reaching significance in promoting the plant quarantine, improving the level of epidemic prevention and control, and ensuring the safety of agricultural production in Shaanxi Province.



END

Thank you!