

# 旱作区富锌马铃薯绿色高质高效生产技术

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**摘要:**为进一步做好富锌马铃薯的示范推广工作,增强甘肃省马铃薯市场竞争力,实现由马铃薯大省向强省转变,通过多年试验研究总结出的旱作区富锌马铃薯绿色高质高效生产技术,该技术以黑色地膜全覆盖垄作侧播栽培作为核心技术,综合配套富锌马铃薯品种、锌肥基施与喷施、病虫害绿色综合防控、全程机械化等关键技术,同时对富锌马铃薯生产中使用的所有废旧地膜进行全部回收再利用,以减少地膜对土壤和生态环境造成的污染。

**关键词:**旱作区;富锌马铃薯;高质高效;生产技术

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## Green, High-quality, and High-efficiency Production Technology of Zinc-rich Potatoes in Dry Farming Area

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**Abstract:** To further contribute to the demonstration and promotion of zinc-rich potato production, to enhance the market competitiveness of Gansu potatoes, and to complete the transformation from a large potato province to a strong province, through years of research and experiments, green, high-quality, and high-efficiency production technology of zinc-rich potatoes in dryland production area were summarized. This technology, using full mulching with black film plus ridge and side planting as the core techniques, were complemented with key techniques such as zinc-rich potato varieties, base application and spraying application of zinc fertilizers, green and integrated pest and disease control, and complete mechanized production. Meanwhile the used films were recycled to further decrease the pollution to soil and environment.

**Key words:** Dry farming area; Zinc-rich potato; High-quality and high-efficiency; Production technology

甘肃省是全国马铃薯生产大省,马铃薯产业已成为特色优势产业和助力乡村振兴的主导产业,发展前景十分广阔。近年来全省马铃薯面积保持在 67 万 hm<sup>2</sup> 以上,总产量稳定在 1 200 万 t 以上<sup>[1-2]</sup>。经过多年发展,建成了健全的脱毒种薯生产体系、完善的鲜薯生产体系和产品加工体系<sup>[3]</sup>。随着社

会进步和人民生活质量的提升,对马铃薯块茎营养品质要求不断提高。通过品种筛选及栽培技术的集成创新,提高马铃薯块茎中的矿质元素含量及营养价值,对满足人群合理膳食结构需求具有重要意义。

从 2013 年开始,甘肃省农业技术推广总站着

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