



第六届亚洲有机稻农大会

6th Asian Organic Rice Conference

发展中的中国有机稻农

特征、实践与创新

Characteristics, Practices and Innovation of
Organic Rice Agriculture in China

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有机水稻标准化生产推行者

Promoter of organic rice production standardization

有机水稻“十大关键技术集成及应用体系”构建创始人

Founder of “Integrated application of 10 key technologies” for organic rice

Outline

一. 当今中国有机水稻与有机稻农简况

About organic rice and organic rice farmers in China today

二. 中国有机水稻生产体现八大特征

Eight characteristics of organic rice production in China

三. 中国有机水稻产业发展成果与展望

Achievements and prospects of organic rice industry in China

1. 当今中国有机水稻与有机稻农简况 About organic rice and organic rice farmers in China today

1.1 中国有机水稻生产特色 Features of organic rice production in China

1.1.1 生产起步晚 Late start—late 1990s (research and experiment, production)

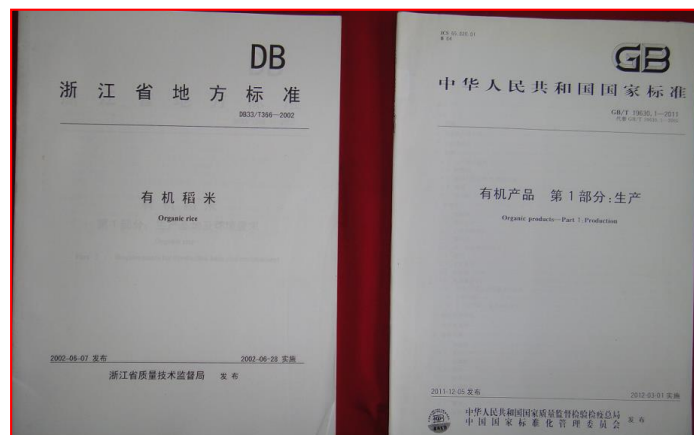


1.1.2生产进展快-----分为三个阶段Fast progress at three stages (1996-2018)

△ **起步寻路**Taking off (1996-2004) ----- “该如何做” (How to do it ?)

△ **依标运作**Follow standards (2005-2013) ---- “应这样做” (These should be done !)

△ **保障提升**Assurance and improvement(since 2014) ----- “还怎么做” (And what else?)



1.1.3生产特色多----体现在四个方面4 characteristics of production :

△产业特色-----点多面广，因地制宜，融合拓展Industry-----diverse, local adaptation, integration

△标准特色-----梯度层次，树立模板，全面应用Standards-----layered, template, comprehensive

△运作特色-----政府引导，科技支撑，控制风险Operation-----government led, tech support, risk control

△劳务特色-----高管高智，男女平等，同工同酬Workforce-----smart, gender equality, equal pay



1.2 有机认证-----分为面积、产量、生产稻农三大范围 Certification: acreage, yield and farmers

1.2.1 认证面积Certified acreage

-----in 28 provinces, 276,000 Ha. (late 2016), 0.9% of total rice acreage

1.2.2 认证产量Yields of certified rice

-----1.633 million kg (late 2016), 36% of all organic grains, average yield 393.7 kg/mu (5,905 kg/ha)

1.2.3 生产稻农Number of organic rice farmers

----2000+ organizations and individuals across China



1.3 中国有机稻农构成 Who are organic rice farmers in China

国有体制单位 State owned—companies, farms, schools

混合体制企业 Mixed ownership—state-private JV or cooperation

民营体制企业 Private—private company, entity, co-op

小型农户 Small holder—individual farmer, family farm, personal lease



2中国有机水稻生产实践的八大特征 Eight characteristics of organic rice production practices

2.1 Eight features



2.2 八大特征体现的核心--与国际有机农业与中国现代农业发展原则对应一致 8 features in line with principles of international organic agriculture and modern Chinese agriculture



3 中国有机水稻产业发展的创新成果与展望 Achievements and outlook of organic rice industry in China

3.1 产业发展六大创新成果 Six innovative achievements

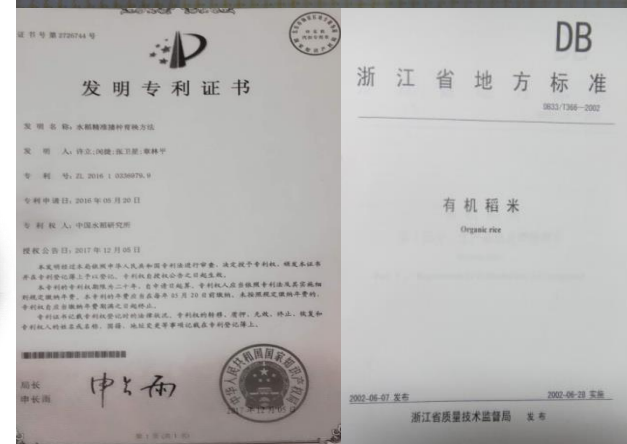
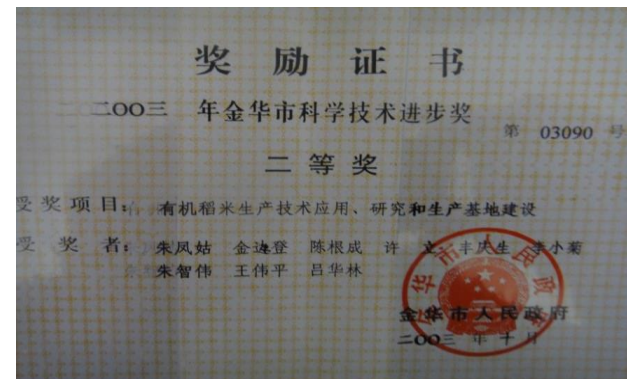
3.1.1 生产标准体系 Production standardization

3.1.2 专利 Patents

3.1.3 技术性著作 Technical publications

3.1.4 论文 Research papers

3.1.5 项目 Projects



3.1.6 创建“十大关键技术与集成应用模式体系” **Creating “10 key technologies and integrated application system”**

Ten key technology systems

- 有机水稻生产单元产地条件与管控技术

Production conditions and management technologies of organic rice

- 有机水稻种子（品种）选用与育秧技术

Seed selection and breeding technologies of organic rice

- 农家肥堆（沤）制技术

Farmyard manure/compost technology

- 有机稻田培肥与科学精准施肥技术

Soil fertility and precision fertilization technology for organic rice fields

- 有机水稻病虫害防控技术

Disease and pest control technology of organic rice

- 有机稻田杂草防控技术

Weed control technology in organic rice fields

- 有机稻田休耕与轮作综合技术

Comprehensive fallow and rotation technology of organic rice fields

- 有机稻田秸秆处理技术

Straw treatment technology of organic rice fields

- 有机稻谷收获与干燥技术

Harvesting and drying technology of organic rice grain

- 有机稻谷贮存与保质技术

Storage and quality assurance technology of organic rice grain

3.2 产业发展展望 Prospect of organic rice industry development in China

3.2.1 融入国家“乡村振兴”、“精准扶贫”、“生态发展”战略布局，将促生产促发展 美丽乡村建设、产业脱贫致富、生态环境打造

Engage in "Rural Revitalization", "Targeted Poverty Alleviation", "Eco Construction" strategies , to promote production, "beautiful countryside", "industry for poverty alleviation", and environmental development



3.2.2 对接农业供给侧改革和国内消费需求新趋势，将拉动生产发展

Trends of agricultural supply-side reform and domestic demand will drive production

原生品种传承、品种优化选择、优质性状评选

Original seeds, variety optimization, rating characteristics



3.2.3 引入先进的深加工研发和辅料综合开发新技术，将提升生产发展
Advanced deep processing and new technologies for adjunct materials will enhance production
智能加工技术、米制食品拓展、辅料经济利用 Smart processing, product range extension, value of adjunct materials



3.2.4突出“以稻论道”理念和“农科创”、“农文旅”新创意，将延伸生产发展"Way of the rice", highlight innovation on rice industry, agri-science, agri-culture, and agri-tourisim

深化“农+科+创”、开拓“农+文+旅”、宏扬有机文化价值
"Agro+science+innovation", "agro+culture+tourism" to promote organic culture



Conclusion

3.3 产业发展预测（结语） Forecast of organic rice industry development

3.3.1 有机水稻生产面积占比将会在未来十年发展到60万公顷左右 The organic rice acreage will grow to about 600,000 hectares in the next decade

3.3.2 有机稻农综合素质将与国际化对接 The abilities of organic rice farmers in China meet international standards

3.3.3 有机水稻产业效益将体现全面提质增效 The performance of the organic rice industry will be enhanced

谢谢！

Thank you

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