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**Specifications for operation management of Chinese medicinal
material (Codonopsis tangshen Oliv.) project**

中药材（川党参）产业项目运营管理规范

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Foreword

This guidance technical document was drafted in accordance with the rules given in GB/T 1.1-2009. Please note that some of the contents of this document may involve patents. The issuing organization of this document is not responsible for identifying these patents. This guidance technical document was proposed and managed by the China National Institute of Standardization. This guiding technical document was drafted. Chongqing Shennv Pharmaceutical Co., Ltd., Chinese Medicine Resource Center of China Academy of Chinese Medical Sciences, China Standardization Institute. The main drafters of this guiding technical document. Wu Cuixi, Chen Min, An Xin, Wu Zongzhan, Sun Zhaoyang, Cheng Yue, Liu Bolin.

Codonopsis tangshen Oliv. has the function of supplementing the vital energy, strengthening the spleen and improving the lungs. In addition to medicinal, it is also used for food. Habits, wide application, high demand, and broad market prospects. Chuan Dangshen is a large-scale Chinese herbal medicine variety suitable for large-scale development in alpine mountainous areas. The traditional planting area covers three state-level contiguous areas (Qinba Mountain Area, Liupanshui Mountain Area and Luliang Mountain Area). By standardized planting, The annual output value of Sichuan Codonopsis per mu is up to 5,000 yuan. The planting technique of Sichuan Codonopsis is relatively simple, and it is easy for poor households to master. Chuan Dangshen planting cycle After the bundle, it can also be rotated with other Chinese medicinal materials (such as Duhuo, Achyranthes, etc.), and professionally planted medicinal materials for poverty alleviation in the poor areas of the mountainous areas. Bring continuous benefits. Therefore, the Chinese herbal medicine (Chuan Dangshen) industry has an advantage in precision poverty alleviation, in order to regulate the operation of the industry in poverty alleviation projects, Promote typical experience and practices, and develop this guidance technical document. This guidance technical document can be used as reference for the operation and

management of the Sichuan Pyongyang Industrial Poverty Alleviation Project. Chinese herbal medicine (Chuan Dangshen) industrial project operation management norms

1 Scope

This guiding technical document gives the project conditions, the division of responsibilities, the project organization and operation, the analysis of the expected results of the project, the poverty-alleviation cycle and the project evaluation and management for poverty alleviation projects in the Chinese medicinal material (Codonopsis tangshen) industry, and provides a standardized typical case of targeted poverty alleviation through the Codonopsis tangshen industry (see Annex A). This guiding technical document applies to the operation management of Chinese medicinal material (Codonopsis tangshen) industry projects.

This guiding technical document gives the project conditions, division of responsibilities, project organization and operation of the industrial poverty alleviation project of Chinese herbal medicine (Chuan Dangshen), The expected results of the project, the poverty alleviation cycle, project evaluation and management, and provide a standardization case for the accurate poverty alleviation of the Sichuan Dangshen industry. Example (see Appendix A). This guidance technical document is applicable to the operation and management of industrial projects of Chinese herbal medicines (Chuan Dangshen).

2.1 Natural conditions

2.1.1 Environmental requirements The ecological environment is good, there is no pollution around, and the water source is good.

2.1.2 Climatic conditions In the alpine mountainous area between 1400m and 1700m above sea level, the temperature difference between day and night is large. The average annual precipitation is 1400mm~ 1900mm area. Choose more shades of seedlings, and choose a place with plenty of sunshine.

2.1.3 Soil conditions It is suitable for sandy soil with deep soil, fertile, loose, well-drained and rich in humus, pH 5.5~7.0.

2.2 Facility equipment conditions

2.2.1 Infrastructure The planting site of Sichuan Codonopsis should have irrigation and drainage facilities and basic transportation and power conditions.

2.2.2 Production equipment Agricultural machinery, simple agricultural machinery, drying and baking sites and equipment.

2.3 Personnel conditions

2.3.1 Interested in planting Sichuan Codonopsis, having the ability to work, and being able

to undertake field management such as land preparation, weeding, fertilization, and mining.

2.3.2 Have certain learning ability and be able to accept the necessary technical guidance and training for standardized planting and processing of *C. sinensis*.

2.3.3 There is land suitable for planting Sichuan Codonopsis.

2.4 Other conditions The following conditions will be more conducive to the implementation of the Sichuan Codonopsis planting project.

---Industrial development areas (counties, towns and towns) have a certain tradition of Sichuan Ginseng planting;

--- Technical experts who have been or can be hired (trained) to provide technical guidance on a long-term basis in the development area, such as colleges and universities Send team members, county and township agricultural technology station agricultural technicians, enterprise technical personnel, etc.;