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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/Z 38764-2020

**Targeted poverty alleviation - Chinese medicinal materials -
Specifications for operation mangagement of Amomum tsaoko
Crevost et Lemarie project**

精准扶贫 中药材 草果产业项目运行管理规范

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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 content of this document may involve patents. The issuer of this document does not assume responsibility for identifying these patents. This guidance technical document is proposed and managed by China National Institute of Standardization. This guidance technical document was drafted by: Yunnan Institute of Standardization, Institute of Medicinal Plant Development, Yunnan Academy of Agricultural Sciences, Fugong Yuneng Industrial Development Co., Ltd. The main drafters of this guidance technical document. Li Baozhu, Zhang Jinyu, Qiu Xiaoyan, Yang Shaobing, Zhu Rong, Yang Weize, Kang Yanni, Yang Meiquan, Li Ning, Zuo Yingmei, Li Jianchun, Yang Tianmei, Yang Lihao, Li Wanyi, Wang Peiyong, Xiao Dan, Shi Gang, Li Zhimin, Tang Chunyun, Chen Xiuhua, Li Chunfang, Ti Sanheng, Xu Zongliang, Wu Lihua, Wang Yuanzhong, Jin Hang.

Grass fruit (*Amomum tsoko* Crevostet Lemarie) is one of the major varieties of Chinese herbal medicine with dual purpose of medicine and food. The effect of sputum is also a condiment for diet cooking. It is suitable for a large population, large demand, and broad market prospects. The distribution area of grass and fruit is mainly in Yun South, Guangxi, Guizhou, and other places, these planting areas are concentrated and contiguous areas in my country's borderline ethnic minority areas. The traffic is relatively blocked, and the economic With a single thing, grass fruit has become the economic crop of choice for the frontier minorities to overcome poverty. Grass fruit can also be combined with other Chinese medicinal materials (Zhonglou, Huangjing, etc.) And fungi (morchella, etc.) interplanting, through a variety of business planting models to avoid risks and broaden the source of economic income. In addition, the grass and fruit are under the forest Economic crops, planted under secondary forests can prevent soil erosion, which is of great significance to the ecological protection of ecologically fragile areas. Therefore, grass fruit Industry has unique advantages and characteristics in the development of green ecological industries, border stability and poverty alleviation, which can become the preferred choice for targeted poverty alleviation industry. This guidance technical document can be used for

reference in the operation and management of the poverty alleviation project of the grass fruit industry. Chinese medicine for precise poverty alleviation Operation and management standards for grass fruit industry projects

1 Scope

GB/Z 38764-2020 is the Chinese national standard on targeted poverty alleviation - chinese medicinal materials - specifications for operation mangagement of amomum tsaoko crevost et lemarie project, in the field of services and company organization. The /Z suffix marks it as a guiding technical document: it does not prescribe requirements that can be certified against, but sets out the technique, the method or the state of the art that the standards bodies recommend following. It was issued on 28 April 2020 by the State Administration for Market Regulation; Standardization Administration of China. As a guiding technical document it carries no separate date of entry into force: it applies from publication.

Classification: ICS 03.100, CCS A00. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This guiding technical document gives the project conditions, division of responsibilities, project organization and operation, project expected achievements of the poverty alleviation project for the grass fruit industry Effectiveness analysis, project risk response, project evaluation and management, etc. This guidance technical document is applicable to the operation and management of grass fruit industry projects.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article Pieces. For the cited documents without date, the latest version (including all amendments) applies to this document.

GB 3095 Ambient Air Quality Standard

GB 5084 Farmland Irrigation Water Quality Standard

GB 15618 Soil Environmental Quality Management Standards for Agricultural Land Soil Pollution Risk Pharmacopoeia of the People's Republic of China

3.1 Natural conditions

3.1.1 Environmental requirements At the edge of the gullies at an altitude of 1200m ~ 1800m, there are secondary forests and mixed woods with a certain shade environment, and the light transmittance is 40% ~ 50% Or the degree of canopy closure is 0.5 ~ 0.6. There is no pollution in the surroundings, and the air quality of the production area should meet the air quality requirements of GB 3095 for agricultural areas.

3.1.2 Climatic conditions Choose an average annual temperature of 18 °C ~ 22 °C, shaded forest temperature is greater than 10 °C; annual frost-free period is more than 280d; Above 800mm, the relative humidity of the air is between 75% and 90%.

3.1.3 Soil conditions It is advisable to choose a slightly acidic and fertile sandy soil with rich humus, good ventilation and drainage performance, pH4.5 ~ 5.5, and the soil moisture content is 20% ~ An area of 30% with good drainage conditions is suitable. The soil should be free of heavy metals and other harmful substances, and the environmental quality of the soil should comply with GB 15618 Requirements for the management and control of agricultural land soil pollution risks.

3.1.4 Water quality conditions The quality requirements for irrigation water should meet the requirements of GB 5084, and there are no pollution sources around the water source.

3.2 Facilities and equipment conditions

3.2.1 Infrastructure The grass planting site should have drainage ditches and basic traffic conditions. Grass and fruit seedlings should be equipped with grass and fruit seedling greenhouses, and grass and fruit processing should be