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# **TECHNICAL SPECIFICATIONS FOR REGISTRATION OF GEOGRAPHICAL INDICATION**

## **1. NAME OF THE GEOGRAPHICAL INDICATION**

Chinese name: 安丘大姜

Transcription in Latin characters: Anqiu Da Jiang

Translation for information purposes: Anqiu Ginger

## **2. CATEGORY OF THE PRODUCT FOR WHICH THE NAME IS PROTECTED**

Other products of Annex I of the Treaty (spices etc.) - Ginger

## **3. APPLICANT**

Fruit and Vegetable Association of Anqiu City

## **4. PROTECTION IN CHINA**

Registered as certification mark on December 14th, 2009(registration number: 6886205).

## **5. DESCRIPTION OF PRODUCT**

Anqiu Ginger, a well-known traditional local variety in China, has a small number of above-ground prigs. The tuber is large and rich in tissues. The ginger has compact structure and little fiber. The color is bright yellow. The ginger has a strong spicy flavor and an oil content of 3‰-4‰.

## **6. CONCISE DEFINITION OF THE GEOGRAPHICAL AREA**

Anqiu City, located in east-central Shandong province, is 61.5 kilometers from south to north, and 65.3 kilometers from east to west, covering an area of 1760 square kilometers. It is located longitude 118°44' and 119°27' east longitude and 36°05'and 36°38'north latitude.

## **7. LINK WITH THE GEOGRAPHICAL AREA**

The specific characteristics of the Anqiu Ginger as defined under point 5 are due to the natural factors in the delimited geographical area. Anqiu City has a sub-humid climate of continental monsoon zone in warm temperate zone. Its climate is mild and seasons distinctive.

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There is ample sunshine and plenty of rain. The soil is mainly moist soil and cinnamon soil. The content of organic material in the soil is 11.72 g/kg, total nitrogen 0.54%, effective nitrogen 103.55 mg/kg, rapidly-available phosphorus (pure P) 51.53 mg/kg, rapidly-available potassium 142.10 mg/kg. There are over 50 rivers in Anqiu City, with an irrigation area of nearly 700,000 mu(46667 hectares).

According to Anqiu County Annals, in Wanli era of Ming dynasty, gingers are planted oddly in Anqiu. The good quality of Anqiu Ginger is related to the temperature, light and soil conditions there. Ginger likes warm and wet places, resists low temperature and frost, begins to sprout at above 16℃, resists hot, stops growing if higher temperature and direct sunlight. Summer is the strong growing period for ginger's root. Around 25℃ in daytime and 18℃at night is the most suitable for ginger's growing, which is consistent with Anqiu's summer temperature changes. In addition, Anqiu has deep soil, which is good for permeability and drainage, and for good retention to prevent water and nutrient leakage. The rich in organic matter content in soil is good for ginger seedlings and root development. As to requirements on trace elements, ginger relies on most on potassium, nitrogen in the middle and phosphorous for the least, which are about nitrogen (N) 38-42%, phosphorous (P<sub>2</sub>O<sub>5</sub>) 10-12.5%, potassium (K<sub>2</sub>O) 46-49%.The soil in Anqiu is mainly moist soil and cinnamon soil. The content of organic material in the soil is 11.72 g/kg, total nitrogen 0.54%, effective nitrogen 103.55 mg/kg, rapidly-available phosphorus 51.53 mg/kg, rapidly-available potassium 142.10 mg/kg, which is a natural place for ginger's growth.

#### **8. SPECIFIC RULES CONCERNING LABELLING AND USING (IF ANY)**

None

#### **9. CONTROL BODY / CONTROL AUTHORITY RESPONSIBLE FOR CHECKING THE RESPECT OF THE PRODUCT SPECIFICATIONS**

Market Supervision Administration of Anqiu City, Shandong Province