The Guidance of Chinese Geographical Indications

Northeast China
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中国地理标志产品（东北卷）
The Guidance of Chinese Geographical Indications (Northeast China)
中国地理标志产品 东北卷

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Geographical indications (GIs), an important form of intellectual property, play an important and effective role in stimulating the development of regional economy with characteristics, serving foreign trade and diplomacy and promoting fine traditional culture. GIs also represent an important resource for enterprises in their participation in market competition. With unique natural environment, time-honored history, and the inheritance of craft skills, GIs products enjoy an excellent reputation, strong market competitiveness and high brand value.

Thanks to its vast territory, abundant resources, diversified natural endowments, long history and rich culture, China has formed a large number of GIs products with features of material and intangible cultural heritage. According to the World Intellectual Property Indicators Report 2022 by the World Intellectual Property Organization (WIPO), “Data from the 93 national and regional authorities show there are an estimated 63,600 protected GIs in existence in 2021. China (9,052) reported the largest number of GIs in force”.

The Chinese government attaches great importance to the protection, application and international cooperation of GIs and has made a series of important arrangements. China successively signed the agreement on the protection of Geographical Indications with Thailand, and the protocol on cooperation in Geographical Indications with France. On March 1, 2021, the EU-China Agreement on Geographical Indications also went into effect.

To further enhance the brand influence and international visibility of Chinese GIs products, with the strong support of the Ministry of Agriculture and Rural Affairs of China and the China National Intellectual Property Administration, CCPIT has collected more than 2,060 Chinese GIs products with distinctive local characteristics and great trade potential, and compiled the Guidance of Chinese Geographical Indications in English with joint participation of CCPIT sub-councils, provincial and municipal GIs administrations, as well as experts in relevant fields.
为进一步提升中国地理标志产品的品牌影响力和国际知名度，中国贸促会在中国农业农村部、国家知识产权局等部门大力支持下，在各地方贸促会、省市地理标志管理部门和有关专家共同参与下，广泛收集中国 2000 多个地方特色鲜明、贸易潜力较大的地理标志产品，编制形成英文版《中国地理标志产品》丛书。

The Guidance of Chinese Geographical Indications includes volumes of Northeast China, North China, East China (Volume I, Volume II), Central South China, Southwest China and Northwest China. It gives a concise introduction to GI products in terms of name, characteristics and geographical scope with text and illustration. It aims to provide a practical reference for foreign enterprises to understand and search for Chinese GI products. We welcome critical comments and valuable suggestions from all sectors of society. We will continue to improve the guidance by cataloging more products and strengthening international exchanges, so as to present more premium Chinese GI products to the world, and bring tangible benefits to consumers in all countries.

《中国地理标志产品》丛书包括东北卷、华北卷、华东卷（上、下）、中南卷、西南卷、西北卷，以图文结合方式简明介绍产品名称、特征和地域范围，旨在为各国企业了解和寻找中国地理标志产品提供实用的工具书。欢迎社会各界批评指正，提出宝贵意见。我们将不断予以完善，收录更多产品，加强对外交流，推动更多中国地理标志优质产品走向世界，为各国消费者带来实实在在的利益。

March, 2023
Ken Hongbin
Director of Editorial Board
Chairman of China Council for the Promotion of International Trade

中国国际贸易促进委员会会长
编委会主任
任鸿斌
2023 年 3 月
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Zhangwu Black Beans

Protection in China

Fuxin City, Liaoning Province

Concise Definition of the Geographical Area

Zhangwu Black Beans are produced in 8 townships and towns under the administration of Zhangwu County, Fuxin City, Liaoning Province, including Ha’ertao Town, Mantanghong Township, Sibuzi Township, Fengjia Town, Xinglongbu Township, Dongliu Town, Dade Township and Qianfuxingdi Township. The geographical coordinates: east longitude 121°53'-122°58', north latitude 42°07'-42°51'. The highest point is at an altitude of 313.1 m. The total production area is 6,667 hectares, with the total annual output of 10,097 tons.

Description of Product

Zhangwu Black Beans are oval or spherical, with black or dark green skins. Zhangwu Black Beans are rich in protein, fat, vitamins, trace elements and crude fiber. The black beans contain more than 48% of proteins and 12% of fats, and the fat absorption rate is 95%. The fats are mainly unsaturated and contain: palmitic acid (2.4%-6.8%), stearic acid (4.4%-7.3%), arachidonic acid (0.4%-1.0%), oleic acid (23.0%-35.6%), linoleic acid (51.7%-57.0%), linolenic acid (2.0%-9.8%), and the unsaturated fatty acid (more than 86.1%). Besides, Zhangwu Black Beans also contains 1.64% of phospholipid.
Heishan Jinfeng Pear

Protection in China

Jinzhou City, Liaoning Province

Concise Definition of the Geographical Area

Heishan Jinfeng Pears are produced in 10 townships and towns under the administration of Heishan County, Jinzhou City, Liaoning Province, including Yingchengzi Township, Xinlitun Town, Fangshan Town, Badaohao Town, Taihe Town, Baichangmen Town, Zhen’an Township, Wuliangdian Town, Xuetun Township and Hujia Town. The geographical coordinates: east longitude 121°48’45”-122°37’30”, north latitude 41°27’30”-42°7’30”. The lowest point and highest point of Heishan County is at an altitude of 5.3 m and 381 m, respectively. The total production area is 6,667 hectares, with the total annual output of 17,325 tons.

Description of Product

The fruit of Heishan Jinfeng Pear is nearly spherical, with aroma. It has green yellow skin, and its skin will become golden yellow after storage. The weight of a single pear is 230-280 g. The pears have the characteristics of white and tender flesh, crisp and juicy texture, and sour and sweet taste. Heishan Jinfeng Pears contain soluble solids of 15%, soluble sugar of 13.5%, and soluble acid of 0.25%.
Xiaoliangshan Watermelon

Protection in China
中国保护登记号 AGI00037

Shenyang City, Liaoning Province

Concise Definition of the Geographical Area
Xiaoliangshan Watermelons are produced in 3 townships and towns under the administration of Xinmin County-level City, Shenyang City, Liaoning Province, including Liangshan Town, Lutun Township and Yaopu Township. The geographical coordinates: east longitude 122°27’-123°20’, north latitude 41°42’-42°17’. The average altitude of the production area is 31 m. The production area of Xiaoliangshan Watermelons is bounded to the west by Raoyang River, to the south by Dahongqi Town and Liuhe Town, to the east by Liuhe County, and to the north by Zhoutuozi Township. The total production area is 32,627 hectares, with the total annual output of 1.22 million tons.

Description of Product
The fruit of Xinmin Xiaoliangshan Watermelons has the shapes of mines, ovals and long circles. The watermelons have grass green or emerald green peels covered with dark green stripes on the surface. Xinmin Xiaoliangshan Watermelons make a feature of thin peels, sweet and juicy taste, and red or light red flesh. The Xiaoliangshan Watermelons contain more than 12% of sugar.
Gengzhuang Garlic

Protection in China
中国保护登记号 AGI00231

Anshan City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Gengzhuang Garlic includes 20 villages under the administration of Gengzhuang Town, Haicheng County-level City, Anshan City, Liaoning Province, including Dingjia Village, Beigeng Village, Xuejia Village, Donggeng Village, Xigeng Village, and Zhangxian Village, etc. The total area is 11,000 hectares. The production area of Gengzhuang Garlic was 2,000 hectares in 2009, with the total annual output of 30,000 tons. The geographical coordinates: east longitude 122°37'-122°42', north latitude 40°48'-40°59'. The average altitude of the protection area is 14.3 m.

Description of Product
Gengzhuang Garlic makes a feature of purple and thick skin, large head, uniform and large cloves, sticky and spicy taste, and hard texture. The largest garlic weighs 60 g. Gengzhuang Garlic is suitable for storage and transportation. Gengzhuang Garlic has higher contents of magnesium, various essential amino acids and proteins for the human body than those in other ordinary garlic.
Liaoning Cashmere Goat

Protection in China
中国保护登记号 AGI00343

Liaoning Province

Concise Definition of the Geographical Area
The geographical coordinates of the protection area of Liaoning Cashmere Goat: east longitude 118°53′-125°46′, north latitude 38°43′-43°26′. The main production area includes 407 townships and towns of 44 counties (county-level cities and districts) under the administrations of 8 cities in Liaoning Province, including Dalian City, Yingkou City, Anshan City, Liaoyang City, Dandong City, Benxi City, Fushun City, and Tieling City. There are 10 million breeding Liaoning Cashmere Goats, with the cashmere output of 2,500 tons.

Description of Product
Liaoning Cashmere Goats have white hair coat, with strong physique, well-proportioned and compact structure. The cashmere goat has a small head, with a thick neck. It has strong limbs and hooves, with straight back and waist. Its hair coat is soft and elastic, with thick fleece. Liaoning Cashmere Goats are famous for high yield of cashmere, high fineness of cashmere and longer cashmere fibers, etc. The weight of an adult ram is more than 40 kg, and cashmere produced from an adult ram is more than 450 g; the weight of an adult ewe is more than 30 kg, and cashmere produced from an adult ewe is more than 300 g. The natural length of cashmere is more than 40 mm; the fineness of cashmere is 10-20 μm; the percentage of fine fleece content in raw fleeces of goats is more than 60%.
Gaizhou Ginger

Protection in China
中国保护登记号 AGI00597

Yingkou City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Gaizhou Ginger includes 15 townships, towns and sub-districts under the administration of Gaizhou County-level City, Yingkou City, Liaoning Province, including Bangshibao Town, Nuanquan Town, Dongcheng Sub-district, Xicheng Sub-district, Qingshiling Town, Taiyangsheng Sub-district, Xihai Sub-district, Xutun Town, Tuanshan Sub-district, Shagang Town, Jiuzhai Town, Chentun Town, Liangtun Town, Wanfu Town, and Guizhou Town. The geographical coordinates: east longitude 121°56’44’’-122°53’26’’, north latitude 39°55’12’’-40°33’55’’. The production area of Gaizhou Ginger is 2,000 hectares, with the annual output of 105,000 tons.

Description of Product
With the long-term cultivation and natural evolution, Gaizhou Ginger has formed the unique characteristics. Gaizhou Ginger produced here has large tubes and thick flesh. Gaizhou Ginger has a strongly spicy taste, and is rich in various nutrients.
Fushun Monolithic Black Fungus

Protection in China

Fushun City, Liaoning Province

Concise Definition of the Geographical Area

Fushun Monolithic Black Fungus is produced in 8 townships and towns under the administration of Fushun County, Fushun City, Liaoning Province, including Hou’an Town, Shiwen Town, Jiubing Township, Xiahe Township, Maquanzi Township, Tangtu Township, Hailang Township, and Shangma Township. The geographical coordinates: east longitude 123°42’58“-124°27’01“”, north latitude 41°26’49“-41°55’46“”. The production area of Fushun Monolithic Black Fungus is bounded to the south by Benxi City, to the north by Fushun Urban areas, to the east by Xinbin Manchu Autonomous County and Qingyuan Manchu Autonomous County, and to the west by Shenyang City. The total production area is 1,638 km², with the area of arable land of 25,067 hectares.

Description of Product

Fushun Monolithic Black Fungus is in the shape of a bowl, and there is a few dark gray and short fuzz on the back side. The surface of black fungus ears is black brown and smooth, with shiny appearance. It has thick flesh, with the ear thickness about 1.7 mm. The fresh monolithic ear is small, with the diameter about 45 mm. Fushun Monolithic Black Fungus has high elasticity, with a smooth taste. Every 100 g of Fushun Monolithic Black Fungus contains 13.9 g of proteins, 0.7 g of fats, 57.8 g of carbohydrates, 3.19% of crude fibers, 710 mg of calcium, and 657 mg of iron.
Gaizhou Watermelon

Protection in China
中国保护登记号 AGI00599

Yingkou City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Gaizhou Watermelons includes 15 townships, towns and sub-districts under the administration of Gaizhou County-level City, Yingkou City, Liaoning Province, including Bangshibao Town, Nuanquan Town, Dongcheng Sub-district, Xicheng Sub-district, Qingshiling Town, Taiyangsheng Sub-district, Xihai Sub-district, Xutun Town, Tuanshan Sub-district, Shagang Town, Ertai Farm, Xiaoshipeng Township, Tuandian Town, Shuangtai Town, and Jiulongdi Sub-district. The geographical coordinates: east longitude 121°56′44″-122°53′26″, north latitude 39°55′12″-40°33′55″. The production area of Gaizhou Watermelons is 6,667 hectares, with the annual output of 400,000 tons.

Description of Product
With the long-term cultivation and natural evolution, Gaizhou Watermelons have formed the unique characteristics. Gaizhou Watermelons produced here have green peels and red pulp, with a juicy and sweet taste. Gaizhou Watermelons are rich in vitamin A, vitamin B, vitamin C, protein and various mineral compositions such as iron, calcium, potassium, phosphorus, magnesium, zinc, etc. The juice made from watermelon pulp is also rich in glutamic acid, arginine, fructose and malic acid.
Donggang Variegated Clam

Protection in China
中国保护登记号 AGIO0601

Dandong City, Liaoning Province

Concise Definition of the Geographical Area
Donggang Variegated Clams are mainly produced in mudflats of intertidal zone under the administration of Donggang City. The geographical coordinates of the eastern end of the protection area: east longitude 124°05'25"-124°06'00", north latitude 39°44'26.23"-39°49'44.18"; the geographical coordinates of the western end of the protection area: east longitude 123°30'49.94"-123°30'52.81", north latitude 39°45'24.56"-39°47'38.33". The southern end is at the isobath of 0 m, and the northern end is bounded to the land coastlines. The total area is 24,200 hectares.

Description of Product
The Donggang Variegated Clam is a kind of small marine bivalves, with hard and oval shells. Donggang Variegated Clams are nutritious and have a delicious taste. It is high in protein, with well-proportioned amino acids. It is low in fat and is mainly composed of unsaturated fatty acids which could be easily absorbed by the human body. It also contains various vitamins, and has medicinal value. In addition, the variegated clams also contains many essential trace elements for the human body such as calcium, magnesium, iron, etc. Every 100 g of Donggang Variegated Clam meat contains 8.37 g of proteins, 324 mg of calcium, 75.9 mg of iron, 70 mg of phosphorus, 0.65 mg of selenium, and 0.12 mg of riboflavin.
Donggang Surf Clam

Protection in China
中国保护登记号 AGI00602

Dandong City, Liaoning Province

Concise Definition of the Geographical Area
Donggang Surf Clams are mainly produced in the shallow and coastal waters of Donggang County-level City, Dandong City, Liaoning Province. The total protection area of the Surf Clams is 70,660 hectares.

Description of Product
Danggang Surf Clams are large in size, with round appearance. The Surf Clams from the shallow water zone are yellow brown, while the clams from the profundal zone are black brown. The shells of the surf clams are smooth, with growth stripes. Danggang Surf Clams have thick and tender meat, with thin shells. Its meat is rich in protein, fat and many mineral compositions, with a delicious taste. Every 100 g of Danggang Surf Clam meat contains 11.47 g of proteins, 344 mg of calcium, 249 mg of iron, 41 mg of phosphorus, 0.52 mg of selenium, and 0.08 mg of riboflavin.
Kuandian Shizhu Ginseng

Protection in China

Dandong City, Liaoning Province

Concise Definition of the Geographical Area

Kuandian Shizhu Ginseng is produced in Shizhu Village of Zhenjiang Town under the administration of Kuandian Manchu Autonomous County, Dandong City, Liaoning Province. The geographical coordinates: east longitude 125°21' -125°28', north latitude 40°43'-40°50', at an altitude of 350-810 m. The production area of Kuandian Shizhu Ginseng is bounded to the east by Yalu River, to the north by Xijiang Village of Zhenjiang Town, to the east by Daxicha Town, and to the west by Xialuhe Town. The total area is 7,867 hectares, and the total production area is 133 hectares with the annual output of fresh ginseng is 500 kg.

Description of Product

Compared with other kinds of ginseng, Kuandian Shizhu Ginseng has a shorter body, and dimpled stem scars in finer and longer circular or semicircular shapes. Its roots are long and soft, which is similar with those of mountain wild ginseng and distinct from those of ordinary ginseng. The active ingredients of Shizhu Ginseng are mainly saponins. According to the testing results, the content of total saponins of 12-year-old Shizhu Ginseng is 36% higher than that of garden ginseng and 17% lower than that of mountain wild ginseng. Therefore, 12-year-old Shizhu Ginseng has a much higher content of total saponins than garden ginseng; the content of total saponins of 12-year-old Shizhu Ginseng is approximate to that of mountain wild ginseng.
Beizhen Grape

Protection in China

中国保护登记号 AGI00878

Jinzhou City, Liaoning Province

Concise Definition of the Geographical Area

The protection area of Beizhen Grapes includes 10 townships and towns under the administration of Beizhen County-level City, Jinzhou City, Liaoning Province, including Dashi, Zheng’an, Futun, Guangning, Baojia, Changxingdian, Lvyang, Goubangzi, Liaotun and Zhaotun. The geographical coordinates: east longitude 121°33'-121°55', north latitude 41°22'-41°46'. The planting area of Beizhen Grapes is 13,333 hectares, with the annual output of 360,000 tons.

Description of Product

The Beizhen Grape is dark purple, with uniform and full grains. There are 35-45 grains for each fruit ear. The weight of a bunch of fruit ear is 400-500 g, and the average weight of a grain of grape is 10-12 g. Beizhen Grapes are dark purple or blue black, with the coloring rate of 99%. Beizhen Grapes have full grains, with a clean surface and moderately thick fruit powder. There’s no dust pollution and pesticide contamination for Beizhen Grapes which are rich in various essential nutrients for the human body.
Benxi Chinese Magnoliavine Fruit

Protection in China

Benxi City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Benxi Chinese Magnoliavine Fruit includes 99 administrative villages in 11 townships and towns, 1 farm and 1 sub-district under the administration of Benxi County, Benxi City, Liaoning Province, including Xiaoshi Town, Jianchang Town, Nandian towns, Tianshifu Town, Dongyingfang Township, Lianshanguan Town, Caohexiang Town, Caohekou Town, Caoheceng Town, Qinghecheng Town, Gaoguan Town, and Guanyinge Sub-district. The geographical coordinates: east longitude 123°34’53”-124°45’42”, north latitude 40°48’50”-41°33’50”. The total area is 6,667 hectares.

Description of Product
Fresh Benxi Chinese Magnoliavine Fruit has large and full grains, with the diameter of 7-11 mm. It’s bright red, with high fruit yield per plant. The dry Benxi Chinese Magnoliavine Fruit is purple red or dark-purple red, with hard and crisp seed coat and thick flesh. It has shiny and oily appearance. Benxi Chinese Magnoliavine Fruit has a high purity in terms of medicinal properties. It has five different tastes, which are sweet, sour, acrid, bitter and salty tastes. The content of schizandrin is ≥0.40%.
Heishan Brown-shell Egg

Protection in China

Jinzhou City, Liaoning Province

Concise Definition of the Geographical Area

Heishan Brown-shell Eggs are produced in Heishan County, Jinzhou City, Liaoning Province. The geographical coordinates: east longitude 121°49’- 122°36’, north latitude 41°28’- 42°08’. The production area of Heishan Brown-shell Eggs includes 302 administrative villages in 22 townships and towns, Heishan County, Jinzhou City, Liaoning Province, including Badaohao Town, Taihe Town, Hujia Town, Zhen’an Township, Changxing Town, Wuliangdian Town, Sijiazi Town, Lijia Town, Duanjia Township, and Xinlitun Town, etc. The output of Heishan Brown-shell Eggs in the protection area is 500,000 tons.

Description of Product

Heishan Brown-shell Eggs are oval, and the egg shape index is 1.30-1.35. The eggshell is clean and red brown. The egg white accounts for about 50%-60% of the whole egg. The albumen is colorless and transparent. The average weight of a single egg is 46-68 g. Every 100 g of Heishan Brown-shell Eggs contains: protein ≥16.1 g, phospholipids ≥0.34 g, and fat ≤3.97 g. Heishan Brown-shell Eggs contain various amino acids, minerals and vitamins. Especially, it is high in 8 kinds of essential amino acids for the human body. Every 100 g of Heishan Brown-shell Eggs contains 325 μg of vitamin A, 1.37 mg of vitamin E, 0.13 g of potassium, 6.9 mg of iron, and 0.26 mg of selenium, which are higher than these in other eggs.
Liaoning Liaoyu White Cattle

Protection in China
中国保护登记号 AGI01011

Fushun City, Liaoning Province

Concise Definition of the Geographical Area
Liaoning Liaoyu White Cattle are produced in Liaoning Province. The geographical coordinates: east longitude 118°53′-125°46′, north latitude 38°43′-43°26′. The main production area of Liaoning Liaoyu White Cattle includes 469 townships (towns and sub-districts) of 26 counties (county-level cities and districts) in 9 cities, Liaoning Province, including Kaiyuan County-level City, Diaoabingshan County-level City, Changtu County, Xifeng County and Tieing County in Tieling City, Liaozhong County, Xinmin County-level City, Faku County and Kangping County in Shenyang City, Zhangwu County and Fuxin Mongolia Autonomous County in Fuxin City, Linghai County-level City, Yixian County, Heishan County, and Beizhen Manchu Autonomous County in Jinzhou City, Panshan County in Panjin City, Fengcheng Manchu Autonomous County and Kuandian Manchu Autonomous County in Dandong City, Haicheng County-level City, Tai’an County and Xiuyan Manchu Autonomous County in Anshan City, Fushun County, Xinbin Manchu Autonomous County and Qingyuan Manchu Autonomous County in Fushun City, Benxi Manchu Autonomous County, and Huanren Manchu Autonomous County in Benxi City.

Description of Product
Liaoning Liaoyu White Cattle’s coat color is white or grass white. The cattle has a large and strong body, and plump muscles. Its body is in a rectangular shape. The beef of Liaoning Liaoyu White Cattle contains total amino acids of 84 mg/100g, crude protein of 80-85 mg/100g, and cholesterol of 220.2 mg/100g. The tested fat content of the beef is 10.61 mg/100g. The beef is high in protein, low in fat and cholesterol. It has a tender, soft and succulent taste, and a good flavor.
Suizhong Walnut

Protection in China
中国保护登记号 AGI01070

Huludao City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Suizhong Walnuts includes more than 80 villages of 15 townships and towns under the administration of Suizhong County, Huludao City, Liaoning Province, including Gaotai Town, Shahe Town, Qianwei Town, Wangfengtai Town, Gaodianzi Town, Fanjia Township, Qiuizigou Township, Yejia Town, Xiping Township, Mingshui Township, Gejia Township, Yong’an Township, Dawangmiao Township, and Xidianzi Township. The total protection area is 1,667 hectares. The geographical coordinates: east longitude 119°34’-120°31’, north latitude 39°59’-40°37’.

Description of Product
Suizhong Walnuts are large in size. The average weight of a single walnut is 10-15 g, and the largest walnut weighs 15.8 g. Suizhou Walnuts have thin shells, which can easily crack by pinching. Suizhou Walnuts have full and yellow white kernels, with a high kernel yield. The fat content of the kernels is 60%-75%, of which linoleic acid accounts for more than 65%. The protein content of kernels is 15%-29%, and the kernels also contain 18 kinds of amino acids. In addition, the kernels also contain various trace elements such as phosphorus, potassium, calcium, magnesium, manganese, copper, iron, and zinc. There are also many kinds of vitamins in the kernels, including carotene, thiamine, riboflavin (VB2), ascorbic acid, etc.
Gaizhou Grape

Protection in China
中国保护登记号 AGI01278

Yingkou City, Liaoning Province

Concise Definition of the Geographical Area

The protection area of Gaizhou Grapes includes 26 townships and towns (farms and sub-districts) under the administration of Gaizhou County-level City, Yingkou City, Liaoning Province, including Ertai Farm, Guizhou Town, Jiuzhai Town, Chentun Town, Jiulong Sub-district, Shagang Town, Gaotun Town, Nuanquan Town, Tuandian Town, Xutun Town, Dongcheng Sub-district, Taiyangsheng Sub-district, Xihe Sub-district, Tuanshan Sub-district, Yangyun Town, Wulongquan Town, Shizijie Town, Wanfu Town, Liangtun Town, Xiaoshipeng Township, Qingshiling Town, Guoyuan Township, Xicheng Sub-district, Shuangtai Town and Kuangdonggou Town. The geographical coordinates: east longitude 121°56′44″-122°53′26″, north latitude 39°55′12″-40°33′55″. The total production area is 6,667 hectares, with the annual output of 200,000 tons.

Description of Product

The mature Gaizhou Grape is purplish black, with thick skin. It's easy to peel and to separate the seeds from the flesh. Its flesh is soft and juicy. Gaizhou Grapes have strong adaptability, better disease resistance, and cold resistance. It contains 16.5%-18% of total soluble sugar and 17%-19% of soluble solids.
Gaizhou Peach

Protection in China
中国保护登记号 AGI01381

Yingkou City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Gaizhou Peaches includes 23 townships and towns (farms and sub-districts) under the administration of Gaizhou County-level City, Yingkou City, Liaoning Province, including Ertai Farm, Guizhou Town, Jiuzhai Town, Chentun Town, Jiulong Sub-district, Shagang Town, Gaotun Town, Tuandian Town, Xutun Town, Dongcheng Sub-district, Taiyangsheng Sub-district, Xihaib Sub-district, Tuanshan Sub-district, Yangyun Town, Wolongquan Town, Shizijie Town, Wafu Town, Liangtun Town, Qingshiling Town, Xicheng Sub-district, Shuangtai Town, and Kuangdonggou Town. The geographical coordinates: east longitude 121°56′44″–122°53′26″, north latitude 39°55′12″–40°33′55″. The total production area is 5,333 hectares, with the annual output of 160,000 tons.

Description of Product
Gaizhou Peaches are large in shape, with small pits and smooth skin. Gaizhou Peaches have a crisp and refreshing taste, with a beautiful appearance and color. Gaizhou Peaches contain total soluble sugar of 10.6%, soluble solids of 13.1%, and total acids of 4.5 g/kg. The peaches have a sour and sweet taste.
Jinzhou Apple

Protection in China
中国保护登记号 AGI01507

Jinzhou City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Jinzhou Apples includes 128 administrative villages in 29 townships and towns under the administration of Jinzhou City, including Linghai County-level City, Yixian County, Taihe District, Beizhen County-level City, Heishan County, and Songshan New District, etc. The geographical coordinates: east longitude 120°42'-122°36', north latitude 40°48'-42°08', at an altitude of 50-410 m. The planting area of Jinzhou Apples is 16,667 hectares, with the total output of 145,000 tons.

Description of Product
Mature Jinzhou Apples have shiny and smooth surfaces, which are clean without fruit russetting. The apples have thick fruit powder. Jinzhou Apples have crisp flesh, with high hardness. They have high sugar contents, and are easy to storage and transportation. The fruit hardness of Jinzhou Apples is ≥7 kg/cm². Jinzhou Apples contain soluble solids ≥13.0%, soluble sugar ≥11.3%, total acids ≤0.6%, and vitamins ≥5.0 mg/100g.
Huashige Millet

Protection in China
中国保护登记号 AGI01508

Fuxin City, Liaoning Province

Concise Definition of the Geographical Area
Huashige Township is located in the northwest of Fuxin Mongolia Autonomous County, Fuxin City, Liaoning Province. The protection area of Huashige Millet includes 8 administrative villages under the administration of Huashige Township, including Laizhu Village and Wandeiao Village, etc. The geographical coordinates: east longitude 121°11'-121°26', north latitude 41°54'-42°16'. The planting area of Huashige Millet is 1,600 hectares.

Description of Product
Huashige Millet is yellow or white, with uniform and full grains. The cooked millet porridge has a smooth and delicious taste, with a unique and pleasant flavor. The nutritious Huashige Millet is rich in protein, minerals and various vitamins such as vitamin E, carotene, etc. Compared with other ordinary millets, Huashige Millet has a higher content of essential trace elements for the human body, such as potassium, calcium, iron, selenium, and zinc, etc.
Liaoyang Big Hazelnut

Protection in China

Liaoyang City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Liaoyang Big Hazelnuts includes 152 villages of 8 townships and towns under the administration of Liaoyang County, Liaoyang City, Liaoning Province, including Shoushan Town, Xiadahe Township, Bahui Town, Helan Town, Tianshui Manchu Township, Jidongyu Manchu Township, Hanling Town, and Longchang Town. The geographical coordinates: east longitude 123°02'-123°41', north latitude 40°42'-41°16'. The planting area of Liaoyang Big Hazelnuts is 3,000 hectares, with the annual output of 6,750 tons.

Description of Product
Liaoyang Big Hazelnuts are golden yellow and beautiful in appearance. The hazelnuts are large and have full kernels with thin shells. For Liaoyang Big Hazelnuts, the taste is sweet and fragrant, and the kernel yield is high. Liaoyang Big Hazelnuts contain protein ≥18 g/100g and phosphorus ≥300 mg/100g. There are more proteins and phosphorus in Liaoyang Big Hazelnuts than those in other big hazelnuts.
Huanren Jingzu Rice

Protection in China
中国保护登记号 AGI01598

Benxi City, Liaoning Province

Concise Definition of the Geographical Area
Huanren Jingzu Rice is produced in Huanren Manchu Autonomous County, Benxi City, Liaoning Province. The protection area of Huanren Jingzu Rice includes 35 administrative villages of 4 townships and towns, including Huanren Town, Yahe Township, Gucheng Town, and Pulebao Town. The geographical coordinates: east longitude 124°27’-125°40’, north latitude 40°54’-41°32’. The total area is 3,333 hectares.

Description of Product
The cooked Huanren Jingzu Rice is shiny and which is pliable and tough is pliable and tough, with a pleasant fragrance. Huanren Jingzu Rice contains protein of 5-13 g/100g, amylose of 17-21 g/100g, and selenium ≥0.025 mg/kg. The gel consistency of Huanren Jingzu Rice is ≥60 mm. Compared with other rice, Huanren Jingzu Rice has premium levels of protein, amylose and gel consistency. In addition, it is also high in vitamins (such as niacin) and trace elements (such as selenium and iron).
Dahuofang Reservoir Carp

Protection in China  
中国保护登记号 AGI01599

Fushun City, Liaoning Province

Concise Definition of the Geographical Area

Dahuofang Reservoir is located in Dongzhou District, Fushun City, Liaoning Province. It is 18 km away from the center of Fushun City. It’s surrounded by 23 villages of 4 townships and towns. The geographical coordinates: east longitude 124°04'-124°21', north latitude 41°50'-41°56'. The total aquaculture area of Dahuofang Reservoir Carp is 70 km².

Description of Product

Dahuofang Reservoir Carp has the shape of a spindle. It’s flat and well-proportioned, with a small head and short tail. Its back is high and has the plump and beautiful appearance. It has strong adaptability and feeds on many things. It has smooth fins. The carp has a faint fish smell. Dahuofang Reservoir Carp is high in quality protein, calcium and iron. The compositions and ratio of various amino acids are well-balanced. Every 100 g of Dahuofang Reservoir Carp contains protein of 17.4-17.5 g, fat of 1.8-7.73 g and vitamin B2 of 0.036-0.166 g. Each kilogram of the carp contains calcium of 177-736 mg and iron of 3.9-24 mg.
**Beipiao Vitex Honey**

Protection in China  
中国保护登记号 AGI01952

**Chaoyang City, Liaoning Province**

**Concise Definition of the Geographical Area**

The protection area of Beipiao Vitex Honey is located in the northeast of Chaoyang City, Liaoning Province. The geographical coordinates: east longitude 120°15′00″-121°17′00″, north latitude 41°24′00″-42°17′00″. The planting area of Beipiao Vitex Honey is 1,600 hectares and at an altitude of 85-1074 m. The protection area of Beipiao Vitex Honey is bounded to the north by Aohan Banner and Naiman Banner of Inner Mongolia Autonomous Region, to the east by Fuxin City, to the west by Chaoyang City, and to the south by Linghai County-level City and Yixian County of Jincheng City, Liaoning Province. The protection area of Beipiao Vitex Honey includes 252 villages in 29 townships and towns.

**Description of Product**

Beipiao Vitex Honey is light amber, and has a sweet, faint sour taste. There is no impurities in the honey. The content of fructose and glucose in Beipiao Vitex Honey is ≥80.54 g/100g. Beipiao Vitex Honey contains sucrose <0.2 g/100g, zinc of 2.2 mg/kg, and selenium of 0.973 mg/kg.
Heishan Sweet Potato

Protection in China
中国保护登记号 AGI02014

Jinzhou City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Heishan Sweet Potatoes includes 62 villages of 21 townships and towns, Jinzhou City, Liaoning Province, including Yingchengzi Township, Xinlun Town, Xuetun Township, Fangshan Town, Badaohao Town, Baichangmen Town, Taihe Town, Wuliangdian Town, Zhen’an Township, Hujia Town, Banlamen Town, Raoyanghe Town, Lijia Town, Jiangtun Town, Xinxing Town, Duxing Township, Changle Town, Sijiazi Town, Dahushan Town, Duanjia Township, and Heishan Town. The geographical coordinates: east longitude 121°49’-122°36’, north latitude 41°28’-42°8’. The total production area is 1,333 hectares, with the total output of 30,000 tons.

Description of Product
Heishan Sweet Potatoes are spindle-shaped, with purple red and smooth skin and milky white flesh. The average weight of a single sweet potato is 200 g, and the largest sweet potato weighs 450 g. The cooked sweet potatoes have a mellow and starchy flavor that is mildly sweet, and the flesh becomes softer and delicate, but not stringy. Heishan Sweet Potato contains total sugar (calculated by glucose) of 3.5-5.5 g/100g, protein of 3-4.5 g/100g, starch >20%, and potassium of 180-220 mg/100g.
Benxi Kiwiberry

Protection in China

Benxi City, Liaoning Province

Concise Definition of the Geographical Area

Benxi Kiwiberry is produced in Benxi Manchu Autonomous County, Benxi City, Liaoning Province. The protection area of Benxi Kiwiberry includes 98 administrative villages of 11 townships and towns, 1 sub-district and 1 farm, Benxi City, Liaoning Province, including Xiaoshi Town, Jianchang Town, Nandian Town, Tianshifu Town, Dongyingfeng Township, Caohexiang Town, Lianshanguan Town, Caohekou Town, Caohecheng Town, Qinghecheng Town, Gaoguan Town, and Guanyinge Sub-district. The geographical coordinates: east longitude 123°34′53″-124°45′42″, north latitude 40°48′50″-41°33′50″. The total planting area of Benxi Kiwiberry is 8,600 hectares, with the annual output of 7,500 tons.

Description of Product

Benxi Kiwiberry has the shape of a long cylinder. The kiwiberry has green flesh, as well as long and round white core. The kiwiberry is large and uniform in size, with beautiful appearance. It has smooth and round skin. The average weight of a single Benxi Kiwiberry is 16.32 g, and the largest Benxi Kiwiberry weighs 23.7 g. The fresh kiwiberry has a sour and sweet taste, with a strong flavor. The mature period of Benxi Kiwiberry is from September to October. Benxi Kiwiberry is rich in nutrients. Its flesh contains magnesium of 7.95-14.5 mg/100g, calcium of 28.8-58 mg/100g, total amino acids of 863.19-1,215.88 mg/100g, soluble solids of 10-16 g/100g, soluble sugar of 6.5%-8.5%, and titratable acid of 0.8%-1.6%.
Dengta Rice

Protection in China
中国保护登记号 AGI02457

Liaoyang City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Dengta Rice includes 144 villages of 14 townships and towns under the administration of Dengta County-level City, Liaoyang City, Liaoning Province, including Zhangtaizi Town, Ximafeng Town, Guchengzi Sub-district, Liutiaozhai Town, Tong'erpu Town, Wuxing Town, Shendan Town, Dahanan Town, Yantai Sub-district, Wanbaoqiao Sub-district, Huazi Town, Liuhezi Town, Jiguanshan Township, and Xidayaqiao Town. The geographical coordinates: east longitude 122°52'30"-123°40'07", north latitude 41°14'20"-41°36'40".

Description of Product
Dengta Rice grains are translucent, with uniform size. The full grains are crystal clear, and the chalkiness degree is ≤3%. The cooked rice is pliable and tough, and has a delicate, smooth and soft taste. Dengta Rice is rich in various nutrients. The amylose content is 14%-18%. The length of rice grains is 4.9-5.2 mm, and the ratio of length to width is 1.77-1.80.
Liaoxi Donkey

Protection in China

Liaoning Province

Concise Definition of the Geographical Area
The protection area of Liaoxi Donkeys includes 382 villages and towns of 25 counties (county-level cities and districts) under the administration of 5 cities in Liaoning Province, including Fuxin City, Chaoyang City, Jinzhou City, Huludao City, and Shenyang City. The geographical coordinates: east longitude 120°15’00”-123°45’14”, north latitude 40°8’46”-42°39’29”, at an altitude of 20-831.4 m. The total production area is 53,217 km², and there are 800,000 Liaoxi Donkeys in stock in the protection area.

Description of Product
Liaoxi Donkeys’ coat color is mainly black. The coat is short, fine and shiny. Liaoxi Donkeys have strong bones and well-proportioned body structure. The donkey meat contains total amino acids of 16.0%-20.0%, iron of 13.0-45.0 mg/kg, zinc of 33.0-42.0 mg/kg, and potassium of 1,200.0-2,000.0 mg/kg. The yield rate of donkey-hide gelatin is as high as 30% of the weight of donkey hide. The donkey-hide gelatin has a smooth and shiny surface, brown and translucent texture, as well as a faint fragrant and sweet taste. Most donkey-hide gelatin is brown and translucent, with a brittle and hard texture.
Xinbin Rice

Protection in China
中国保护登记号 AGI02529

Fushun City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Xinbin Rice includes 181 administrative villages of 15 townships and towns, Fushun City, Liaoning Province, including Wangqingmen Town, Xiangshuihezi Township, Xinbin Town, Beisiping Township, Hongmiaozhi Township, Hongsheng Township, Weiziyu Town, Yongling Town, Muqi Town, Yushu Township, Shangjiahe Town, Xiajiahe Township, Nanzamu Town, Dasiping Town, and Pingdingshan Town. The geographical coordinates: east longitude 124°15'56"-125°27'46", north latitude 41°14'10"-41°58'50".

Description of Product
Xinbin Rice grains are translucent, with uniform size. The grains are moderately longer, with the length of 5-6 mm. The cooked rice is shiny in appearance, and has a faint, sweet taste. The cooked rice grains are enlarged. The cold cooked rice also has a good taste. For Xinbin Rice, its chalkiness degree is 0-5.0% and amylose content is 15-18.4 g/100g.
Jinzhou Jellyfish

Protection in China

Jinzhou City, Liaoning Province

Concise Definition of the Geographical Area

The production area of Jinzhou Jellyfish is located in the northwest of Liaodong Bay. It is surrounded by 25 villages in 6 townships and towns (including Dayou Township, Jianye Township, Yanjia Town, Niangnianggong Town, Wangjia Sub-district and Tianqiao Sub-district), Jinzhou City, Liaoning Province. It is 29.8 km away from the center of Jinzhou City. The total area is 67,246 hectares.

Description of Product

Most Jinzhou Jellyfish are purple red, while a few jellyfish are white. The surfaces of the jellyfish are shining and moist. The jellyfish meat is thick and tough, with a crisp texture. According to the testing results, every 100 g of Jinzhou Jellyfish contains: proteins 1.38-1.88 g, ash 1.5-2.4 g, carbohydrates 0.9-1.0 g, cholesterol 2.38-3.48 mg, calcium 23.6-42.5 mg, phosphorus 6.9-50.4 mg, potassium 30.6-56.5 mg, magnesium 66.2-122 mg, vitamin B2 0.11-0.44 mg, and vitamin E 0.198 mg.
Lvshan Egg

Protection in China
中国保护登记号 AGI02602

Jinzhou City, Liaoning Province

Concise Definition of the Geographical Area
The production area of Lvshan Eggs includes 224 administrative villages of 20 sub-districts, towns and towns under the administration of Beizhen County-level City, Jinzhou City, Liaoning Province, including Beizhen Sub-district, Guangning Sub-district, Futun Sub-district, Liaotun Town, Zhaotun Town, Qingduizi Town, Gaoshanzhi Town, Zhong'an Town, Zheng'an Town, Changxing Town, Lvyang Town, Wujia Town, Datun Township, Liujia Township, Dashi Town, Baojia Township, and Xinli Farm, etc. The geographical coordinates: east longitude 121°33'-122°12', north latitude 41°19'-41°33'. The total area is 1,782 km².

Description of Product
Lvshan Eggs are oval, with the egg shape index of 1.30-1.35. The eggshell is clean and intact, without any cracks. The egg white accounts for about 50%-60% of the whole egg. The egg white is colorless and transparent, which has no peculiar smell. The average weight of a single egg is 46-68 g. Lvshan Eggs contain various amino acids, minerals and vitamins. Especially, it has a high content of 8 essential amino acids. Every 100 g of Lvshan Eggs contains 91.6 μg of vitamin A, 2.36 mg of vitamin E, 142 mg of potassium, 1.90 mg of iron, 26 μg of selenium, 1.23 mg of zinc, and 46.7 mg of calcium.
Tieling Hazelnut

Protection in China

Tieling City, Liaoning Province

Concise Definition of the Geographical Area

The protection area of Tieling Hazelnuts is under the administration areas of 8 counties (county-level cities), Tieling City, Liaoning Province, including Tieling County, Kaiyuan County-level City, Changtu County, Xifeng County, Diaobingshan County-level City, Yinzhou District, Qinghe District, and Tieling Economic Development Zone. The geographical coordinates: east longitude 123°27’-125°06’, north latitude 41°59’-43°29’. The total production area of Tieling Hazelnuts is 75,333 hectares, with the total output of 31 million kg.

Description of Product

Tieling Hazelnuts have the shapes of spires or cylinders, with smooth and yellow or brown surfaces. The kernels of hazelnuts are covered of yellow brown seed coats and 2 pieces of yellow white cotyledons. The kernels have a pure taste and pleasant fragrance. According to the testing results, the kernels of Tieling Hazelnuts contain fat of 57.1%, protein of 20.1%, vitamin E of 9.13 mg/100g, glutamic acid of 3,009 mg/100g, arginine of 2,032 mg/100g, aspartic acid of 1,659 mg/100g, phenylalanine of 1,453 mg/100g, leucine of 1,366mg/100g, and lysine of 1,023mg/100g.
Xiuyan Kiwiberry

Protection in China
中国保护登记号 AGI02805

Anshan City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Xiuyan Kiwiberry is located in Xiuyan Manchu Autonomous County in the north of Liaodong Peninsula. It includes 199 administrative villages of 26 townships and towns, sub-districts and economic zones, Anshan City, Liaoning Province, including Xindian Town, Qingliangshan Town, Yaoshan Town, Shimiaozhi Town, Suzigou Town, Pianling Town, Chaoyang Town, Dayingzi Town, Longtan Town, Qianyingzi Town, Hadabei Town, Shihuiyao Town, Huanghuadian Town, Muniu Town, Dafangshen Town, Sanjiazi Town, Yanghe Town, Linggou Township, Shaozihe Township, Hongqiyingzi Township, Daning Sub-district, Xianrenzui Sub-district, Yahe Industrial Economic Zone, Xinglong Economic Zone, and Fuchang Economic Zone. The geographical coordinates: east longitude 122°52'-123°41', north latitude 40°00'-40°39'. The total production area of Xiuyan Kiwiberry is more than 333 hectares, with the total output of 400,000 kg.

Description of Product
The average weight of a single Xiuyan Kiwiberry is 17.85 g, and the largest Xiuyan Kiwiberry weighs 43 g. Xiuyan Kiwiberry has very smooth and round skin, without fuzz on the skin surface. Its juicy flesh is delicate and emerald green and has a sour and sweet taste, with a strong flavor. Xiuyan Kiwiberry is rich in nutrients. Its flesh contains various amino acids, vitamins, fat, dietary fiber, protein, potassium, iron, magnesium, calcium and various trace elements. The flesh of Xiuyuan Kiwiberry contains vitamin C of 150-200 mg/100g, dietary fiber of 3.5-4.5 g/100g, total acids of 12-15 g/kg, soluble solids of 9.5%-15%, iron of 4.45 mg/kg, and total amino acids (16 kinds of amino acids) of 1.1-1.85 g/100g.
Dashiqiao Da Hong Pao Plum

Protection in China

Yingkou City, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Dashiqiao Da Hong Pao Plum includes 131 administrative villages of 9 townships and towns (sub-districts), Yingkou City, Liaoning Province, including Zhoujia Town, Tangchi Town, Jianyi Town, Huangtuling Town, Baizhai Sub-district, Guantun Town, Huzhuang Town, Yongan Town, and Boluopu Town. The geographical coordinates: east longitude 122°29′10″-122°54′42″, north latitude 40°19′52″-40°45′51″. The total production area is 1,120 hectares, with the annual output of 16,800 tons.

Description of Product
Dashiqiao Hong Pao Plum makes a feature of large size, thin skin and bright color. It has yellow flesh and small pit. The largest plum weighs 300 g, and the average weight of a single plum is 150-200 g. The diameter of the plum is 60-70 mm. Dashiqiao Da Hong Pao Plum has juicy and delicious flesh, with a sour and sweet taste. Dashiqiao Da Hong Pao Plum contains soluble solids ≥11.5%, total acids ≤1.2% and vitamin C ≥3 mg/100g.
Zhangwu Sweet Potato

Protection in China

Fuxin City, Liaoning Province

Concise Definition of the Geographical Area

Zhangwu Sweet Potato is produced in 184 administrative villages of 24 townships and towns under the administration of Zhangwu County, Fushun City, Liaoning Province. The production area is bounded to the east by Kangping County and Faku County in Shenyang City, to the south by Xinmin County-level City in Shenyang City, to the west by Fuxin Mongolia Autonomous County in Fuxin City, and to the north by Kulan Banner and Horqin Left Wing Back Banner in Tongliao City, Inner Mongolia Autonomous Region. It’s 87.5 km long from east to west, and 79 km wide from south to north. The geographical coordinates: east longitude 121°53’-122°58’, north latitude 42°07’-42°51’. The total production area is 6,667 hectares, with the total output of 200,000 tons.

Description of Product

Zhangwu Sweet Potato has the shape of a spindle. It has red, smooth skin and white flesh. The average weight of a single sweet potato is 200-300 g. The cooked sweet potato has a mellow and starchy flavor that is mildly sweet. Zhangwu Sweet Potato contains soluble total sugar $\geq$11%, protein $\geq$0.9%, and starch $\geq$14 g/100g.
Xinbin Honey

Protection in China

Fushun City, Liaoning Province

Concise Definition of the Geographical Area
The production area of Xinbin Honey includes 181 administrative villages of 15 townships and towns under the administration of Xinbin Manchu Autonomous County, Fushun City, Liaoning Province, including Xinbin Town, Hongsheng Township, Wangqingmen Town, Xiangshuihe Township, Hongmiaozi Township, Beisiping Township, Yongling Town, Yushu Township, Muqi Town, Shangjiahe Town, Nanzamu Town, Xiajiuhe Township, Dasiping Town, Weiziyu Town, and Pingdingshan Town. The geographical coordinates: east longitude 124°15'-125°27', north latitude 41°14'-41°58'. The total area is 4,432 km².

Description of Product
The color of Xinbin Honey is light amber. The thick and viscous honey has shiny and limpid appearance. Xinbin Honey has a sweet taste, faint scent and fragrance of flowers. It is viscous fluid at room temperature, with partial crystallization. The content of fructose and glucose in Xinbin Honey is ≥60 g/100g. For Xinbin Honey, the sucrose amylase activity (1% starch solution) is ≥10 mL/(g.h), and the calcium content (calculated by Ca) is ≥10 mg/kg.
Lvshun Big Cherry

Protection in China
中国保护登记号 AGI00322

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
Lvshunkou District is the southernmost part of the Liaodong Peninsula. The geographical coordinates: east longitude 120°57’-121°28’30”, north latitude 38°40’-39°10’. The coastal line is 169.7 km in length. The protection area is bounded to the east by Huangnichuan Village in Longwangtang Sub-district, to the west by Dadianzi Village in Shuangdaowan Sub-district, to the south by Chenjia Village in Tieshan Sub-district, and to the north by Zhaojia Village in Changcheng Sub-district. It is 14,000 hectares, and the total planting area of Lvshun Big Cherries is 6,800 hectares. The output is 4,500 kg per hectare.

Description of Product
Lvshun Big Cherries have more than 70 varieties, such as Hongdeng Cherry and Meizao Cherry. Lvshun Big Cherries are large and bright, with a shiny appearance. The cherries are rich in sugars. They are also rich in other nutrients. Every 100 g of Lvshun Big Cherries pulp contains soluble solid of 17.1 g, protein of 1.6 g, fat of 0.3 g, calcium of 25 mg, phosphorus of 25 mg, iron of 1.4 mg, carotene of 0.15 mg, thiamine of 0.04 mg, riboflavin of 0.08 mg, niacin of 0.4 mg, potassium of 258 mg, sodium of 0.7 mg, and magnesium of 10.6 mg.
Dalian Sea Mustard

Protection in China

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
Dalian Sea Mustard is mainly distributed in Ganjingzi District, Jinzhou District, Lvshunkou District, the Development Zone, and Changhai County, which are under the administration of Dalian Municipality, Liaoning Province. The geographical coordinates of the sea area: east longitude 120°58'-123°43', north latitude 38°43'-40°12'. The total cultivation area of Dalian Sea Mustard is 6,000 hectares.

Description of Product
The dried Dalian Sea Mustard is nutritious, and has a good taste. It's rich in essential nutrients for the human body, including protein, alginic acid, crude fiber, various vitamins and trace elements. For dried Dalian Sea Mustard, every 100 g contains protein of 15-25 g, calcium of 800-1300 mg, iron of 6-15 mg, and crude fiber of 5-10 g.
Dalian Yesso Scallop

Protection in China
中国保护登记号 AGI00341

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
Dalian Yesso Scallops are mainly distributed in the 7 districts, 2 county-level cities, and 1 county under the administration of Dalian Municipality, Liaoning Province, including Zhongshan District, Xigang District, Shahekou District, Ganjingzi District, Jinzhou District, Lvshunkou District, Pulandian District, Wafangdian County-level City, Zhuanghe County-level City, and Changhai County. The geographical coordinates: east longitude 120°58′-123°31′, north latitude 38°43′-40°12′. The total production area of Dalian Yesso Scallops is about 224,000 hectares. The annual output is 260,000 tons, and the output value is 3 billion RMB.

Description of Product
Dalian Yesso Scallop belongs to the cold-water and large scallop species. It grows slowly, and the largest shell is greater than 10 cm. Dalian Yesso scallop is fan-shaped, with yellow white right shell and purple brown left shell. The right shell is larger convex, and the left shell is smaller and slightly flat. Dalian Yesso Scallop is rich in nutrients. Every 100 g of Dalian Yesso Scallop contains protein of 63.7 g, fat of 3 g, carbohydrates of 15 g, calcium of 47 mg, phosphorus of 886 mg, and iron of 2.9 mg. It is also rich in unsaturated fatty acids of EPA and DHA.
Lvshun Abalone

Protection in China
中国保护登记号 AGI00652

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
Lvshun Abalone is mainly distributed in the waters of Longtou Sub-district, Tieshan Sub-district, Lvshun Development Zone and Shuangdaowan Sub-district under the administration of Lvshunkou District, Dalian Municipality, Liaoning Province. The geographical coordinates: east longitude 121°16’29.71”-121°20’22.07”, north latitude 38°49’13.97”-38°58’9.95”. The total aquaculture area of Lvshun Abalone is 1,866 hectares.

Description of Product
Lvshun Abalone has a medium-sized and hard shell, with a green-brown or brown appearance. There are obvious growth lines on the clean shell surface without any mud attached. The artificial Lvshun Abalone is greater than 6 cm in length, while the wild abalone is greater than 8 cm in length. Lvshun Abalone has white or pale yellow elastic flesh, delicious taste, and special aromas. According to the testing results, the fresh abalone contains protein of 12%-16%, fat of 0.3%-0.8%, and iron of 5-9 mg/100g. It is also rich in various amino acids.
Lvshun Arkshell

Protection in China
中国保护登记号 AGI00653

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
Lvshunkou District is located at the southernmost tip of the Liaodong Peninsula, and the coastal line is 158.50 km in length. The geographical coordinates of the southern end of Lvshunkou District: east longitude 121°20′22.07″, north latitude 38°49′13.97″. The geographical coordinates of the northern end of Lvshunkou District: east longitude 121°16′29.71″, north latitude 38°58′9.95″.

Description of Product
Lvshun Arkshell has large and thick shells with an oblique oval shape. Generally, the length of the shells is 80-104 mm, and the height is 62-85 mm. The length and height of the large arkshell can reach 122 mm and 102 mm, respectively. The external shell surface is white, and the inner shell surface is gray white, with wide, smooth and uniform radial ribs. Lvshun Arkshell has red and tender meat, and a delicious taste. The meat is rich in nutrients, which can be absorbed easily by the human body. According to the testing results, the fresh Lvshun Arkshell contains: protein of 11.2%-15.9%, fat of 0.45%-0.5%, aspartic acid of 0.88%-0.90%, threonine of 0.41%-0.44%, serine of 0.62%-0.65%, glutamic acid of 0.66%-0.70%, alanine of 0.82%-0.86%, lysine of 0.95%-0.98%, and arginine 0.85%-0.89%.
Zhuanghe Oyster

Protection in China
中国保护登记号 AGI00654

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
Zhuanghe Oysters mainly refer to artificial and wild oysters, which are farmed in the waters in the northern part of the Yellow Sea, and Zhuanghe County-level City of Liaoning Province. The geographical coordinates: east longitude 122°43‘ -123°30‘, north latitude 39°27‘-39°45‘. The specific production area includes the waters of Shicheng Island, Zhuanghe Black Island, Wangjia Island, and Nanjian. The aforementioned waters have unique geographical conditions, which are favorable climate, good water quality, and a large number of bait, etc. These conditions are appropriate for oyster reproduction and growth. The total aquaculture area of Zhuanghe Oysters is 10,000 hectares, with the annual output of 150,000 tons and output value of 300 million RMB.

Description of Product
For Zhuanghe Oysters, the shell length is about 6 cm. Most shells are pale yellow or purple brown, and have irregular shapes. The general shapes are elongated or long triangles. Zhuanghe Oysters have a delicious taste, with high nutritional values. Zhuanghe Oysters contain calcium of 55-65 mg/100g, iron of 10-15 mg/100g, zinc of 1.2×102-1.5×102 mg/kg, and selenium of 0.30-0.50 mg/kg. In addition, the oysters contain various vitamins and taurine.
Zhuanghe Pholiota Nameko

Protection in China

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area

Zhuanghe County-level City is located at the southern tip of the Liaodong Peninsula. The geographical coordinates: east longitude 122°29'10"-123°31'24", north latitude 39°27'52"-40°12'10". The protection area of Zhuanghe Pholiota Nameko is bounded to the east by Huoshilingtun of Layao Village in Lizifang Town, to the west by Shabaotun of Yongsheng Village in Mingyang Town, to the south by Haiyang Village in Chengguan Sub-district, and to the north by Weizitun of Weizi Village in Taling Town. The total protection area of Zhuanghe Pholiota Nameko is 3,882 km², with the total output of 50,000 tons.

Description of Product

According to the testing results, every 100 g of fresh Zhuanghe Pholiota Nameko contains protein of 1.2 g, total sugar of 2.6%, fat of 0.13%, crude fiber of 0.3%, and ash of 0.52%. According to the records, every 100 g of dried Pholiota Nameko contains crude protein of 0.76 g, fat of 4.0 g, total carbohydrates of 8.89 g, methylpentosan of 0.9 g, and ash of 8.99 g.
Wafangdian Red Fuji Apple

Protection in China
中国保护登记号 AGI00740

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Wafangdian Red Fuji Apples is bounded to the east by Mutun in Wanjialing Town, to the west by Jingkou in Xietun Town, to the south by Shanqiantun in Xietun Town, and to the north by Kuangdongshan in Liguan Town. The geographical coordinates: east longitude 121°13'-122°16', north latitude 39°20'-40°07'. The total planting area in the entire Wafangdian County-level City is 15,733.33 hectares, with the total output of 472,000 tons.

Description of Product
Wafangdian Red Fuji Apples are large in size, and most apples are oblate. The average weight of a single apple is 180-300 g, and the largest apple weighs more than 400 g. The apples have smooth and shiny skin. The flesh is yellow white and crisp, with dense and juicy texture. Wafangdian Red Fuji Apples have a sour and sweet taste, strong fragrance, and high quality. Wafangdian Red Fuji Apples contain soluble solids of 15.3%-16.0%, and acid of 0.2%-0.4%. The hardness of apples is 8.60-10.89 kg/cm². Wafangdian Red Fuji Apples are very capable of long-term storage and transportation. They can be stored from the harvest time until April and May of the following year.
Zhuanghe Strawberry

Protection in China

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area

The protection area of Zhuanghe Strawberries is bounded to the east by Huoshilingtun of Layao Village in Lizifang Town, to the west by Shabaotun of Yongsheng Village in Mingyang Town, to the south by Haiyang Village in Chengguan Sub-district, and to the north by Weizitun of Weizi Village in Taling Town. The geographical coordinates: east longitude 122°29′0″-123°31′24″, north latitude 39°27′52″-40°12′10″. The total protection area of Zhuanghe Strawberries is 13,333.33 hectares, with the production area of 10,000 hectares. The production of Zhuanghe Strawberries involves 129 villages of 17 townships and towns. The total output of strawberries is 600,000 tons, with the output value of 9.6 billion RMB.

Description of Product

Zhuanghe Strawberries are heart-shaped, with uniform size and beautiful appearance. The strawberries are bright red and shiny, with specially strong fragrance. It has juicy flesh, with a sweet and sour taste, and it is rich in nutrients. According to the testing results, Zhuanghe Strawberries contain soluble solids of 6.78%-10.6%, total acids of 0.5-3 g/kg, and vitamin C of 38.9-58 mg/100g.
Zhuanghe Blueberry

Protection in China
中国保护登记号 AGI01013

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Zhuanghe Blueberries is bounded to the east by Huoshilingtun of Layao Village in Lizifang Town, to the west by Shabaotun of Yongsheng Village in Mingyang Town, to the south by Haiyang Village in Chengguan Sub-district, and to the north by Weizitun of Weizi Village in Taling Town. The geographical coordinates: east longitude 122°29′10″-123°31′24″, north latitude 39°27′52″-40°12′10″. The total protection area of Zhuanghe Blueberries is 20,000 hectares, with the production area of 10,000 hectares. The production of Zhuanghe Blueberries involves 121 villages of 18 townships and towns.

Description of Product
Zhuanghe Blueberries are oblate, with uniform size and beautiful appearance. The blueberries are dark blue, and have juicy flesh, sweet and sour taste, and rich nutrients. According to the testing results, every 100 g of Zhuanghe Blueberries contains soluble solids of 12-15 g, total acids of 0.048-0.065 g, vitamin C of 5.4-7.6 mg, and procyanidin of 300-380 mg.
Wafangdian Grape

Protection in China
中国保护登记号 AGI01071

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
Wafangdian County-level City (under the administration of Dalian Municipality, Liaoning Province) is located in the central and western region of the Liaodong Peninsula. The production area of Wafangdian Grapes is bounded to the east by Maoshan Village in Wanjialing Town, to the west by Dawei Village in Tuoshan Township, to the south by Shashan Village in Xietun Town, and to the north by Kuangdongshan Village in Liguan Town. The geographical coordinates: east longitude 121°13'-122°16', north latitude 39°20'-40°07'. The total production of Wafangdian Grapes is 3,333.33 hectares.

Description of Product
Wafangdian Grapes are rich in 22 kinds of nutrients such as protein and amino acids. Wafangdian Grapes contain carbohydrate of 18%-21%, calcium of 5-6.16 mg/100g, and vitamin C 4.50-5.06 mg/100g. Wafangdian Grapes have two varieties: Kyoho Grape and Red Globe Grape. Kyoho Grapes are nearly cylindrical and grow in clusters. They make a feature of compact ears, round grains, and elastic skin. The weight of a fruit ear is 0.4-0.6 kg, and a fruit ear has 40-50 grape grains. Kyoho Grapes are dark purple and have delicate, smooth and pale green flesh. The juicy flesh is fiber-free, and has a sweet taste with faint scent. The fruit ears of Red Globe Grapes are conical, with pink and oval grains. The average weight of a fruit ear is 0.6-1.0 kg. The juicy flesh is milky white and crisp, with a sweet taste. Red Globe Grapes have thin and crisp skin.
Wafangdian Yandian Sweet Potato

Protection in China

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area

The protection area of Wafangdian Yandian Sweet Potatoes is bounded to the east by Wantun Village in Wanjialing, to the west by Huangmidong Village in Donggang Town, to the south by Zhantun Village in Fuzhouwan, and to the north by Binhai Road in Taipingwan. The geographical coordinates: east longitude 121°13′-122°16′, north latitude 39°20′-40°07′. The total planting area of Wafangdian Yandian Sweet Potatoes is 2,793.5 km², and the total protection area is 8,133.33 hectares. The production of sweet potatoes is 45 tons per hectare. The annual output is 366,000 tons.

Description of Product

The average weight of a single Wafangdian Yandian Sweet Potato is 300-800 g, and the largest individual weighs about 1,000 g. There are 4-6 sweet potatoes per plant. The potato surface is purple black, with shiny and beautiful appearance. This kind of sweet potatoes have red skin and yellow flesh. The raw sweet potato has a sweet and crisp taste, and the cooked sweet potatoes tastes soft and sweet. Each kilogram of Wafangdian Yandian Sweet Potatoes contains protein of 20-23 g, sugar of 290 g, fat of 3 g, vitamin A of 6.8 g, calcium of 80 mg, phosphorus of 200 mg, iron of 4 mg, vitamin C of 300 g, niacin of 55 mg, and ascorbic acid of 300 mg. The sweet potatoes are also rich in carotene and nine kinds of amino acids.
Lvshun Conch

Protection in China
中国保护登记号 AGI01073

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
Lvshunkou District is located at the southernmost tip of the Liaodong Peninsula, and the coastal line is 158.50 km in length. The total area of waters is 2,038 km². The geographical coordinates of the southern end of Lvshunkou District: east longitude 121°20'22.07", north latitude 38°49'13.97". The geographical coordinates of the northern end of Lvshunkou District: east longitude 121°16'29.71", north latitude 38°58'9.95". The protection area of Lvshun Conch is from waters of Tahewan in the south to the waters of Dachaokou in the north. The major production bases of Lvshun Conch contains waters of Bailanzi, waters of Dongtuozi, waters of Aizikou and waters of Beihai.

Description of Product
Lvshun Conch has a pear-shaped shell which is large and hard. There are about 6 layers of spiral circles on the shell. Its shell has a sharp top, with rough surface and brown or purple brown spots. The shell aperture is large and oval, and the inner surface of the shell is bright and orange red. The outer surface of the shell is brown red. Lvshun Conch has thick and tender meat, with a smooth and delicious taste. It’s rich in nutrients which are easily absorbed by the human body.
Jinzhou Blood Clams

Protection in China
中国保护登记号 AGI01074

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Jinzhou Blood Clams is bounded to the north by the estuary of the northern Dasha River in Xingshu Sub-district and to the south by Chengshantou in Jinsihuan Sub-district. The geographical coordinates of waters: north latitude 39°19’03.070”, east longitude 122°15’39.481”; north latitude 39°16’31.644”, east longitude 122°20’40.266”; north latitude 39°12’29.236”, east longitude 122°14’17.646”; north latitude 39°10’09.915”, east longitude 122°14’19.149”; north latitude 39°09’20.971”, east longitude 122°09’40.364”.

Description of Product
The fresh and alive Jinzhou Blood Clams are large, with strong adductor muscles. The outer surface of its feet is bright red, with obvious folds. Its gonad is plump, covering all viscera. It has a refreshing and delicious taste. According to the testing results, Jinzhou Blood Clams contain 16 kinds of amino acids, and are rich in 6 kinds of flavor amino acids, including glutamic acid, aspartic acid, alanine, glycine, serine, and proline. Jinzhou Blood Clams contain protein of 8.5%-16%, fat of 0.5%-1.2%, and iron of 3-7 mg/100g.
Pulandian Octopus

Protection in China
中国保护登记号 AG01075

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
The Pulandian Octopus is mainly distributed in waters along the banks of the Yellow Sea of China under the administration of Pulandian District, Dalian Municipality, Liaoning Province. The geographical coordinates: east longitude 122°15’52.10”-122°33’07.33”, north latitude 39°19’17.88”-39°26’29.05”. Pulandian Octopus is mainly distributed on the sea surface of the 55 km coastal line of the Yellow Sea of China. The wild octopus grows naturally in tidal flats, surrounding areas of outlying islands, and offshore fishing areas, and some octopus grows in offshore tidal flats with artificial aquaculture.

Description of Product
Pulandian Octopus (long leg octopus) is a kind of mollusks, and belongs to the Octopodidae family. Pulandian Octopus is large in size and has thick and delicious flesh. It is rich in nutrients, and the edible part accounts for more than 90% of its whole body. The octopus is rich in essential nutrients for the human body, such as protein, crude fiber, amino acids, various vitamins, and trace elements. It is also rich in cephalotoxin which is used to treat heart diseases. Besides, it also contains astaxanthin (ASTA). Every 100 g of Pulandian Octopus contains protein of 9.5-9.7 g, phosphorus of 110-130 mg, selenium of 9.4-9.6 mg, and total amino acids of 5.4%-5.6%.
Lvshun Pear

Protection in China
中国保护登记号 AGI01279

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
The production area of Lvshun Pears is bounded to the east by Huangnichuan Village in Longwangtang Sub-district, to the south by Chenjia Village in Tieshan Sub-district, to the west by Dadianzi Village in Shuangdao wan Sub-district, and to the north by Zhaojia Village in Changcheng Sub-district. The total planting area of Lvshun Pears is more than 533.33 hectares, and the total protection area is more than 800 hectares. The production of pears is 45 tons per hectare, with the total output of 24,000 tons.

Description of Product
Lvshun Pears are gourd-shaped, and has yellow green skin. It has milky white flesh, with small core. After the pears are picked for one week, they will become golden yellow, with high quality. The pears have delicate, soft and juicy flesh, with sour and sweet taste as well strong fragrance. They contain soluble solids of 13%-14%, total acids of 1.6-3.0 g/kg, and vitamin C of 0.5-3 mg/100g. It also contains glycoside, tannic acid, more carbohydrates, various vitamins, and pectin.
Ocean Island Sea Cucumber

Protection in China
中国保护登记号 AGI01382

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Ocean Island Sea Cucumbers is mainly located in coastal waters within the isobath of 10-40 m in the east, west, south and north of Ocean Island. The geographical coordinates: east longitude 123°6'1"-123°13'39", north latitude 39°0'33"-39°6'41".

Description of Product
Generally, the average length of Ocean Island Sea Cucumber is 20 cm, with the diameter of 4 cm. Ocean Island Sea Cucumbers have a tubular body and a flat abdomen, with sticky and smooth skin as well as elastic and developed muscles. It can extend or curve its body. The dry sea cucumbers are hard and plump, with straight spines and dense meat. It is uniform in appearance and the color is dark brown or dark gray. The shape of it could be maintained after drying. The high-quality Ocean Island Sea Cucumbers are rich in nutrients and high in protein and zinc. The protein content of the salted sea cucumber after drying is 6%-7%.
Pulandian Surf Clam

Protection in China
中国保护登记号 AGI01383

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
Pulandian Surf Clams are mainly distributed in the coastal waters within the isobath of 0-10 m under the administration of Chengzitan Sub-district, Pulandian District, mainly including intertidal zones and subtidal zones. The geographical coordinates of waters: east longitude 122°30’25.98"-122°34’14.64", north latitude 39°24’51.28"-39°27’50.77".

Description of Product
Pulandian Surf Clams have the characteristics of large size, unique shell color and shape and high meat yield. Pulandian Surf Clams are rich in nutrients, with special chemical compositions. The meat of Pulandian Surf Clams is clearer. And the contents of protein, amino acids, and fat of Pulandian Surf Clams are different from those in other clams in different places.
Lvshun Dried Sea Shrimp

Protection in China

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area

Lvshunkou District is located at the southernmost tip of the Liaodong Peninsula, spanning the Yellow Sea and the Bohai Sea. It is surrounded by the sea in the south, west and north. The coastal line is 157 km in length. The geographical coordinates of Lvshunkou District: east longitude 121°16'28.990"-121°20'51.900", north latitude 38°49'28.450"-38°58'11.510". The total area of waters is 2,590 km², which are the major places of production of Lvshun Dried Sea Shrimps.

Description of Product

Lvshun Dried Sea Shrimps are golden yellow, with compact and elastic meat. The dried sea shrimps have a fresh and sweet taste. Lvshun Dried Sea Shrimps contain protein of 50%-60%, fat of 1.9%-2.5%, calcium of 4×103-5×103 mg/kg, zinc of 34-37 mg/kg, selenium of 1.5 mg/kg, and total amino acids of 46%. It is rich in various essential amino acids for the human body. Especially, Lvshun Dried Sea Shrimps contain glutamic acid of 3.62%, glycine of 7.04%, and the aspartic acid of 4.89%. The contents of glutamic acid, glycine and aspartic acid in Lvshun Dried Sea Shrimp are 5%-10% higher than those in different dried sea shrimps from other regions.
Jinzhou Oyster

Protection in China
中国保护登记号 AGI01385

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
Jinzhou Oysters are mainly distributed in waters of Xingshu Sub-district, Dengshahe Sub-district, Dalijia Sub-district and Jinshitan Sub-district under the administration of Jinzhou New Area, Dalian Municipality. The protection area of Jinzhou Oysters is bounded to the north by the estuary of the northern Dasha River in Xingshu Sub-district and to the south by Shuyuzui in Jinshitan Sub-district. The geographical coordinates: east longitude 122°20'40.266"-121°57'47.325", north latitude 39°19'03.070"-38°56'40.434".

Description of Product
Jinzhou Oysters grow very fast. The length of Jinzhou Oysters could reach more than 10.5 cm after a growth cycle of 12-14 months. and the length of the largest individuals will reach 16.5 cm. The most obvious characteristic of Jinzhou Oysters is their thick and large scales on shells. Jinzhou Oysters are rich in nutrients and high in protein, various vitamins, taurine, calcium, phosphorus, iron, and zinc. The Jinzhou Oyster contains protein of 7.30%-7.33% and zinc of 128.8-143.2 mg/kg.
Wafangdian Huangyuanshuai Apple

Protection in China

中国保护登记号 AGI01510

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area

The protection area of Wafangdian Huangyuanshuai Apples is bounded to the east by Mutun in Wanjialing Town, to the west by Jingkou Village in Xietun Town, to the south by Shanqiantun in Xietun Town, and to the north by Kuangdongshan Village in Liguan Town. The geographical coordinates: east longitude 121°13’-122°16’, north latitude 39°20’-40°07’. The total planting area of Huangyuanshuai Apple trees in Wafangdian City is 3,866.66 hectares, with the total output of 110,000 tons.

Description of Product

Wafangdian Huangyuanshuai Apples are large in size, and most of the apples are conical in shape. The average weight of a single apple is 180 g, and the largest apple weighs more than 280 g. The apples have smooth and thin skin, in yellow when they ripen. It has yellow white and crisp flesh, with juicy and delicate texture. Wafangdian Huangyuanshuai Apples have a sour and sweet taste with strong fragrance. They contain soluble solids of 11.9%-13.4%, acid of 4.1-4.5 g/kg, vitamin C of 2.0-2.10 mg/100g, and selenium of 0.00160-0.00165 mg/kg. The hardness of apples is 6.5-7.9×105. The apples are available for storage and transportation. The storage period can last until the next April and May of the following year.
Zhuanghe Rice

Protection in China
中国保护登记号 AGI01511

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Zhuanghe Rice is bounded to the east by Huoshilingtun of Layao Village in Lizifang Town, to the west by Shabaotun of Yongsheng Village in Mingyang Town, to the south by Haiyang Village in Chengguan Sub-district, and to the north by Weizitun of Weizi Village in Taling Town. The geographical coordinates: east longitude 122°29′10″-123°31′24″, north latitude 39°27′52″-40°12′10″. The total production area of Zhuanghe Rice is 13,333.33 hectares, with annual output of 80,000 tons. Zhuanghe Rice are produced in 122 villages of 14 townships and towns in the coastal and central regions.

Description of Product
The grains of Zhuanghe Rice are flat and long, with moderate ratio of length to width. The rice is crystal clear, with uniform size and high head rice rate. The cooked rice is crystal clear and has a soft and delicious taste. Every 100 g of Zhuanghe Rice contains amylose of 17.5-19 g, protein of 6.40-8.1 g, and magnesium of 220-230 mg.
Huping Island Sea Cucumber

Protection in China
中国保护登记号 AGI01601

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
The protection area of the Huping Island Sea Cucumbers is located in waters of Huping Island and Shaobing Island in Lvshunkou District. The geographical coordinates of waters: east longitude 121°5′56.40″-121°6′35.50″, north latitude 39°6′49.41″-39°3′8.26″; east longitude 121°14′54.73″-121°15′14.77″, north latitude 39°7′56.59″-39°3′8.26″. The protection area mainly covers waters within the isobath of 10-40 m in the east, west, south and north of Shaobing Island, Zhudao Island and Huping Island. The total production area is 10,066.66 hectares, with the annual output of 170 tons and output value of 60 million RMB.

Description of Product
Huping Island Sea Cucumber has the characteristics of fat body, thick meat, thick spines, and large suction cups. It has strong elasticity, with compact meat texture and a delicious taste. Huping Island Sea Cucumbers are of high quality and rich in nutrients. It is high in protein and amino acids. The salted sea cucumber after water absorption contains protein of 8%-10%, moisture of 65%-70%, amino acid of 5%-8%, and selenium of 20-30 μg/100g. The instant sea cucumber contains protein of 10%-15%, moisture of 80%-85%, amino acid of 10%-12%, selenium of 20-33 μg/100g.


**Lvshun Sea Tangle**

**Protection in China**

中国保护登记号 AGI02178

**Dalian Municipality, Liaoning Province**

**Concise Definition of the Geographical Area**

Lvshun Sea Tangle is distributed in Lvshunkou District. The protection area is bounded to the east by Guojiagou Village and Baoyudu Village of Dalian High-tech Industrial Zone, and to the west by Xihuzui in Shuangdao Island. The geographical coordinates: east longitude 121°20'48.885"-121°5'16.351", north latitude 38°49'28.753"-38°53'40.889". The total production area of Lvshun Sea Tangle is 2,650 hectares.

**Description of Product**

The leaves of Lvshun Sea Tangle are shaped like belts or ribbons, without branches. The leaves are brown and shiny. The stem is cylindrical and dark brown in the first growth period, and mature stem will become oblate, with the length of 5-6 cm. According to the testing results, Lvshun Sea Tangle contains vitamin B2 of 0.015-0.02 mg/100g, niacin of 0.015-0.02 mg/100g, calcium of 100-124 mg/100g, potassium of 2.10-2.21×10³ mg/100g, magnesium of 73-74.1 mg/100g, zinc of 0.01-0.012 mg/100g, iron of 2.31-2.77 mg/100g, manganese of 0.15-0.19 mg/100g, and total amino acids of 0.80-0.95 mg/100g.
Dalian Big Cherry

Protection in China
中国保护登记号 AGI02266

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
The protection area of Dalian Big Cherries contains 5 pilot areas in 6 counties (county-level cities, districts) under the jurisdiction of Dalian Municipality, including Lvshunkou District, Gajingzi District, High-tech Industrial Zone, Jinpu New Area, Free Trade Zone, Pulandian District, Wafangdian County-level City, Zhuanghe County-level City, Changhai County, Huayuankou Economic Zone, and Changxing Economic Development Zone. The geographical coordinates: east longitude 121°05'-123°31', north latitude 38°45'-40°10'.

Description of Product
Dalian Big Cherries are bright and shiny, with large size. It has a sour and sweet taste, with pure flavor. The cherry flesh is thick and juicy, with high hardness. The hardness of the Dalian Big Cherry is 2.07-3.83 kg/m², and the Dalian Big Cherry contains soluble solids of 17.7%-21.43%, soluble sugar of 10.82%-15.125%, and total acids of 5.33-7.63 g/kg.
Dalian Nectarine

Protection in China
中国保护登记号 AG102531

Dalian Municipality, Liaoning Province

Concise Definition of the Geographical Area
The production area of Dalian Nectarine is bounded to the east by Dashao Village in Lizifang Town, Zhuanghe City, to the west by Dadianzi Village in Shuangdaowan Sub-district, Lvshunkou District, to the south by Zhangjia Village in Tieshan Sub-district, Lvshunkou District, and to the north by Tianmenshan Village in Xianrendong Town, Zhuanghe County-level City. The geographical coordinates: east longitude 121°05′-123°31′, north latitude 38°43′-40°10′. The total protection area of Dalian Nectarines is 35,000 hectares, with the production area of 15,800 hectares.

Description of Product
Dalian Nectarines are flamboyant and round, with shiny surface. The nectarines are large and have delicate flesh. It has a sweet taste, with fragrance and strong flavor. The hardness of Dalian Nectarines is high, and the nectarines sell well. The Dalian Nectarine contains soluble solids of 10.8%-13.5%, reducing sugar content of 8.6%-11.9%, total acids of 3.02-5.64 g/kg, and vitamin C of 5.38-12.04 mg/100g.
Taonan Mung Bean

Protection in China
中国保护登记号 AGI00007

Baicheng City, Jilin Province

Concise Definition of the Geographical Area
Taonan Mung Beans are produced in townships and towns under the administration of Taonan County-level City, Baicheng City, Jilin Province. Taonan County-level City is located in the northwest of Jilin Province, and in the south of Baicheng City. It has an altitude of 250-350 m. The geographical coordinates: east longitude 121°38′-20°123°20′, north latitude 45°20′-46°1′. It is bounded to the east by Da’an County-level City, to the west and northwest by Tuquan County, Horqin Right Wing Front Banner and Ulankhot City in Inner Mongolian Autonomous Region, to the south by Tongyu County, and to the north and northeast by Taobei District and Zhenlai County in Baicheng City. The total production area is 1,000 hectares, with the annual production of 6,000 tons.

Description of Product
Taonan Mung Beans are large, and have full grains. The average 100-grain weight is 6.6-6.8 g. The mung beans are bright green. Taonan Mung Beans are nutritious, and have a high quality. Taonan Mung Beans contain protein of 22%-25%, essential amino acids for the human body of 0.24%-2.0%, carbohydrates of 58%-60%, fat less than 1%, and cellulose of 5%.
Xinkaihe Tribute Rice

Protection in China
中国保护登记号 AGI00008

Tonghua City, Jilin Province

Concise Definition of the Geographical Area
Xinkaihe Tribute Rice is produced in the paddy fields of Caiyuan Town and Huadian Town (in the Xinkai River Basin) under the administration of Ji’an County-level City (in the Changbai Mountains), Tonghua City, Jilin Province. The geographical coordinates: east longitude 125°36’-126°52’, north latitude 41°16’-41°27’. The protection area is bounded to the east by the west slope of Daweitanggou in Xinhe Village, Huadian Town; to the south by Mandonggou in Xinhe Village, Huadian Town; to the west by Henghuannren Reservoir in Bawangchao Village, Caiyuan Town; and to the north by Shanchengzi, Bawangchao Village, Caiyuan Town. The average altitude of the production area is 600 m. The total planting area is 200 hectares, with the annual total production of 2,000 tons.

Description of Product
Xinkaihe Tribute Rice is uniform in size, with bright and shiny appearance. The rice grains are large and snow white. Xinkaihe Tribute Rice is produced with domestic advancing equipments and processing. The processing consists of more than 10 technological procedures. And the processing has maintained most of nutrients in the rice, and avoided the loss of protein, vitamin B1, vitamin B2, vitamin B6, and trace elements (calcium, iron, and selenium, etc.).
Ji’an Biantiao Ginseng

Protection in China

Tonghua City, Jilin Province

Concise Definition of the Geographical Area

Ji’an Biantiao Ginseng is produced in Taishang Town, Huadian Town, Caiyuan Town, Qinghe Town and Toudao Town in the Xinkai River Basin, under the administration of Ji’an County-level City (in the Changbai Mountains), Tonghua City, Jilin Province. The geographical coordinates: east longitude 125°36'-126°09', north latitude 41°07'-41°36'. The production area has an averaged altitude of 400-700 m. The protection area is bounded to the east by Liujiayuan in Qinghe Town, to the west by Jiayi Village in Caiyuan Town, to the south by Sanyanggou in Taishang Town, and to the north by Lizigou Village in Touzhen Town. The total production area is 1,500 hectares, with the annual production of 3,000 tons.

Description of Product

Ji’an Biantiao Ginseng makes a feature of long roots, aged skin, deep wrinkles, beautiful appearance, and large branches, etc.
Ji’an Chinese Magnoliavine Fruit

Protection in China

Tonghua City, Jilin Province

Concise Definition of the Geographical Area

The protection area of Ji’an Chinese Magnoliavine Fruit includes the southern region of the Ridges, and Qingshi Town, Taiwang Town, Maxian Township and Yulin Town (along the Yalu River), Ji’an County-level City, Tonghua City, Jilin Province. The geographical coordinates: east longitude 125°51’-126°33’, north latitude 40°53’-41°32’. The total production area is 1,000 hectares, with the annual production of 3,000 tons.

Description of Product

Ji’an Chinese Magnoliavine Fruit makes features of large grains, thick flesh, oily, and shiny appearance, etc. It is rich in volatile oil, fat, citric acid, ascorbic acid and malic acid. It also contains the components which are beneficial to the human body, including vitamin B1, vitamin B2, vitamin PP, vitamin C, carotene, fructose, protein, 17 kinds of amino acids, and trace elements (such as calcium, phosphorus and iron, etc).
Ji’an Mountain Grape

Protection in China

Ji’an Mountain Grape

Tonghua City, Jilin Province

Concise Definition of the Geographical Area

The protection area of Ji’an Mountain Grape includes the southern region of the Ridges, and Qingshi Town, Taiwang Town, Maxian Township and Yulin Town (along the Yalu River), Ji’an County-level City, Tonghua City, Jilin Province. The geographical coordinates: east longitude 125°51’-126°33’, north latitude 40°53’-41°32’. The total production area is 1,300 hectares, with the annual production of 15,000 tons.

Description of Product

Ji’an Mountain Grapes have uniform and full grains, and no peculiar smell. Ji’an Mountain Grapes are characterized by high yield of juice, high contents of pigments, sugars, dry extracts, acids, and organic components. Ji’an Mountain Grapes contain: total acid ≤0.7%, soluble solids ≥20%, the ratio of total soluble solids to titratable acidity (RTT) ≥28, tannin of 0.68, and total sugar of 18.66.
Wanchang Rice

Protection in China

Jilin City, Jilin Province

Concise Definition of the Geographical Area

The geographical coordinates of Wanchang Rice: east longitude 125°33′-126°12′, north latitude 43°23′-43°52′. The average altitude of the protection area is lower than 200 m. The planting area is 20,000 hectares, and the total production is 180,000 tons.

Description of Product

Wanchang Rice is uniform in size, with bright and shiny appearance. The rice grains are snow white, with high hardness. The cooked rice is snow white, and has a smooth, glutinous and sweet taste, with strong fragrance and delicate texture. For Wanchang Rice, the head rice rate is no less than 68%, gel consistency is no less than ≥79 mm, chalky grain rate is no more than 15%, amylose content is no more than 15%, crude protein is no less than 6.96%, lysine content is no less than 0.28%, and the transparency of Wanchang Rice is 1. Wanchang Rice is rich in vitamin B1, vitamin B2, vitamin B6, calcium, iron, and selenium, etc.
Jingyu Linxia Ginseng

Protection in China

Baishan City, Jilin Province

Concise Definition of the Geographical Area

The protection area of Jingyu Linxia Ginseng includes 8 townships and towns under the administration of Jingyu County-level City, Baishan City, Jilin Province, including Chisong Township, Mengjiang Township, Sandaohu Town, Huayuankou Town, Longquan Town, Naerhong Town, Jingshan Town, and Jingyu Town. The geographical coordinates: east longitude 126°30'-127°16', north latitude 42°06'-42°48'. The protection area is at an average elevation of 775 m. The planting area of Linxia Ginseng is 6,666.66 hectares, with the total production of 3,000 tons (fresh ginseng).

Description of Product

The epidermis of Jingyu Linxia Ginseng varies from brownish yellow to yellowish white, and it has compact skin with obvious rings on the surface. The circular or semicircular dimpled stem scars are placed in order. The roots are straight, with obvious verrucas. The physicochemical indexes of the ginseng are as follows: water content ≤14.5%, total saponins ≥3.0%, and total ash ≤4.0%.
Jingyu Ussuri Fritillary Bulb

Protection in China

Baishan City, Jilin Province

Concise Definition of the Geographical Area
The protection area of Jingyu Ussuri Fritillary Bulb includes 8 townships and towns under the administration of Jingyu County-level City, Baishan City, Jilin Province, including Chisong Township, Mengjiang Township, Sandaohu Town, Huayuankou Town, Longquan Town, Naerhong Town, Jingshan Town, and Jingyu Town. The geographical coordinates: east longitude 126°30'00"-127°16'00", north latitude 42°06'00"-42°48'00". The protection area is at an average elevation of 775 m. The planting area of Jingyu Ussuri Fritillary Bulb is 6,666.66 hectares, with the total production of 10,000 tons (fresh Ussuri Fritillary Bulb).

Description of Product
Jingyu Ussuri Fritillary Bulb has the shape of an oblate spheroid, and a bitter taste. Its surface is milky white or light yellow white. There are 2 pieces of similar scale leaves on the outer layer. The top of Jingyu Ussuri Fritillary Bulb is slightly flat or concave, with hard and crisp scale leaves in the center. Its physicochemical indexes of peiminine content is greater than or equal to 0.018%.
Huangsongdian Lucid Ganoderma

Protection in China

Jilin City, Jilin Province

Concise Definition of the Geographical Area

The protection area of Huangsongdian Lucid Ganoderma includes the administrative areas of Huangsongdian Town, Jiaohe County-level City, Jilin City, Jilin Province. The geographical coordinates: east longitude 127°35'-127°54', north latitude 43°30'-43°53'.

Description of Product

Huangsongdian Lucid Ganoderma makes a feature of round, thick and beautiful tan cap. The cap edge and the center have the same color, and the surface of the cap is attached with spores powder. The underside of the cap is light yellow or milky white, without scratches. The dark brown stem is thick and shiny, and has no sediment, impurities, mildew, scars, scab or moth-eaten damage. The length of the stem is less than or equal to 2 cm. Huangsongdian Lucid Ganoderma contains: adenosine $\geq$7.0 mg/100g, crude polysaccharides (calculated as glucan) $\geq$14.0 mg/g, and triterpenes (calculated as oleanolic acid) $\geq$1.2 g/100g.
Wangqing Black Fungus

Yanbian Korean Autonomous Prefecture, Jilin Province

Concise Definition of the Geographical Area
The protection area of Wangqing Black Fungus includes 9 townships and towns, including Wangqing Town, Daxinggou Town, Tianqiaoling Town, Chunyang Town, Dongguang Town, Fuxing Town, Baicaogou Town, Luozigou Town, and Jiguan Township, governing 150 administrative villages. The geographical coordinates: east longitude 129°05'–130°56', north latitude 43°06'–44°03'. The total protection area is 3,000 hectares. And the production area is 3,000 hectares, with an annual production of 30,000 tons.

Description of Product
Wangqing Black Fungus has thick colloid ears, with a thickness of 1.3 mm. The ears are elastic and translucent, and the back side of the ears is slightly gray black. The ears of Wangqing Black Fungus are large and uniform in size, with high water absorptivity. The ears are spreading and not curled, without rottenness and peculiar smell. Wangqing Black Fungus is rich in nutrients, including protein, fat, carbohydrates, calcium, phosphorus, iron, carotene, and fiber, potassium, magnesium, and sodium. Wangqing Black Fungus contains dietary fiber of 29%-31%, calcium of 110-130 mg/100g, iron of 9-11 mg/100g, magnesium of 140-160 mg/100g, manganese of 2-3 mg/100g, sodium of 3-5 mg/100g, phosphorus of 250-280 mg/100g, potassium of 1×103-3×103 mg/100g, and selenium of 1.5-3 μg/100g.
Jilin Changbai Mountain Black Fungus

Protection in China

Jilin Province

Concise Definition of the Geographical Area

The protection area of Jilin Changbai Mountain Black Fungus includes 97 townships and towns in 25 counties (including county-level cities and districts, which are in the same administration level) under the administration of Baishan City, Tonghua City, Jilin City, Yanbian Korean Autonomous Prefecture and Liaoyuan City, Jilin Province. The geographical coordinates: east longitude 124°50'-131°18', north latitude 40°52'-44°30'. The protection area is bounded to the east by Hunchun County-level City, to the west by Dongfeng County, to the south by Jiam City, and to the north by Shulan County-level City. The total protection area is 15,001 hectares, with a total production of 903,138 tons.

Description of Product

Jilin Changbai Mountain Black Fungus has the characteristics of a black color, thick ears, hard and crisp texture, and high purity. The dry ears of the black fungus are hard and crisp, with dark gray or gray white back. The dry ears will enlarge 8 to 14 times than their original state after swelling in water. The fresh black fungus has dark and shiny colloid ears, with a thickness over 1.2 mm. Jilin Changbai Mountain Black Fungus is rich in nutrients, including protein, sugar, and various trace elements. Jilin Changbai Mountain Black Fungus contains: water content ≤14%, ash ≤6.0%, total sugar ≥22.0%, crude protein ≥7.0%, crude fat ≥0.4%, crude fiber ≥3.0%, calcium ≥290 mg, potassium ≥310 mg, magnesium ≥153 mg, phosphorus ≥224 mg, and iron ≥ 8.8 mg.
Jilin Changbai Mountain Lucid Ganoderma

Protection in China

Jilin Province

Concise Definition of the Geographical Area

The protection area of Jilin Changbai Mountain Lucid Ganoderma is bounded to the east by Hunchun County-level City, to the west by Dongfeng County, to the south by Ji’an County-level City, and to the north by Shulan County-level City. The geographical coordinates: east longitude 125°17’-131°18’, north latitude 41°21’-44°30’. The protection area includes 29 township and towns in 15 counties (including county-level cities and districts, which are in the same administration level) under the administration of Baishan City, Tonghua City, Jilin City, Yanbian Korean Autonomous Prefecture, and Liaoyuan City, Jilin Province. The total protection area is 417 hectares, with a total production of 2,354 tons.

Description of Product

Jilin Changbai Mountain Lucid Ganoderma has unique characteristics, as the contents of Lucid Ganoderma acids (which inhibit tumor), Lucid Ganoderma polysaccharides (which enhance human immune functions), and the adenosine are far more than those in Lucid Ganoderma from other regions. Jilin Changbai Mountain Lucid Ganoderma contains: water content ≤17.0%, crude polysaccharides >0.9%, and triterpenoid >0.5%. In addition, every 100 g of dry Jilin Changbai Mountain Lucid Ganoderma contains: calcium >71 mg, magnesium >79 mg, and iron >13 mg.
Baishan Blueberry

Protection in China
中国保护登记号 AGI02806

Baishan City, Jilin Province

Concise Definition of the Geographical Area
The protection area of Baishan Blueberries includes 59 townships and towns in 6 counties (county-level cities and districts) under the administration of Baishan City, Jilin Province, including Hunjing District, Jiangyuan District, LinJiang County-level City, Fusong County, Jingyu County, and Changbai Korean Autonomous County. The geographical coordinates: east longitude 126°7'-128°18', north latitude 41°21'-42°48'. The total protection area is 3,100 hectares, with an annual production of 35,000 tons.

Description of Product
Baishan Blueberries are blue purple and round, and have moderate hardness. The diameter of the blueberry is 12-18 mm, and the average weight of a single blueberry fruit is 1.5-2.5 g. Baishan Blueberries have delicate and white flesh. The nutritional contents are as following: soluble solid content ≥12%, soluble sugar ≥8.6%, total acid ≤0.5%, vitamin C ≥8.15mg/100g, and anthocyanin ≥230.00 mg/100g.
Huadian Yellow Cattle Beef

Protection in China

Jilin City, Jilin Province

Concise Definition of the Geographical Area
The production area of Huadian Yellow Cattle Beef includes 10 townships and towns (sub-districts) under the administration of Huadian County-level City, Jilin City, Jilin Province, including Hongshilazi Town, Jiapigou Town, Erdaodianzi Town, Badaohezi Town, Jinsha Town, Changshan Town, Hengdiaohezi Township, Gongji Township, Huajiao Township, and Yongji Sub-district. The geographical coordinates: east longitude 126°16'-127°45', north latitude 42°34'-43°29'. The total inventory is 133,900 heads, with an annual beef production of 11,000 tons.

Description of Product
Huadian Yellow Cattle Beef is bright red and shiny, with white or slightly yellow fat. The muscle fibers are clear and elastic. The beef surface is slightly dry or wet, and it’s not sticky. The cross section of the beef is wet, with moderate intermuscular fat and clear lipochondron. The beef has a delicious taste, and pure aroma. Huadian Yellow Cattle Beef contains: protein ≥21.5 g/100g, fat ≤1.5 g/100g, cholesterol ≤100 mg/100g, and total amino acid ≥18 g/100g.
Bayan Soybean

Protection in China
中国保护登记号 AGI00010

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Bayan Soybeans involves 18 villages and towns of Bayan County, Harbin City, Heilongjiang Province, including Bayan Town, Songhsuijiang Township, Fujiang Township, Bayangang Town, Xiji Town, Fengle Township, Xinglong Town, Hongguang Township, Wanfa Town, Dexiang Township, Tianzeng Town, Shanhou Township, Heishan Town, Longquan Town, Huashan Township, Longmiao Town, Waxing Town, and Zhendong Township. The geographical coordinates: east longitude 126°45′33″-127°42′16″, north latitude 45°54′28″-46°40′18″. The plantation area of Bayan Soybeans was 120,000 hectares in 2007, with the total annual output of 250,000 tons.

Description of Product
The diameter of the soybean grains is 4-9 mm. Bayan Soybeans are high in protein and fat. Bayan Soybeans are non-transgenic. The total amino acids containing in the beans are >30%, and the content of glutamic acid is >7%. Bayan Soybeans are also rich in a variety of essential vitamins, soybean functional factors. They are also rich in many trace elements, which are essential for the human body, such as iodine, selenium, iron, calcium, and zinc, etc. The content of selenium is 0.01 mg/kg, and zinc is >25 mg/kg.
Jiayin Black Fungus

Protection in China
中国保护登记号 AGI00011

Yichun City, Heilongjiang Province

Concise Definition of the Geographical Area
Jiayin Black Fungus is produced in 3 towns and 6 townships of Jiayin County, Yichun City, Heilongjiang Province, including Wuyun Town, Chaoyang Town, Wulaga Town, Changsheng Township, Hujia Township, Xiangyang Township, Hongguang Township, Qingshan Township, and Baoxing Township. The geographical coordinates: east longitude 129°09'-130°45', north latitude 49°25'-48°07'. It’s at an altitude about 230 m. The protection area is 150,000 hectares, and the total production is 18 million bags of black fungus, with the weight of 630 tons.

Description of Product
Jiayin Black Fungus has colloid ears, elastic and translucent texture. The back side of the ears is slightly gray black. The ears of Wangqing Black Fungus are moderately large, with high water absorptivity. Jiayin Black Fungus is rich in nutrients, including protein, fat, calcium, carbohydrates, phosphorus, iron, carotene, and vitamins. It’s also rich in fibers, potassium, magnesium, and sodium, etc. The content of vitamin B2 in Jiayin Black Fungus is 4-10 times more than that in ordinary meat, rice, flour, and Chinese cabbage. The content of calcium in Jiayin Black Fungus is 30-70 times more than that in ordinary meat.
Acheng Garlic

Protection in China
中国保护登记号 AGI00041

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Acheng Garlic involves 4 villages in Ashihe Sub-district and Shuangfeng Sub-district of Acheng District, Harbin City, Heilongjiang Province, including Nancheng Village, Baicheng Village, Donghuan Village, and Shuanglan Village. The geographical coordinates: east longitude 126°40'-127°40', north latitude 45°10'-46°. It’s at an altitude of 400 m. The total protection area is 10,607 hectares, with the production area of 1,000 hectares. The total annual output is 7,250 tons.

Description of Product
There are two kinds of Acheng Garlic: purple-skin garlic and white-skin garlic. The purple-skin garlic bulb has large cloves with purple outer skin, and there are a few cloves for each garlic bulb. The purple-skin garlic bulbs typically contain 5 to 7 cloves. The weight of a garlic bulb is about 25 g. The white-skin garlic bulb has small cloves with white outer skin, and there are 2 to 7 groups of cloves for each garlic bulb. The white-skin garlic bulbs typically contain 6 to 22 cloves. Acheng Garlic is rich in proteins, carbohydrates, and high in calories. Acheng Garlic contains ascorbic acid, niacin, thiamine, and many essential minerals for the human body such as sodium, phosphorus, calcium, and iron, etc.
Hulan Chinese Onion

Protection in China
中国保护登记号 AGI00042

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
Hulan District is located in the south of Heilongjiang Province. The protection area of Hulan Chinese Onion involves 7 villages and towns (sub-districts) of Hulan District, Harbin City, Heilongjiang Province, including Shuangjing Town, Menjiang Township, Changling Town, Yaopu Sub-district, Limin Sub-district, Hulan Sub-district, and Lanhe Sub-district, governing tally 48 administrative villages. The geographical coordinates: east longitude 126°11'-127°19', north latitude 45°49'-46°25'.

Description of Product
The plant of Hulan Chinese Onion is typically 1.5 m in height, and the stem is 0.6 m in length, with the diameter of 0.03-0.04 m. The weight of each plant is about 0.5 kg. Hulan Chinese Onion has emerald green and crisp leaves. It has a sweet and juicy taste, without any fibers. With a high quality, Hulan Chinese Onion has the features of tall plants, long stems, crisp texture, and a sweet taste.
Bayan Corn

Protection in China

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area

Bayan Corns are produced in 18 villages and towns of Bayan County, Harbin City, Heilongjiang Province, including Bayan Town, Songhuajiang Township, Fujiang Township, Bayangang Town, Xiji Town, Fengle Township, Xinglong Town, Hongguang Township, Wanfa Town, Dexiang Township, Tianzeng Town, Shanhou Township, Heishan Town, Longquan Town, Huashan Township, Longmiao Town, Waxing Town, and Zhendong Township. The geographical coordinates: east longitude 126°45′53″-127°42′16″, north latitude 45°54′28″-46°40′18″. The production area of Bayan Corns is 226,700 hectares.

Description of Product

Bayan Corn has large and full yellow grains, which are oblate in appearance. The grains have smooth surfaces, with the diameter of 5-12 mm. Bayan Corn contains protein >3.5%, starch >69%, total amino acids >10%, and glutamic acid >2%. Bayan Corn is non-transgenic corn, and rich in a variety of essential vitamins and trace elements for the human body, such as iodine, selenium, iron, calcium, and zinc, etc. Every 100 g of Bayan Corn contains calcium >8 mg, and zinc >1.5 mg.
Keshan Potato

Protection in China
中国保护登记号 AGI00103

Qiqihar City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Keshan Potatoes involves 10 villages and towns of Keshan County, Qiqihar City, Heilongjiang Province, including Gucheng Town, Shuanghe Township, Henan Township, Hebei Township, Xianghua Township, Gubei Township, Beilian Town, Shuguan Township, Beixing Town, and Keshan Town, governing totally 80 administrative villages. The geographical coordinates: east longitude 125°10'57"-126°8'13", north latitude 47°50'51"-48°33'47". It's at an altitude of 198.7-381.7 m. The total protection area is 200,000 hectares, with the production area of Keshan Potatoes of 27,000 hectares. The total output of potatoes is 800,000 tons.

Description of Product
Keshan Potatoes are round or oval, with yellow skin and flesh, or white skin and flesh. The cooked potatoes have a smooth taste, with a strong fragrance and special flavor. Keshan Potatoes are rich in starch, protein, iron, vitamin C, vitamin B1, and vitamin B2. Every 2,500 g of the fresh Keshan Potatoes contains protein of 42 g, fat of 15.5 g, calories of 2,770 cal, crude fiber of 31 g, minerals of 1,586.5 g, and vitamins of 452.05 mg.
Hulan Chinese Leek

Protection in China
中国保护登记号 AGIO0104

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Hulan Chinese Leek involves 9 villages and towns (sub-districts) of Hulan District, Harbin City, Heilongjiang Province, including Kangjin Town, Xubu Township, Menjiang Township, Changliang Town, Shuangjing Town, Yaopu Sub-district, Shenjia Town, Fangtai Town, and Erba Town, governing totally 107 administrative villages. The geographical coordinates: east longitude 126°11'-127°19', north latitude 45°49'-46°25'. The total protection area is 45,460 hectares.

Description of Product
Hulan Chinese Leek is tender, without frost and mechanical damage. It doesn't suffer from damage of pests and diseases, and has no decay or any peculiar smell. Hulan Chinese Leek is rich in nutrients. Every 100 g of the fresh Chinese leek contains carotene of 3.12 mg, vitamin B2 of 0.09 mg, vitamin C of 39 mg, calcium of 84 mg, phosphorus of 43 mg, iron of 8.9 mg, and dietary fiber of 1.2 g.
Yichun Black Fungus

Protection in China
中国保护登记号 AGI00141

Yichun City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Yichun Black Fungus is located in Yichun City, Heilongjiang Province. The geographical coordinates: east longitude 127°42'-130°14', north latitude 46°28'-49°21'. The protection area involves 21 counties (county-level cities), districts and bureaus, including Tieli County-level City, Jiayin County, Yichun District, Youhao District, Shangganling District, Wuying District, Hongxing District, Xingning District, Tangwanghe District, Wuyiling District, Wumahe District, Cuihua District, Dailing District, Nancha District, Meixi District, Xilin District, Jinshtun District, Tieli Bureau, Shuangfeng Bureau, Taoshan Bureau, and Langxiang Bureau.

Description of Product
The appearance of Yichun Black Fungus changes from slightly brown to dark brown. The back side of the ears is slightly gray. The ears are almost uniform in size, with shiny and curled appearance. The dry Yichun Black Fungus has thick flesh, and is nutritious. After absorbing water, the black fungus is elastic and shiny. It has a delicate and delicious taste, with fragrance. The black fungus after absorbing water can be 13 times larger than the dry black fungus. Yichun Black Fungus is rich in nutrients, and contains protein >12%, crude fat >0.1%, crude fiber >5%, calcium >4,800 mg/kg, and iron >60 mg/kg. Besides, Yichun Black Fungus also contains carbohydrates, phosphorus, carotene, vitamin B1, potassium, magnesium, and sodium.
Zhaoyuan Rice

Protection in China
中国保护登记号 AGI00143

Daqing City, Heilongjiang Province

Concise Definition of the Geographical Area
Zhaoyuan Rice is produced in 11 villages and towns of Zhaoyuan County, Daqing City, Heilongjiang Province, including Gulong Town, Xinzhan Town, Minyi Township, Maoxing Town, Guqia Township, Zhaoyuan Town, Erzhan Town, Sanzhan Town, Heping Township, Chaodeng Township, and Bohetai Township. The geographical coordinates: east longitude 123°57'-125°45', north latitude 45°23'-45°59'.

Description of Product
Zhaoyuan Rice grains are uniform in size. There is no impurities in the rice grains. The cooked rice is snow white and shiny, with glittering and translucent appearance. Zhaoyuan Rice is rich in nutrients, including protein, sugar, calcium, phosphorus, iron, glucose, fructose, maltose, trace elements, and vitamins, etc. According to the testing results, Zhaoyuan Rice contains crude protein >5%, amylose >17%, and its gel consistency is >80 mm.
Lanxi Melon

Protection in China
中国保护登记号 AGI00183

Suihua City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Lanxi Melons is located in the northwest of Harbin City, Heilongjiang Province. It involves 5 villages and towns of Lanxi County, Suihua City, Heilongjiang Province, including Yulin Town, Hongguang Township, Lanxi Town, and Fendou Township, etc. The protection area is bounded to the east by Lanhe Township, Changgang Township and Linjiang Town, to the west by Zhaodong City, Hongxing Township and Pingshan Town in Lanxi County, to the south by Hulan, and to the north by Bei’an Township. The geographical coordinates: east longitude 126°41'10"-126°39'20", north latitude 46°02'08"-46°20'20".

Description of Product
Lanxi Melons are oval, with smooth surfaces. The thickness of the flesh is about 2 cm. Lanxi Melons are rich in proteins, fats, carbohydrates, calcium, phosphorus, carotene, thiamine, riboflavin, niacin, ascorbic acid, and other nutrients. According to the testing results, every 100 g of Lanxi Melon flesh contains 7.46 g of sugar (calculated by reducing sugar), which is higher than other ordinary melons.
Fangzheng Silver Prussian Carp

Protection in China
中国保护登记号 AGI00184

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
Fangzheng County is located in the south of Heilongjiang Province. The protection area of Fangzheng Silver Prussian Carp is located in Fangzheng County, Harbin City, Heilongjiang Province, including Fangzheng Silver Prussian Carp Breeding Farm, Shuangfeng Reservoir, and Shuanglong Reservoir in Fangzheng County. The geographical coordinates: east longitude 128°13’37”-129°33’24”, north latitude 45°32’47”-46°08’53”. Shuangfeng Reservoir is a hilly reservoir, with the average isobath of 3 m. The total protection area is 1,446.7 hectares, with the annual output of 325 tons.

Description of Product
Fangzheng Silver Prussian Carp has a short body, small head, and blunt mouth. It’s dark silvery white on the two sides, and the edge of its scales is slightly darker than the two sides. Fangzheng Silver Prussian Carp is rich in protein and 10 kinds of essential amino acids. The fish contains crude protein >17%, unsaturated fatty acid >45%, and calcium >3,500 mg/kg.
Meilisi Snap Bean

Protection in China

Qiqihar City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Meilisi Snap Beans involves Dahudian Town and Gonghe Town of Meilisi Daur District, Qiqihar City, Heilongjiang Province. The geographical coordinates: east longitude 123°31'-124°19', north latitude 47°13'-47°53'. The total protection area is 4,000 hectares.

Description of Product
Meilisi Snap Beans have large and dark green leaves, and the vines are 2.0-2.5 m in length. The tender bean pods are 15-18 cm in length, with the width of 2.8-3.2 cm. Meilisi Snap Beans have a good taste, and high quality. The beans are suitable for storage and transportation. Meilisi Snap Beans are rich in vitamins and minerals. Every 100 g of Meilisi Snap Beans contain vitamin A of 27 mg, vitamin C of 11mg, protein of 2.4 g, fat of 0.3 g, carbohydrates of 3.9 g, carotene of 160 mg, riboflavin of 0.08 mg, calcium of 69 mg, phosphorus of 56 mg, iron of 1.9 mg, and lysine of 169 mg.
Longjiang Millet

Protection in China
中国保护登记号 AGI00376

Qiqihar City, Heilongjiang Province

Concise Definition of the Geographical Area
Longjiang County is located in the west of Heilongjiang Province. The geographical coordinates: east longitude 122°24'28"-123°37'19", north latitude 46°23'21"-47°40'27". The protection area of Longjiang Millet is under the administration of Longjiang County, Qiqihar City, Heilongjiang Province, including Halahai Township, Qikeshu Town, Luhe Township, Longxing Town, Jiqinhe Township, Shanquan Town, Longjiang Town, Xingshan Township, and Jingxing Town. The actual production area of Longjiang Millet is 20,000 hectares, with the total annual output of 45,000 tons.

Description of Product
Longjiang Millet has full and large round grains, which are bright canary-yellow. The average diameter of the millet grains is 8 μm. Longjiang Millet is rich in nutrients. It contains crude protein >10%, crude fat >1.8%, amylose >22%, vitamin B1 >0.35 mg/100g, calcium >4 mg/100g, and iron >2 g/100g.
Xinli Carrot

Protection in China
中国保护登记号 AGI00377

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
Xinli Carrots are mainly distributed in 3 villages of Minzhu Township of Daowai District, Harbin City, Heilongjiang Province. Daowai District is located in the east of Harbin City, and on the south bank of Songhua River. The geographical coordinates: east longitude 126°48’50”-126°51’03”, north latitude 45°49’15”-45°50’36”. The annual output of Xinli Carrots is 30,000 tons.

Description of Product
Xinli Carrots are cylindrical in appearance and uniform in size, and have smooth skins. The carrots are about 18 cm in length, with the diameter about 5 cm. Xinli Carrots have crisp flesh, and a specially sweet taste. Xinli Carrots are rich in vitamins and minerals. Every 100 g of the carrots contain beta-carotene >6 mg, vitamin C >140 mg, calcium >34 mg, iron >0.8 mg, crude protein >0.9%, crude fiber >0.8%, water >90%, total sugar >5%, and soluble solids >7%.
Acheng Chinese Cabbage

Protection in China

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Acheng Chinese Cabbage involves 9 villages in Ashihe Sub-district, Shuangfeng Sub-district and Liaodian Township of Acheng District, Harbin City, Heilongjiang Province, including Nancheng Village, Baicheng Village and Donghuan Village of Ashihe Sub-district, Shuanglan Village, Shengxiang Village, Aimin Village and Duanshu Village of Shuangfeng Sub-district, Xinfu Village and Haigou Village of Liaodian Township. The geographical coordinates: east longitude 126°40'-127°40', north latitude 45°10'-46°. The total protection area is 7,295.8 hectares, with the production area of 2,667 hectares. The total annual output of Acheng Chinese Cabbage is 300,000 tons.

Description of Product
Acheng Chinese Cabbage is at medium level of plant height. The leaves are dark green. A single cabbage plant is about 4 kg, and the weight of the inner leaf ball accounts for more than 80%. Acheng Chinese Cabbage has a very high nutritional value. It contains soluble total sugar >3.7%, soluble solids >4.9%, vitamin C >240 mg/kg, crude fiber >0.6%, glutamic acid >0.2%, proline ≥0.09%, and total amino acids (17 kinds of amino acids) >0.8%.
Gannan Sunflower Seed

Protection in China
中国保护登记号 AGI00379

Qiqihar City, Heilongjiang Province

Concise Definition of the Geographical Area
Gannan Sunflower Seeds are mainly distributed in Gannan County, Qiqihar City, Heilongjiang Province, including Gannan Town, Zhongxing Township, Changshan Township, Yinhe Town, Xinglong Township, Baoshan Township, Pingyang Town, Dongyang Town, Jubao Town, and Chahayang Township. The geographical coordinates: east longitude 122°54′6″-124°28′12″, north latitude 47°25′7″-48°32′5″. The total protection area is 35,000 hectares, with the production area of 15,000 hectares. The annual output of Gannan Sunflower Seeds is 120,000 tons.

Description of Product
Gannan Sunflower Seeds are edible seeds, and the hundred-grain weight is more than 130 g. The seed kernel rate is over 53%. The plumpness of sunflower seeds is good. Most seeds have kernels. Gannan Sunflower Seeds are rich in crude fat, crude protein, crude fiber, minerals, and vitamin E. Every 100 kg of sunflower seeds contain crude fat >42%, crude protein >23%, crude fiber >1%, minerals >1% (of which potassium >700 mg/100g, iron >4 mg/100g, and phosphorus >750 mg/100g), amino acid >25% (of which glutamic acid >6%), and vitamin E >5 mg/100g.
Dongning Black Fungus

Protection in China

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area

The protection area of Dongning Black Fungus includes the whole Dongning County, Mudanjiang City, Heilongjiang Province. The geographical coordinates: east longitude 130°19′40″-131°18′6″, north latitude 43°25′24″-44°49′40″. The main production area of Dongning Black Fungus includes Suiyang Town, Daohe Town, Daduchuan Town, Dongning Town, Laoheshan Town, Sanchakou Town, and Suiyang Forestry Bureau. The total protection area is 713,700 hectares. The annual production area of Dongning Black Fungus is 8,000 hectares, with the annual output of 28,000 tons.

Description of Product

Dongning Black Fungus has elastic ears, and no roots. The front side of Dongning Black Fungus ears is dark brown, and the back side of its ears is dark gray. The diameter of dry Dongning Black Fungus is 2-4 cm, with the thickness more than 0.8 mm. Dongning Black Fungus contains crude protein >13%, crude fiber >5%, total sugar >55%, calcium >220 mg/100g, and phosphorus >23 mg/100g.
Hulin Linden Honey

Protection in China
中国保护登记号 AGI00383

Jixi City, Heilongjiang Province

Concise Definition of the Geographical Area
Hulin Linden Honey is produced in 4 villages and towns of Hulin County-level City, Jixi City, Heilongjiang Province, including Dongfanghong Town, Yingchun Town, Zhenbaodao Township, and Abei Township. The geographical coordinates: east longitude 45°23'-46°36', north latitude 132°09'-133°56'. The total protection area is 355,000 hectares, and the output of Hulin Linden Honey is 1,200 tons.

Description of Product
Hulin Linden Honey is amber, and the liquid honey is shiny and translucent, with a strong mint fragrance. The honey has a mellow and sweet taste, with a faint scent. The content of Hulin Linden Honey is rich in glucose and fructose. First grade Hulin Linden Honey contains moisture <20%, fructose and glucose >65%, sucrose <5%, acidity (1mol/L sodium hydroxide)/(mL/kg) <40, hydroxymethylfurfural <40 mg/kg, amylase activity (1% starch solution) >4 mL/(g·h), ash <0.4%, protein >0.2%, and total amino acids (17 kinds) >0.15%.
Wudalianchi Silver Carp

Protection in China
中国保护登记号 AGI00385

Heihe City, Heilongjiang Province

Concise Definition of the Geographical Area
Wudalianchi Silver Carp is produced in Wudalianchi Nature Reserve in Heilongjiang Province. The production area involves eight natural ponds. The geographical coordinates: east longitude 126°00'-126°26', north latitude 48°34'-48°48'. The protection area of Wudalianchi Silver Carp is 2,200 hectares, with the annual output of 300 tons.

Description of Product
Wudalianchi Silver Carp has a flat body, with a extremely large head. The fish is tender and soft, and has a high water content. There are many hard bones in the fish. The abdomen of the silver carp has a rich content of fats, soft and smooth fish. Wudalianchi Silver Carp lives in mineral waters with various trace elements. Each kilogram of Wudalianchi Silver Carp contains calcium >8,000 mg, phosphorus >3,500 mg, magnesium >200 mg, iron >60 mg, zinc >6 mg, crude protein >18%, crude fat <4%, and unsaturated fatty acid >70%.
Lianhuan Lake Bighead Carp

Protection in China

Daqing City, Heilongjiang Province

Concise Definition of the Geographical Area
Lianhuan Lake is located in Duerbode Mongolian Autonomous County, which is under the administration of Daqing City, Heilongjiang Province. It’s bounded to the west by Tailai and to the north by Zhalong National Reserve. Lianhuan Lake is one of the largest inland lakes in Heilongjiang Province, with the total area of 55,608 hectares. The aquaculture area of Lianhu Lake Bighead Carp is 37,333 hectares, with the annual output more than 600 tons.

Description of Product
Lianhuan Lake Bighead Carp has a flat body, and an extremely large head. The fish is tender and snow white, and its smooth and glutinous skin is similar with the skin of sea cucumbers. Lianhuan Lake Bighead Carp contains crude protein >16%, crude fat >5%, unsaturated fatty acid >70%, calcium >30mg/kg, iron >120 mg/kg, phosphorus >1,100 mg/kg, zinc >8 mg/kg, and magnesium >150 mg/kg.
Achong Waxy Corn

Protection in China
中国保护登记号 AGI00604

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
Achong Waxy Corn is produced in 16 villages of 9 townships and towns, which are in the northwest of Achong District, Harbin City, Heilongjiang Province, including Shengxiang Village, Minxing Village and Sanyang Village of Shuangfeng Sub-district, Fanshen Village in Yangshu Township, Xinrong Village and Yanchuan Village of Xinli Sub-district, Xinhe Village and Sheli Village of Sheli Sub-district, Beihong Village of Liaodian Township, Feiketu Village of Feiketu Town, Lingxi Village of Daling Township, Yazhan Village and Jixiang Village of Yagou Town, Shahe Village, Bonian Village and Jiaojie Village of Jiaojie Town. The geographical coordinates: east longitude 126°40'–127°40', north latitude 45°10'–46°. The protection area of Achong Waxy Corn is 48,411 hectares, with the total annual output of 80,000 tons.

Description of Product
Achong Waxy Corn has larger corn cobs. The corn grain plumpness is good. And the grains are glittering and translucent. The waxy corn has a sweet and glutinous taste, with fragrance. The content of amylopectin in Achong Waxy Corn accounts for more than 99% of the content of starch. Achong Waxy Corn has much higher contents of magnesium and calcium than these in ordinary grain and other waxy corn. Every 100 g of Achong Waxy Corn contains calcium >7 mg, magnesium >56 mg. And the total content of 17 kinds of amino acids is more than 9.6%.
Wutonghe Rice

Protection in China
中国保护登记号 AGI00605

Jiamusi City, Heilongjiang Province

Concise Definition of the Geographical Area
Wutonghe Rice is produced in Wutonghe Farm, which is located in the east of Heilongjiang Province. The geographical coordinates: east longitude 130°31'-131°59', north latitude 47°12'-47°20'. The farm is at an altitude range of 70-75 m. The production area of Wutonghe Rice is 10,400 hectares, with the annual output more than 80,000 tons.

Description of Product
Wutonghe Rice has a good grain plumpness. The rice is glittering and translucent. After threshing, the rice is white. And the cooked rice has a soft and delicious taste. Wutonghe Rice contains protein, sugar, calcium, phosphorus, iron, glucose, fructose, maltose, vitamin B1, and vitamin B2, etc.
Shangzhi Red Raspberry

Protection in China
中国保护登记号 AGI00655

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
Shangzhi County-level City is located in the southeast of Heilongjiang Province. The protection area of Shangzhi Red Raspberries mainly involves 17 townships and towns, which are under the administration of Shangzhi County-level City, Harbin City, Heilongjiang Province. The geographical coordinates: east longitude 127°17'-129°12', north latitude 44°29'-45°34'. The total protection area is 891,000 hectares. The planting area of Shangzhi Red Raspberries is 7,500 hectares, with the annual output of 30,000 tons.

Description of Product
Shangzhi Red Raspberries are semi-spherical, and the mature ones are red or dark red. A single raspberry consists of a cluster of 55-80 small drupes. The weight of a single raspberry is 3-5 g, with the transverse diameter of 18-24 mm and longitudinal diameter of 16-22 mm. Shangzhi Red Raspberries contain vitamin C ≥37 mg/100g, soluble solids ≥7 mg/100g, crude fiber ≥3%, titratable acid ≤0.2%, protein ≥1.0%, and fructose ≥0.3%.
Gulong Millet

Protection in China

Daqing City, Heilongjiang Province

Concise Definition of the Geographical Area

The production area of Gulong Millet involves 7 townships and towns of Zhaoyuan County, Daqing City, Heilongjiang Province, including Gulong Town, Xinzhan Town, Minyi Township, Maoxing Township, Yishun Township, Daxing Township, and Toutai Town. The geographical coordinates: east longitude 123°57'-125°45', north latitude 45°23'-45°59'. The total protection area is 20,000 hectares.

Description of Product

Gulong Millet has full and round dark yellow grains, with the diameter about 0.8 mm. Gulong Millet is rich in nutrients. It contains crude protein >10%, crude fat >2%, starch >60%, vitamin B1 >0.35 mg/100g, calcium >7 mg/100g, and iron >3 mg/100g. Its gel consistency is >115 mm, and the alkali spreading value is above grade 2.5. Gulong Millet contains various essential amino acids for the human body.
Fuyuan Kaluga Sturgeon

Protection in China

Jiamusi City, Heilongjiang Province

Concise Definition of the Geographical Area
Fuyuan Kaluga Sturgeon is produced in 4 townships and towns of Fuyuan County, Jiamusi City, Heilongjiang Province, including Haiqing Township, Zhuaji Town, Tongjiang Township, and Fuyuan Town. The geographical coordinates: east longitude 133°40’-135°5’20”, north latitude 47°25’30”-48°27’40”.

Description of Product
Fuyuan Kaluga Sturgeon has a long and sharp mouth, and triangle-shaped head. Its body is smooth and scaleless. The front side of its body is dark cyan, both sides are yellow, and its abdomen is grey-white. Its fish has a fresh and delicious taste, and the roe has a strong aroma. Fuyuan Kaluga Sturgeon is a kind of high-protein and high-fat food. Fuyuan Kaluga Sturgeon contains crude protein ≥15%, crude fat ≥30%, calcium ≥55 mg/kg, zinc ≥2.5 mg/kg, magnesium ≥200 mg/kg, and phosphorus ≥1,500 mg/kg. It contains 8 kinds of essential amino acids for the human body.
Yimianpo Hops

Protection in China

Yimianpo Hops

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area

Shangzhi County-level City is located in the southeast of Heilongjiang Province. The protection area of Yimianpo Hops involves 17 townships and towns of Shangzhi County-level City, Harbin City, Heilongjiang Province, including Yimianpo Town, Laojieji Township, Yabuli Town, Shitouhezi Town, Lianghe Town, Qingyang Town, Maoershan Town, Weihe Town, Changshou Township, Heilonggong Town, Yuanbao Town, Shangzhi Town, Wuji Town, Yuchi Township, Hedong Township, Mayan Township, and Zhenzhushan Township. The geographical coordinates: east longitude 127°17'-129°12', north latitude 44°29'-45°34'. The total protection area is 891,000 hectares. The plantation area of Yimianpo Hops is 2,000 hectares, with the annual output of 5,000 tons.

Description of Product

The plant of Yimianpo Hops is 3-6 m, and the flowers bloom from July to September. Its fruit ears are spherical in appearance, and 3-4 cm in length, with the diameter of 1.5-2.5 cm. Yimianpo Hops contains protein >17%, fat >11 g/100g, and crude fiber >18%.
Yi'an Kidney Bean

Protection in China

Qiqihar City, Heilongjiang Province

Concise Definition of the Geographical Area

Yi'an Town is located in the west of Heilongjiang Province. The protection area of Yi'an Kidney Beans involves 15 townships and towns of Yi'an County-level County, Qiqihar City, Heilongjiang Province, including Yilong Town, Furao Township, Sanxing Town, Zhongxin Town, Xinxing Township, Xinfa Township, Yangchun Township, Jiefang Township, Shuangyang Town, Yi'an Town, Taidong Township, Shangyou Township, Hongxing Township, Xianfeng Township, and Xintun Township. The geographical coordinates: east longitude 124°50'-125°42', north latitude 47°16'-48°02'. The total protection area is 265,600 hectares. The planting area of Yi'an Kidney Beans is 25,000 hectares, with the total output of 60,000 tons.

Description of Product

Yi'an Kidney Beans have full and uniform grains. The hundred-grain weight is 46.6-49.7 g. And every 100 g of the kidney beans has 230-252 grains. The bean grains have yellow bottoms, and purple stripes on surfaces. Yi'an Kidney Beans are rich in nutrients, including protein, fat, carbohydrate, calcium, phosphorus, iron, and fibers, etc. Yi'an Kidney Beans contain protein >20%, crude fiber >4.0 mg/kg, carbohydrate >7 g/100g, calcium >9.20×102 mg/kg, iron >6.9×101 mg/kg, phosphorus >35 mg/100g, and fat <1 g/100g.
Changlin Island
Golden-red Apple

Protection in China
中国保护登记号 AGI00838

Shuangyashan City, Heilongjiang Province

Concise Definition of the Geographical Area
The geographical coordinates of the protection area of Changlin Island Golden-red Apples: east longitude 131°57'-132°45', north latitude 46°23'-47°47'. The total protection area is 6,600 hectares. The production area of Changlin Island Golden-red Apples is 3,300 hectares, with the annual output of 50,000 tons.

Description of Product
Changlin Island Golden-red Apples have smooth skins and beautiful appearances. The average weight of an apple is ≥70 g, and the hardness of peeled apples can reach 8.5 kg/cm². Changlin Island Golden-red Apples contain total acids <0.7%, vitamin C >140 mg/kg, soluble solids >15%, and soluble sugar >13%.
Wudalianchi Grass Carp

Protection in China

Heihe City, Heilongjiang Province

Concise Definition of the Geographical Area

Wudalianchi Grass Carp is produced in Wudalianchi Nature Reserve of Heihe City, Heilongjiang Province, including 8 natural ponds. The geographical coordinates: east longitude 126°00’-126°26’, north latitude 48°34’-48°48’. The protection area of Wudalianchi Grass Carp is 2,200 hectares, with the annual output of 300 tons.

Description of Product

Wudalianchi Grass Carp has a shiny surface, complete scales, and elastic and tough meat. Its fish is tender and lean, and doesn’t taste greasy. Wudalianchi Grass Carp lives in mineral waters, where there are various trace elements. Therefore, it has a rich content of trace elements, especially calcium and phosphorus. Each kilogram of Wudalianchi Grass Carp contains calcium >70 mg, phosphorus >1,300 mg, magnesium >230 mg, crude protein >17%, and crude fat <2%. The unsaturated fatty acid accounts for more than 69% of the total fatty acids in the fish.
Fuyuan Taimen

Protection in China
中国保护登记号 AGI00881

Jiamusi City, Heilongjiang Province

Concise Definition of the Geographical Area
Fuyuan Taimen is produced in 4 townships and towns of Fuyuan County, Jiamusi City, Heilongjiang Province, including Haiqing Township, Zhuaji Town, Tongjiang Township, and Fuyuan Town. The geographical coordinates: east longitude 133°40'-135°5'20", north latitude 47°25'30"-48°27'40".

Description of Product
Fuyuan Taimen grows very fast. The weight of a tail of taimen is about 3 kg, and the largest taimen weighs more than 50 kg (the body length is 40-50 cm). The fish of taimen is fat and tender, with a delicious taste and aroma. Fuyuan Taimen has very high nutritional value, and is rich in protein. Fuyuan Taimen contains crude protein ≥20%, crude fat ≥0.9%, calcium ≥110 mg/kg, zinc ≥4 mg/kg, and magnesium ≥290 mg/kg. The unsaturated fatty acid accounts for at least 80% of the total fatty acids in the fish.
Hailin Black Fungus

Protection in China
中国保护登记号 AGI00882

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Hailin Black Fungus involves 8 towns of Hailin County-level City, Mudanjiang City, Heilongjiang Province, including Hengdao Town, Shanshi Town, Xin’an Town, Changting Town, Hailin Town, Sandao Town, Erdao Town, and Chaihe Town. The geographical coordinates: east longitude 44°02’-45°38’, north latitude 128°03’-129°57’. The total protection area is 871,100 hectares. The production area of Hailin Black Fungus is 4,000 hectares, with the annual output of 25,000 tons.

Description of Product
The dry Hailin Black Fungus is dark, with thick flesh. The front side of Hailin Black Fungus ears is dark brown, with shiny appearance. And the back side of its ears is dark gray. The black fungus after absorbing water is elastic and shiny. It has a delicate and very delicious taste. Hailin Black Fungus is rich in nutrients, including protein, crude fiber, carbohydrates, calcium, phosphorus, and iron, etc. Hailin Black Fungus contains crude protein ≥12%, crude fiber ≥8%, total sugar ≥45%, calcium ≥3,600 mg/100g, and iron ≥2,000 mg/100g.
Muling Soybean

Protection in China
中国保护登记号 AGI00884

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area
Muling County-level City is located in the southeast of Heilongjiang Province. The protection area of Muling Soybeans involves 8 townships and towns of Muling County-level City, Mudanjiang City, Heilongjiang Province, including Bamiantong Town, Hexi Township, Fulu Township, Maqiaohe Town, Xiachengzi Town, Xingyuan Town, Muling Town, and Gonghe Township. The geographical coordinates: east longitude 129°45′19″-130°58′07″, north latitude 43°49′55″-45°07′16″. The total protection area is 618,700 hectares. The production area of Muling Soybeans is 100,000 hectares, with the total annual output of 270,000 tons.

Description of Product
Muling Soybeans have full, golden-yellow and round grains. Muling Soybeans contain protein >37%, crude fibers >12%, vitamin E >1,800 mg/kg, and calcium >1,500 mg/kg.
Yichun Blueberry

Protection in China

Yichun City, Heilongjiang Province

Concise Definition of the Geographical Area

The protection area of Yichun Blueberries involves 21 counties (county-level cities), districts and bureaus, which are under the administration of Yichun City, Heilongjiang Province, including Jiayin County, Wuyiling District, Tangwanghe District, Xinqing District, Hongxing District, Wuying District, Shangganling District, Youhao District, Yichun District, Cailuan District, Wumahe District, Nancha District, Dailing District, Meixi District, Xilin District, Jinshantun District, Tieli County-level City, Tieli Bureau, Shuangfeng Bureau, Taoshan Bureau and Langxiang Bureau. The geographical coordinates: east longitude 127°42’-130°14’, north latitude 46°28’-49°21’. The total protection area is 1 million hectares. The plantation area of Yichun Blueberries is 44,000 hectares, with the annual output of 3,000 tons.

Description of Product

Yichun Blueberries are blue, with clean surfaces. The weight of a grain of blueberry is 0.5-2.5 g. It has delicate flesh and a sweet and sour taste, with a faint scent. The blueberries can be eaten raw or is suitable for food processing. The fresh Yichun Blueberries contain anthocyanin pigment >150 mg/100g, fructose >3%, vitamin C >300 mg/100g, soluble solids >7% and titratable acid <3%.
Gannan Millet

Protection in China
中国保护登记号 AGI00887

Qiqihar City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Gannan Millet includes 10 towns of Gannan County, Qiqihar City, Heilongjiang Province, including Gannan Town, Zhongxing Township, Changshan Township, Xingsisi Town, Xinglong Township, Baoshan Township, Pingyang Town, Dongyang Town, Jubao Town, and Chahayang Township. The total protection area is 35,000 hectares. The production area of Gannan Millet is 3,500 hectares, with the annual output of 13,000 tons.

Description of Product
Gannan Millet has large and full round grains, which are bright yellow. The steamed millet has strong adhesion, and tastes delicious. Gannan Millet is rich in nutrients. It contains crude protein >10%, crude fat >4%, amylose ≤17%, and amylopectin >80%. The gel consistency is ≥115 mm, and the alkali spreading value is >2.5.
Acheng Melon

Protection in China
中国保护登记号 AGI01014

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
Acheng Melons are produced in 3 townships in the northwest of Acheng District, Harbin City, Heilongjiang Province, including Yangshu Township, Liaodian Township, and Hongxing Township, governing 18 administrative villages. The villages are Lanqi Village, Yongkang Village, Gonghe Village, Hongqi Village, Fuqin Village, Xifa Village, Minzhu Village, Linchang Village, Fanshen Village and Xingfu Village of Yangshu Township, Nanloung Village, Xihua Village, Xinfa Village and Wanxian Village of Liaodian Township, Haixing Village, and Zhenxing Village of Hongxing Township. The geographical coordinates: east longitude 126°40'-127°40', north latitude 45°10'-46°. The protection area of Acheng Melons is 4,000 hectares. The production area of Acheng Melons is 1333.3 hectares, with the total annual output of 40,000 tons.

Description of Product
Acheng Melons are long and round in appearance. The weight of a single melon is about 500 g. Mature melons are white and shiny, with orange-yellow and thick flesh. The flesh has a sweet, faint and mushy taste, with a strong fragrance. Acheng Melons are suitable for storage and transportation. Acheng Melons are rich in nutrients, and each kilogram of the melons contains vitamin C >93 mg, soluble solids >10%, and total sugar >8%.
Jingpo Lake Mongolian Redfin

Protection in China

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area
Jingpo Lake Mongolian Redfin is mainly distributed in Jingpo Lake, Mudanjiang City, Heilongjiang Province. The production area of Jingpo Lake Mongolian Redfin is located between Zhangguangcai Mountains and Laoye Mountain. The protection area is 12,720 hectares. The geographical coordinates: east longitude 128°45'-129°3', north latitude 43°45'-44°3'. The annual output of Jingpo Lake Mongolian Redfin is 100 tons.

Description of Product
Jingpo Lake Mongolian Redfin has a flat head and back. Its back is gray brown or gray green, and the two sides of its body is silvery white. Jingpo Lake Mongolian Redfin has tender and snow white fish, with a delicious taste and aroma. Jingpo Lake Mongolian Redfin is rich in nutrients such as protein. Every 100 g of the fish contains protein $\geq 19$ g, calcium $\geq 40$ mg, phosphorus $\geq 500$ mg, iron $\geq 10$ mg, and magnesium $\geq 27$ mg. The unsaturated fatty acid accounts for at least 75% of the total fatty acids in the fish.
Lanxi Corn

Protection in China
中国保护登记号 AGI01078

Suihua City, Heilongjiang Province

Concise Definition of the Geographical Area
The production area of Lanxi Corn is located in the northwest of Harbin City, Heilongjiang Province. Lanxi Corn is produced in 15 townships and towns of Lanxi County, Suihua City, Heilongjiang Province, including Linjiang Town, Beian Township, Lanxi Town, Yulin Town, Kangrong Township, Hongguang Township, Fengdu Township, Yuanda Township, Changgang Township, Lanhe Township, Liaoyuan Township, Hongxing Township, Pingshan Town, Xinghuo Township, and Changjiang Township. The geographical coordinates: east longitude 125°42'10"-126°38'10", north latitude 46°02'05"-46°38'20". The total protection area is 166,600 hectares. The production area of Lanxi Corn is 110,000 hectares, with the total annual output of 750,000 tons.

Description of Product
Lanxi Corn is a kind of late matured corn. It has uniform corn cobs, and no bold top or any mildew. The corn grains are full and yellow. Lanxi Corn contains starch >75%, crude protein >9%, and total amino acids >9.5%.
Boli Honeyberry

Protection in China
中国保护登记号 AGI01080

Qitaihe City, Heilongjiang Province

Concise Definition of the Geographical Area
Boli County is located in the east of Heilongjiang Province. The county is adjacent to Baoqing County, Jidong County, Linkou County, Yilan County, and Huanan County. The protection area of Boli Honeyberries is 5,000 hectares. The protection area involves 11 national forest farms, which are under the administration of Boli County, Qitaihe City, Heilongjiang Province. The geographical coordinates: east longitude 130°06'-131°44', north latitude 45°16'-46°37'.

Description of Product
Boli Honeyberries are oval or long round dark blue berries, with the length of 1-3 cm. The weight of a single honeyberry grain is 0.4-1.5 g. Boli Honeyberries are rich in Vp active substances such as anthocyanin, rutin and catechin. Boli Honeyberries contain vitamin C >65 mg/100g, fructose >1.5%, soluble solids >12%, and titratable acid <1%.
Tailai Mung Bean

Protection in China
中国保护登记号 AGI01081

Qiqihar City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Tailai Mung Beans includes a farm, 10 townships and towns of Tailai County, Qiqihar City, Heilongjiang Province, including Erlongtiao Farm, Keli Town, Pingyang Town, Jiangqiao Town, Daxing Town, Tangchi Town, Heping Town, Tazicheng Town, Ningjiang Township, Shengli Township, and Tailai Town. The geographical coordinates: east longitude 122°59'-124°, north latitude 46°13'-47°10'. The total protection area is 399,600 hectares. The production area of Tailai Mung Beans is 10,000 hectares, with the annual output of 10,500 tons.

Description of Product
Tailai Mung Beans are typically long oval in appearance, with full and bright green grains. The hundred-grain weight is 3.5-5 g. Tailai Mung Beans contain crude protein ≥23 g/100g, crude fat ≤0.8 g/100g, crude fiber ≥3.5%, crude starch ≥40 g/100g, calcium ≥980 mg/kg, and iron ≥60 mg/kg.
Tailai Peanut

Protection in China

Qiqihar City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Tailai Peanuts includes a farm, 10 townships and towns, which are under the administration of Tailai County, Qiqihar City, Heilongjiang Province, including Erlongtao Farm, Keli Town, Pingyang Town, Jiangqiao Town, Daxing Town, Tangchi Town, Heping Town, Tazicheng Town, Ningjiang Township, Shengli Township, and Tailai Town. The geographical coordinates: east longitude 122°59'-124°, north latitude 46°13'-47°10'. The total protection area is 399,600 hectares. The production area of Tailai Peanuts is 23,333 hectares, with the annual output of 61,250 tons.

Description of Product
Tailai Peanuts are typically triangle or cylindrical. The seed coat color varies from red, brown red to dark red. The peanuts are relatively small, with the diameter of 7 mm and height of 12 mm. The hundred-grain weight is 50 g. Tailai Peanuts contain crude protein ≥29 g/100g, crude fat ≥45 g/100g, crude fiber ≥7.5%, and zinc ≥17 mg/kg.
Dongning Rice

Protection in China
中国保护登记号 AGI01198

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area
Dongning County is located in the southeast of Mudanjiang City, Heilongjiang Province. The protection area of Dongning Rice involves 51 administrative villages of 6 towns of Dongning County, Mudanjiang City, Heilongjiang Province, including Dongning Town, Sanchakou Town, Daduchuan Town, Laoheishan Town, Daohe Town, and Suiyang Town. The geographical coordinates: east longitude 130°19′30″-130°18′6″, north latitude 43°25′15″-44°48′24″. The total protection area is 66,673 hectares. The production area of Dongning Rice is 3,640 hectares, with the annual output of 28,000 tons.

Description of Product
Dongning Rice has long and slender grains, which are glittering and translucent. Dongning Rice contains crude protein >7% and amylose >15%. The tasting score of Dongning Rice is above 80.
Ning’an Rainbow Trout

Protection in China

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area
The aquaculture area of Ning’an Rainbow Trout is located between Zhangguangcai Mountains and Laoye Mountain in the southeast of Heilongjiang Province. The protection area of Ning’an Rainbow Trout is 10,468 hectares. It involves Jingpo Lake and Zuanxin Lake. The geographical coordinates: east longitude 128°45’52”-129°5’18”, north latitude 43°45’15”-44°4’23”. At present, Zuanxin Lake is the major living waters for Ning’an Rainbow Trout, and the annual output of rainbow trout is 50 tons.

Description of Product
Ning’an Rainbow Trout has a long spindle shape and round mouth. It’s body is covered with small and round scales. Its back and head are navy blue or dark gray, and its abdomen is silvery white. Ning’an Rainbow Trout lives in high-quality volcanic cold spring water (which is rich in trace elements). Due to a long growth period, Ning’an Rainbow Trout has thick, tough and tender meat. Ning’an Rainbow Trout contains crude protein >20%, crude fat <3%, calcium >550 mg/kg, and phosphorus >1,900 mg/kg. The unsaturated fatty acid accounts for more than 70% of total fatty acids in the fish.
Shuangcheng Watermelon

Protection in China

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area

Shuangcheng Watermelons are produced in 24 townships and towns of Shuangcheng County-level City, Harbin City, Heilongjiang Province, including Shuiquan Township, Gongzheng Township, Nongfeng Town, Xingshan Town, Tongxin Township, Linjiang Township, Wanlong Township, Handian Town, Jincheng Township, Lanling Town, Chaoyang Township, Shancheng Town, Lianxing Township, Qingling Township, Dongguan Town, Zhoujia Town, Xinxiang Township, Wujia Town, Xingfu Township, Shuangcheng Town, Xiqin Township, Tuanjie Township, Yongsheng Township, and Lequn Township. The geographical coordinates: east longitude 125°41’-126°42’, north latitude 45°08’-45°43’. The total protection area is 219,333 hectares. The production area of Shuangcheng Watermelons is 3,300 hectares, with the annual output of 247,500 tons.

Description of Product

Shuangcheng Watermelons have red, crisp and mushy flesh. The thickness of the peel is about 0.3 cm, and the weight of a watermelon is about 15-20 kg. The watermelons have no cracks on surfaces, and are suitable for storage and transportation. Shuangcheng Watermelons are rich in nutrients. Each kilogram of the watermelon flesh contains vitamin C >50 mg, total sugar >7.0%, and soluble solids >8.5%.
Boli Sika Deer

Protection in China

Qitaihe City, Heilongjiang Province

Concise Definition of the Geographical Area

Boli Sika Deer is distributed in 9 deer farms of Boli County, Qitaihe City, Heilongjiang Province, including Jixinghe Deer Farm, Hekou Deer Farm, and Shuntian Deer Farm, etc. The geographical coordinates: east longitude 130°06'-131°44’, north latitude 45°16'-46°37”. The protection area of Boli Sika Deer is 40 hectares. The inventory of Boli Sika Deer is 3,500 heads, with the annual output of 145 tons.

Description of Product

Boli Sika Deer has a medium-sized body. The weights of an buck and doe are 120-150 kg and 70 kg, respectively. The hairy deer-horn has the normal odor. The venison of Boli Sika Deer has rich protein content and poor fat content. The venison contains fat <3%, and protein >21%. The venison pH is between 6 and 7. The hairy deer-horn contains amino acids >50%, protein >25%, and ash <30%.
Boli Grape

Protection in China
中国保护登记号 AGI01386

Qitaihe City, Heilongjiang Province

Concise Definition of the Geographical Area
Boli County is located in the east of Heilongjiang Province. The protection area of Boli Grapes is located in Boli County, Qitaihe City. Heilongjiang Province, includes Yongheng Township, Qingshan Township, Boli Town, Dasizhan Town, Woken Town, Tieshan Township, and Jinhe Development Zone. It has a total area of 2,000 hectares. The geographical coordinates: east longitude 130°06'-131°56', north latitude 45°16'-46°37'. At present, the planting area of Boli Grapes is 1,333 hectares, with the annual output of 40,000 tons.

Description of Product
Boli Grapes have uniform fruit ears, which are cone-shaped in appearance. The largest fruit ear weighs about 1,000 g. The round grape grains are purple dark, and covered with white fruit powder. The grape diameter is 10-15 mm. The flesh is delicate, crisp and seedless, with high sugar content. The grapes are suitable for storage and transportation. Boli Grapes contain sugar >7%, fructose >8%, vitamin C >20 mg/100g, and soluble solids >17%.
Dongning Apple Pear

Protection in China

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area
Dongning County is located in the southeast of Mudanjiang City, Heilongjiang Province. The protection area of Dongning Apple Pears is under the administration of Dongning County, Mudanjiang City, Heilongjiang Province, including Dongning Town, Sanchakou Town, Daduchuan Town, Suiyang Town, Laoheishan Town, and Daohe Town. The geographical coordinates: east longitude 130°19′30″-130°18′6″, north latitude 43°25′15″-44°48′24″. The total protection area is 713,900 hectares. The production area of Dongning Apple Pears is 4,009 hectares, with the annual output of 61,000 tons.

Description of Product
Dongning Apple Pears are medium-sized, oblate and uniform in appearance. The bottom is golden yellow, and the sunshine-exposed side is red. The thick white flesh is delicate, crisp and juicy, without stone cells. The core is small. The flesh has a sour and sweet taste, with a pure flavor and faint scent. Dongning Apple Pears are rich in sugar, and suitable for storage and transportation. Dongning Apple Pears contain water >84%, soluble solids >10%, total acids <0.8%, soluble sugar (calculated by glucose) >8%, and vitamin C >4 mg/100g.
Linkou Pholoita Nameko

Protection in China

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area

Linkou County is located in the southeast of Heilongjiang Province. The protection area of Linkou Pholoita Nameko is located in Linkou County, which is under the administration of Mudanjiang City, Heilongjiang Province. The production area of Linkou Pholoita Nameko includes Kuishan Township, Linkou Town, Lianhua Town, Gucheng Town, Qingshan Town, Sandaotong Town, Diaoleng Town, Jiantang Township, Longzhao Town, Liushu Town, and Zhujia Town. The geographical coordinates: east longitude 129°17'-130°46', north latitude 44°38'-45°58'. The total protection area is 668,800 hectares.

Description of Product

Linkou Pholoita Nameko typically grows in clusters. Its cap is dark brown or pale yellow, and semi-spherical in appearance. The diameter of the cap is 1.5-2.5 cm. The thick and short stem is 4-5 cm in length, with the diameter of 1.2-1.7 cm. Linkou Pholoita Nameko has a smooth and soft taste, with a special fragrance. It contains crude protein >17%, crude fat <3%, crude fiber >6%, total sugar >40%, calcium >70 mg/100g, iron >30 mg/100g, and phosphorus >500 mg/100g.
Yangshu Millet

Protection in China
中囯保护登记号AGI01513

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
Yangshu Millet is produced in 11 villages of Yangshu Town, which is under the administration of Acheng District, Harbin City, Heilongjiang Province. These villages are Lanqi Village, Yongkang Village, Gonghe Village, Hongqi Village, Fuqin Village, Xifa Village, Minzhu Village, Linchong Village, Fanshen Village, Xingfu Village, and Minquan Village. The geographical coordinates: east longitude 126°40'-127°40', north latitude 45°10'-46°. The total protection area is 3,333.3 hectares. The production area of Yangshu Millet is 1,333.3 hectares, with the total annual output of 5,000 tons.

Description of Product
Yangshu Millet has full grains, without any cracks. The surface of millet grains is shiny and smooth. The boiled millet has a sweet and smooth taste. Yangshu Millet is rich in nutrients. According to the testing results, Yangshu Millet contains crude protein >8%, amino acid >8%, fat <3%, and amylase >15% (of which amylopectin >70%). Its gel consistency is >100 mm, and the alkali spreading value is >3.
Muling Black Fungus

Protection in China
中国保护登记号 AGI01515

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area
Muling County-level City is located in the southeast of Heilongjiang Province. The protection area of Muling Black Fungus involves 8 towns, which are under the administration of Muling County-level City, Mudanjiang City, Heilongjiang Province. The geographical coordinates: east longitude 129°45’19”-130°58’07”, north latitude 43°49’55”-45°07’16”. The total protection area is 618,700 hectares. The planting area of Muling Black Fungus is 5,000 hectares, with the annual output of 40,000 tons.

Description of Product
The shape of Muling Black Fungus is similar to a bowl or tea leaves, with beautiful appearance. Its ears are water-resistant. The ears after absorbing water won’t decompose in one week, and have a shiny and original color. Muling Black Fungus has thick ears. It has a delicious taste, with strong fragrance. Muling Black Fungus is rich in nutrients. It contains total amino acids ≥8%, crude protein ≥9%, crude fat <2%, crude fiber ≥4%, total sugar ≥28%, calcium ≥490 mg/100g, and iron ≥13 mg/100g.
Muling Hohenbuehelia Serotina

Protection in China

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area

Muling County-level City is located in the southeast of Heilongjiang Province. The protection area of Muling Hohenbuehelia Serotina involves 8 towns, which are under the administration of Muling County-level City, Mudanjiang City, Heilongjiang Province. These are Gonghe Township, Muling Town, Xingyuan Town, Xiachengzi Town, Maqiaohe Town, Bamiatong Town, Hexi Township and Fulu Township, governing totally 127 administrative villages. The geographical coordinates: east longitude 129°45’19”-130°58’07”, north latitude 43°49’55”-45°07’16”. The planting area of Muling Hohenbuehelia Serotina is 3,000 hectares, with the annual output of 15,000 tons.

Description of Product

Muling Hohenbuehelia Serotina has the shape of a fan. Its diameter is 7-15 cm. It is yellow brown, and has thick white and tender flesh, with a faint scent. Muling Hohenbuehelia Serotina is rich in crude protein and sugar. It is suitable for storage and transportation. Muling Hohenbuehelia Serotina contains crude protein >12%, total sugar >25%, crude fiber ≥6%, crude fat <2%, calcium >290 mg/100g, and iron >22 mg/100g.
Wudalianchi Rice

Protection in China

Heihe City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Wudalianchi Rice is located in the north of Heilongjiang Province, including Long Town, Heping Town, Jianshe Township, Taiping Township, Shuangquan Town, Tuanjie Township, Xinglong Township, Xinfu Town, and Wudalianchi Town (which are all under the administration of Wudalianchi County-level City, Heihe City, Heilongjiang Province). The geographical coordinates: east longitude 127°37'-125°42', north latitude 48°16'-49°12'. The total protection area is 170,667 hectares. The production area of Wudalianchi Rice is 4,667 hectares, with the total output of 70,000 tons.

Description of Product
Wudalianchi Rice is glittering and translucent, and looks like jade in appearance. The cooked rice tastes tough and chewy, with a smooth taste and strong fragrance. Wudalianchi Rice contains many amino acids such as aspartic acid, phenylalanine, and alanine, etc. The total amino acids content in the rice is >8%, of which glutamic acid is >1%. For the rice, the amylose content is >16%, the chalkiness degree is <10%, the zinc content is >10 mg, the gel consistency is >70 mm, and the alkali spreading value is 7. The content of amylopectin in the rice accounts for more than 70% of the content of starch.
Mudanjiang Golden-red Apple

Protection in China

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area

Mudanjiang City is located in the southeast of Heilongjiang Province. The protection area of Mudanjiang Golden-red Apples involves 5 counties and 4 urban districts of Mudanjiang City, Heilongjiang Province, including Ning’an County-level City, Hailin County-level City, Muling County-level City, Dongning County, Linkou County, Aimin District, Xi’an District, Dong’an District, and Yangming District. The geographical coordinates: east longitude 128°02’-131°18’, north latitude 43°24’-45°59’. The total protection area is 665,600 hectares. The production area of Mudanjiang Golden-red Apples is 4,432 hectares, with the total annual output of 43,000 tons.

Description of Product

Mudanjiang Golden-red Apples are oval in appearance, with bright yellow bottom. The average weight of an apple is 75 g, and the largest apple weighs 115 g. The yellow white flesh is crisp and juicy, with a strong fragrance and high quality. Mudanjiang Golden-red Apples have a moderately sour and sweet taste. According to the testing results, Mudanjiang Golden-red Apples contain water >80%, soluble solids >12%, titratable acid <7 g/kg, soluble sugar >10%, and vitamin C >45 mg/kg.
Wudalianchi Flour

Protection in China
中国保护登记号 AGI01603

Heihe City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Wudalianchi Flour is located in the south of Heihe City, Heilongjiang Province, including Long Town, Heping Town, Jianshe Township, Taiping Township, Shuangquan Town, Tuanjie Township, Chaoyang Township, Xing’an Township, Lianhuashan Township, Xinglong Township, Xinfu Town, and Wudalianchi Town (which are all under the administration of Wudalianchi County-level City). The geographical coordinates: east longitude 127°37'–125°42', north latitude 48°16'–49°12'. The total protection area is 618,700 hectares. The production area of Wudalianchi Flour is 33,333 hectares, with the total output of 90,000 tons.

Description of Product
Wudalianchi Wheat belongs to the hard and strong gluten spring wheat variety. The full seeds are bright red and uniform in size. Wudalianchi Flour is white and has a strong fragrance. For Wudalianchi Flour, the protein content is >10%, wet gluten content is >25%, sedimentation value is >25 ml, water absorbing capacity is >56%, the maximum tensile resistance is <200, the dough stabilization time is <3 minutes, and the zinc content is >7 mg.
Jiamusi Rice

Protection in China

Jiamusi City, Heilongjiang Province

Concise Definition of the Geographical Area

The protection area involves 7 county-level cities, counties and districts under the administration of Jiamusi City, Heilongjiang Province, including the suburbs of Jiamusi City, Huanan County, Huachuan County, Tangyuan County, Tongjiang County-level City, Fujin County-level City and Dongfeng District. The geographical coordinates: east longitude 129°29'-135°5', north latitude 45°56'-48°28'. The total protection area is 1,120,000 hectares. The planting area of Jiamusi Rice is 460,000 hectares, and the annual output of high quality rice is 3,500,000 tons.

Description of Product

Jiamusi Rice has uniform grains, which are glittering and translucent, with oily and clear appearance. The braised rice with enlarged grains has a smooth and soft taste, with a strong fragrance. The rice porridge looks like milk, with a faint fragrance and a pure flavor. Jiamusi Rice contains crude protein >6%, total amino acids >6%, amylose >16%, zinc >15 mg/kg and selenium >0.01 mg/kg. The gel consistency is >70 mm. The content of amylpectin in the rice accounts for more than 70% of the content of starch. The alkali spreading value is 7.0.
Luobei Rice

Protection in China

Hegang City, Heilongjiang Province

Concise Definition of the Geographical Area

The protection area of Luobei Rice involves 5 townships and towns under the administration of Luobei County, Hegang City, Heilongjiang Province, including Tuanjie Town, Mingshan Town, Zhaoxing Town, Fengxiang Town and Dongming Township. The geographical coordinates: east longitude 130°01’-131°34’, north latitude 47°12’-48°21’. The total protection area is 56,770 hectares. The planting area of Luobei Rice is 36,334 hectares, with the annual output of 316,000 tons.

Description of Product

Luobei Rice has short and full grains, which are uniform in size. The grains are white and transparent in appearance. The cooked rice has a soft and glutinous taste. According to the testing results, Luobei Rice contains crude protein >5%, amylose >17%, and zinc >12 mg/kg, with gel consistency >75 mm. The alkali spreading value is 7.0.
Yanshou Waxy Corn

Protection in China
中国保护登记号 AGI01673

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Yanshou Waxy Corn is located in the southeast of Heilongjiang Province. The protection area involves 9 townships and towns under the administration of Yanshou County, Harbin City, Heilongjiang Province, including Yanshou Town, Liutuan Town, Zhonghe Town, Jiaxin Town, Anshan Township, Shoushan Township, Yuhe Township, Yanhe Town and Qingchuan Township. The geographical coordinates: east longitude 127°54'20"-129°04'30", north latitude 45°10'10"-45°45'25". The total protection area is 314,955 hectares. The production area of Yanshou Waxy Corn is 6,667 hectares, with the total annual output of 100,000 tons.

Description of Product
Yanshou Waxy Corn has large corn cobs, with full and uniform grains, which are glutinous and thick. It has a glutinous and sweet taste. The number of damaged grains of a corn cob is ≤5. Yanshou Waxy Corn doesn’t suffer from damages from pests and mildew. Yanshou Waxy Corn contains crude protein>10%, crude fat <6%, vitamin B2 >0.05 mg/100g, calcium >12 mg/100g, and magnesium >70 mg/100g. The content of amylopectin of Yanshou Waxy Corn accounts for more than 90% of the content of starch.
Wudalianchi Duck Egg

Protection in China

Heihe City, Heilongjiang Province

Concise Definition of the Geographical Area

The protection area of Wudalianchi Duck Eggs is located in the south of Heihe City, including Long Town, Heping Town, Jianshe Township, Taiping Township, Shuangquan Town, Tuanjie Town, Chaoyang Township, Xing’an Township, Lianhuashan Township, Xinglong Township, and Xinfa Town (which are all under the administration of Wudalianchi County-level City, Heihe City, Heilongjiang Province). The geographical coordinates: east longitude 127°37’-125°42’, north latitude 48°16’-49°12’. The total protection area is 193,333 hectares. The breeding inventory of Wudalianchi Ducks is 150,000 heads, and the total output of Wudalianchi Duck Eggs is 1,500 tons.

Description of Product

Wudalianchi Duck Eggs are round and uniform in appearance, with smooth surfaces. The duck eggs have large egg yolk and dense egg white. Wudalianchi Duck Eggs contain crude fat <14%, crude protein >12%, ash <1%, calcium >120 mg/kg, zinc >10 mg/kg, phosphorus >280 mg/kg, and selenium >0.02 mg/kg.
Shuangcheng Hairy Ground-cherry

Protection in China
中国保护登记号 AGI01744

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Shuangcheng Hairy Ground-cherries involves 24 townships and towns under the administration of Shuangcheng County-level City, Harbin City, Heilongjiang Province, including Shuiquan Township, Gongzheng Township, Nongfeng Town, Xingshan Town, Tongxin Township, Linjiang Township, Wanlong Township, Handian Town, Jincheng Township, Lanling Town, Chaoyang Township, Shancheng Town, Lianxing Township, Qingling Township, Dongguan Town, Zhoujia Town, Xinving Township, Wujia Town, Xingfu Township, Shuangcheng Town, Xiqin Township, Tuanjie Township, Yongsheng Township, and Lequin Township. The geographical coordinates: east longitude 125°41’-126°42’, north latitude 45°08’-45°43’. The total protection area is 224,996.4 hectares. The production area of Shuangcheng Hairy Ground-cherries is 1,000 hectares, with the annual output of 15,000 tons.

Description of Product
Shuangcheng Hairy Ground-cherries are oval in appearance. The averaged single fruit weight is about 6 g. The round golden yellow hairy ground-cherries are juicy and rich in sugar, without cracks on the surfaces. Shuangcheng Hairy Ground-cherries contain protein >0.5%, titratable acid <1%, soluble sugar (calculated by glucose) >9%, soluble solids >10%, vitamin C >500 mg/kg, vitamin E >10 mg/kg, and zinc >3 mg/kg.
Xiangmoshan Silver Carp

Protection in China
中国保护登记号 AGI01747

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
Xiangmoshan Silver Carp is produced in Xiangmoshan Reservoir under the administration of Dongxing Town, Mulan County, Harbin City, Heilongjiang Province. The geographical coordinates: east longitude 127°56′36″-127°59′16″, north latitude 46°22′17″-46°24′37″. The total area of the reservoir is 97,000,000 m². The aquaculture area of Xiangmoshan Silver Carp is 1,026 hectares, with the annual output of 300 tons.

Description of Product
Xiangmoshan Silver Carp has a plump and well-proportioned body, with a large head. Its head accounts for about 1/4 of its whole body length. The weight of a tail of silver carp is about 2-3 kg. Xiangmoshan Silver Carp has high nutritional values, and is rich in protein and various trace elements. Every 100 g of the fish contains protein >15 g, crude fat <5%, calcium>180 mg, phosphorus >200 mg, iron >9 mg, magnesium >100 mg and zinc >6 mg. The unsaturated fatty acid accounts for at least 70% of the total fatty acids in the fish.
Huanan Beefsteak Plant

Protection in China

Jiamusi City, Heilongjiang Province

Concise Definition of the Geographical Area

The protection area of Huanan Beefsteak Plant includes Huanan Town, Tulongshan Town, Mengjiagang Town, Shitouhezi Town, Yanjia Town, Tuoyaozi Town, Lishu Township, Dabalang Township, Jinsha Township and Mingyi Township, Huanan County, Jiamusi City, Heilongjiang Province. The geographical coordinates: east longitude 129°55′-131°16′, north latitude 45°51′-46°31′. The total protection area is 13,333 hectares. The planting area of Huanan Beefsteak Plant is 8,000 hectares.

Description of Product

Huanan Beefsteak Plant has fragrant green or purple leaves, which are oval in appearance. The seeds of Huanan Beefsteak Plant are oval or spherical in appearance, with thin and crisp shells. The leaves of Huanan Beefsteak Plant have low sugar contents, but high contents in fibers, unsaturated fatty acids and trace elements. Every 100 g of the leaves contains potassium >260 mg, calcium >650 mg, magnesium >280 mg, iron >5 mg, zinc >0.8 mg, reducing sugar >0.3%, crude protein >3%, crude fiber >2%, and crude fat <2%. In the seeds of Huanan Beefsteak Plant, there are 17 kinds of amino acids, and the content of total amino acids is >18%, glutamic acid is >3%, arginine is >2%, lysine is >1%, crude protein is >20%, crude fat is >40%, and crude fiber is >10%. Every 100 g of the seeds contains vitamin E >2 mg and vitamin B2 >0.2 mg. Linoleic acid, linolenic acid, oleic acid, stearic acid and palmitic acid account for more than 17%, 55%, 13%, 2%, and 7% of the total fatty acids in the seeds, respectively.
Zhaozhou Sunflower Seed

Protection in China  
中国保护登记号 AGI01905

Daqing City, Heilongjiang Province

Concise Definition of the Geographical Area
Zhaozhou County is located in the southwest of Heilongjiang Province. The protection area of Zhaozhou Sunflower Seeds involves 15 townships and towns under the administration of Zhaozhou County, Daqing City, Heilongjiang Province, including Zhaozhou Town, Xingcheng Town, Fengle Town, Yongle Town, Erjingzi Town, Chaoyanggou Town, Yushu Township, Xinfu Township, Yongsheng Township, Shuangfa Township, Tuogu Township, and Chaoyang Township. The geographical coordinates: east longitude 124°48’12”-125°48’03”, north latitude 45°35’02”-46°16’08”. The total protection area is 2,220,000 hectares. The planting area of Zhaozhou Sunflower Seeds is 2,107 hectares, with the annual output of 6,500 tons.

Description of Product
Zhaozhou Sunflower Seeds are large and full, with thin shells. The cooked seeds have crisp shells and fragrant kernels, with a very delicious taste. Zhaozhou Sunflower Seeds contain protein >23%, crude fat>45%, total amino acids >25%, linolenic acid >0.2%, oleic acid >20%, and crude fiber content >3%. The linoleic acid accounts for more than 70% of fatty acids in the seeds. Every 100 g of Zhaozhou Sunflower Seeds contains vitamin E >8%, potassium >850 mg, phosphorus >800 mg, and iron >7 mg.
Zhaozhou Waxy Corn

Protection in China

Daqing City, Heilongjiang Province

Concise Definition of the Geographical Area
Zhaozhou County is located in the southwest of Heilongjiang Province. The protection area of Zhaozhou Waxy Corn involves 15 townships and towns under the administration of Zhaozhou County, Daqing City, Heilongjiang Province, including Zhaozhou Town, Xingcheng Town, Fengle Town, Yongle Town, Erjingzi Town, Chaoyanggou Town, Yushu Township, Xinfu Township, Yongsheng Township, Shuangfa Township, Tugu Township, and Chaoyang Township. The geographical coordinates: east longitude 124°48'12"-125°48'03", north latitude 45°35'02"-46°16'08". The total protection area is 2,220,000 hectares. The planting area of Zhaozhou Waxy Corn is 3,507 hectares, with the annual output of 92,500 tons.

Description of Product
Zhaozhou Waxy Corns have large corn cobs, with full and uniform grains. The cooked corns are glittering and translucent, and have a glutinous, faint and sweet taste. The fresh Zhaozhou Waxy Corns contain crude protein >4%, crude fat <3%, amylopectin >90%, vitamin B2 >0.1 mg/100g, calcium >2 mg/100g, and magnesium >50 mg/100g.
Raohe Rice

Protection in China
中国保护登记号 AGI01907

Shuangyashan City, Heilongjiang Province

Concise Definition of the Geographical Area
Raohe County is located in the northeast of Heilongjiang Province. The protection area of Raohe Rice involves 9 townships and towns under the administration of Raohe County, Shuangyashan City, Heilongjiang Province, including Raohe Town, Xilinzi Township, Sipai Township, Xiaojiahe Town, Dajiahe Township, Shanli Township, Xifeng Town, Datonghe Township, and Walindong Town. The geographical coordinates: east longitude 133°07′26″-134°20′16″, north latitude 46°30′44″-47°34′26″. The planting area of Raohe Rice is 33,333 hectares, with the annual output of 250,000 tons.

Description of Product
Raohe Rice has uniform and oval grains, which are glittering and translucent in appearance. The cooked rice has an oily, tough and chewy taste, with a strong fragrance. Raohe Rice contains crude protein ≥5.5% and amylose of 15%-19%, with the gel consistency ≥70 mm. The alkali spreading value is 7.0.
Shuangcheng Millet

Protection in China
中国保护登记号 AGI01908

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Shuangcheng Millet involves 24 townships and towns under the administration of Shuangcheng County-level City, Harbin City, Heilongjiang Province, including Shuisuan Township, Gongzheng Township, Nongfeng Town, Xingshan Town, Tongxin Township, Linjiang Township, Wanlong Township, Handian Town, Jincheng Township, Lanling Town, Chaoyang Township, Shancheng Town, Lianxing Township, Qingling Township, Dongguan Town, Zhoujia Town, Xinxing Township, Wujia Town, Xingfu Township, Shuangcheng Town, Xiqin Township, Tuanjie Township, Yongsheng Township, and Lequn Township. The geographical coordinates: east longitude 125°41'~126°42', north latitude 45°08'~45°43'. The total protection area is 224,996.4 hectares. The production area of Shuangcheng Millet is 10,000 hectares, with the annual output of 37,500 tons.

Description of Product
Shuangcheng Millet has full and round bright yellow grains, with uniform size. The diameter of the millet grains is about 0.8 mm. The steamed millet has a soft taste and special flavor, with a strong fragrance and strong adhesion. The boiled millet has very high viscosity. Shuangcheng Millet is rich in nutrients. According to the testing results, Shuangcheng Millet contains crude protein >10%, fat >4%, crude fiber >1%, and amylose >16%.
Jiamusi Soybean

Protection in China
中国保护登记号 AGI02076

Jiamusi City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Jiamusi Soybeans involves 5 counties and 4 districts under the administration of Jiamusi City, Heilongjiang Province, including Huannan County, Huachuan County, Tangyuan County, Tongjiang County, Fujin County, Suburbs, Dongfeng District, Xiangyang District, and Qianjin District. The geographical coordinates: east longitude 129°29'-135°5’, north latitude 45°56'-48°28’. The total protection area is 1,120,000 hectares. The planting area of Jiamusi Soybeans is 133,000 hectares, and the annual output is 340,000 tons.

Description of Product
Jiamusi Soybeans are non-transgenic. The soybean milk that is made from Jiamusi Soybeans is pure white, and has a mellow and tender taste. Jiamusi Soybeans contain protein >40%, total contents of protein and fat >60%, iron >8 mg/100g, and zinc >30 mg/kg.
Jiusan Soybean

Protection in China
中国保护登记号 AGI02077

Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Jiusan Soybeans involves 10 farms under the administration of Heilongjiang Province, including Qixingpao Farm, Jianshan Farm, Hongwuyue Farm, Rongjiun Farm, Daxijiang Farm, Heshan Farm, Nenjiang Farm, Nenbei Farm, Shanhe Farm, and Jianbian Farm. The geographical coordinates: east longitude 124°25'-126°23', north latitude 48°37'-50°04'. The total protection area is 268,000 hectares. The planting area of Jiusan Soybeans is 160,000 hectares, with the annual output of 456,000 tons.

Description of Product
Jiusan Soybeans are round or oval in appearance. The bright yellow soybeans are large and full, with thin skin and pale yellow white hilum. Jiusan Soybeans contain protein >40%, iron >7 mg/100g, zinc >28 mg/kg, and vitamin E >2 mg/100g. And the total contents of protein and fat are more than 60%.
Qitaihe Rice

Protection in China
中国保护登记号 AGI02079

Qitaihe City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Qitaihe Rice includes the whole Qitaihe City of Heilongjiang Province. The protection area is bounded to the east by Baoqing County and Mishan County-level City, to the west by Yilan County, to the south by Jidong County and Linkou County, and to the north by Huanan County. The geographical coordinates: east longitude 130°25′14″-131°44′04″, north latitude 45°44′42″-46°37′15″. The total protection area is 180,648 hectares. The planting area of Qitaihe Rice is 20,000 hectares, with the annual output of 150,000 tons.

Description of Product
Qitaihe Rice has uniformly oval and white grains, which are glittering and translucent in appearance. The cooked rice is white, with an oily gleam. It has a smooth, glutinous and soft taste, with a strong fragrance and a mellow flavor. Qitaihe Rice contains crude protein ≥5.5%. And the chalkiness degree is ≤3.0%, the chalky rice rate is ≤10%, the amylose content is 15%-19%, and the gel consistency is ≥70 mm.
Hulan Potato

Protection in China

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area

The protection area of Hulan Potatoes involves 3 townships, 6 towns and 9 sub-districts under the administration of Hulan District, Harbin City, Heilongjiang Province, including Yaobao Sub-district, Hulan Sub-district, Lanhe Sub-district, Jiansheliu Sub-district, Gongyuanlu Sub-district, Shanjia Sub-district, Kangji Sub-district, Changling Sub-district, Shuangjiang Sub-district, Baikui Town, Shiren Town, Fangtai Town, Erba Town, Dayong Town, Lianhua Town, Yanglin Township, Xubao Township, and Mengjia Township, governing totally 169 administrative villages. The geographical coordinates: east longitude 126°25'-127°19', north latitude 45°49'-46°25'. The total protection area is 126,000 hectares. The production area of Hulan Potatoes is 7,909 hectares, with the annual output of 42,000 tons.

Description of Product

Hulan Potatoes are round or oval, with smooth and yellow skin. It has yellow flesh. Hulan Potatoes are ideal raw materials for processed food. According to the testing results, Hulan Potatoes contain starch of 13%-15%, dry matter >16%, protein >2%, potassium >400 mg/100g, calcium >10 mg/100g, and magnesium >20 mg/100g.
Wanbao Town Rice

Protection in China
中国保护登记号 AGI02392

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Wanbao Town Rice includes the whole Songbei District under the administration of Harbin City, Heilongjiang Province, including Wanbao Town, Duiqingshan Town, Songbei Town, Leye Town and Songpu Town, governing totally 46 administrative villages. The geographical coordinates: east longitude 125°42’-130°40’, north latitude 44°04’-46°40’. The total protection area of Wanbao Town Rice is 30,000 hectares. The production area of Wanbao Town Rice is 1,239.8 hectares, with the annual output of 10,228 tons.

Description of Product
Wanbao Town Rice has uniform and full grains, which are glittering and translucent in appearance. The cooked rice has a glutinous, elastic, faint and sweet taste, with an oily gleam. According to the testing results, Wanbao Town Rice contains crude protein >5%, amylose >16%, and zinc >11 mg/kg, with the gel consistency >75 mm. The alkali spreading value is 7.0.
Yanwodao Pork

Protection in China
中国保护登记号 AGI02393

Shuangyashan City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Yanwodao Pork is Bawusan Farm, which is under the administration of Shuangyashan City, Heilongjiang Province. The geographical coordinates: east longitude 132°38'-133°14', north latitude 46°21'-46°49'. The total protection area of Yanwodao Pork is 1,000 hectares. The inventory of Yanwodao black pigs is 50,000 heads, and the total output of Yanwodao Pork is 5,000 tons.

Description of Product
Yanwodao Black Pigs have black or variegated coat colors, and strong physique. The black pigs have thick and strong limbs, and plump hindquarters. They are more suitable for extensive husbandry, and have strong disease and cold resistance. The pork is bright red, and has a delicate taste with aroma. Yanwodao Pork contains protein >17%, crude fat >14%, total amino acids >16%, and oleic acid >40% (of the total fatty acids in the pork).
**Suihua Fresh Corn**

**Protection in China**

中国保护登记号 AGI02462

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**Suihua City, Heilongjiang Province**

**Concise Definition of the Geographical Area**

Suihua City is in the central and southern part of Heilongjiang Province. The protection area of Suihua Fresh Corn is located in Suihua City. It involves 166 townships and towns (sub-districts) in 10 counties (county-level cities, districts) under the administration of Suihua City, Heilongjiang Province, including Beilin District, Hailun County-level City, Wangkui County, Qinggang County, Mingshui County, Zhaodong County-level City, Lanxi County, Suling County and Qing’an County, governing totally 1,336 administrative villages and farms. The geographical coordinates: east longitude 124°13’-128°30’, north latitude 45°3’-48°02’. The total protection area is 1,906,000 hectares. The production area of Suihua Fresh Corn is 30,465.2 hectares, with the total output of 465,430.1 tons.

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**Description of Product**

Suihua Fresh Corn has full and uniform grains. The cooked corn has a glutinous and sweet taste, thin skin, glittering and translucent grains. The cold cooked corn still tastes soft. Suihua Fresh Corn contains crude protein >3%, crude fat <4%, crude starch >60%, amyllopectin >90%, calcium >30 mg/kg, and magnesium >300 mg/kg.
Heiken Youyi Melon

Protection in China
中国保护登记号 AGI02603

Shuangyashan City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Heiken Youyi Melons involves 11 agricultural management zones of Youyi Farm, which is under the administration of Shuangyashan City, Heilongjiang Province. The geographical coordinates: east longitude 132°15'38"-137°27'50", north latitude 46°28'15"-46°58'39". The total protection area is 1,500 hectares. The planting area of Heiken Youyi Melons is 1,333 hectares, with the total output of 39,990 tons.

Description of Product
Heiken Youyi Melons are oval or pear-shaped in appearance. The melons have white peel and thick flesh. The white flesh has a crisp and sweet taste, with a faint fragrance. Heiken Youyi Melons contain vitamin C >28 mg/kg, soluble solids >9%, and water >70%. The sweetness of the melons will increase with a growth in sucrose content in the late mature stage.
Heihe Horse

Protection in China
中国保护登记号 AGI02604

Heihe City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Heihe Horses involves 27 villages and 38 towns of 2 county-level cities, 3 counties and 2 districts under the administration of Heihe City, Heilongjiang Province, including Aihui District, Bei’an County-level City, Wudalianchi County-level City, Nenjiang County, Sunwu County, Xunke County and Wudalianchi Scenic Area. The geographical coordinates: east longitude 124°45’-129°18’, north latitude 47°42’-51°03’. The total protection area is 553,333 hectares. The inventory of Heihe Horses is 30,000 heads.

Description of Product
Heihe Horse is a medium-sized breed. Its body is well-proportioned and strong. The horse’s coat color is shiny. The horse meat is brown red, and has thick fibers and a little yellow fat. The meat is tender. According to the testing results, the meat of Heihe Horses contains unsaturated fatty acid >6 g/100g, protein >18 g/100g, calcium >36 mg/kg, phosphorus >950 mg/kg, iron >30 mg/kg, and fat <5 g/100g.
Aihui Flour

Protection in China
中国保护登记号 AGI02808

Heihe City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Aihui Flour involves 11 townships and towns under the administration of Aihui District, Heihe City, Heilongjiang Province, including Xingfu Township, Sijiazi Township, Aihui Town, Xigangzi Town, Kunhe Township, Shangmachang Township, Zhangdiyingzi Township, Xinsheng Township, Xifengshan Township, Erzhan Township and Hnadaqi Town, governing totally 89 administrative villages. The geographical coordinates: east longitude 125°29'-127°40', north latitude 49°24'-50°58'. The total protection area is 115,334 hectares. The production area is 7,334 hectares, and the total output of Aihui Flour is 25,355 tons.

Description of Product
Aihui Flour is made from the high quality wheat with strong gluten, which is from Aihui District. The wheat grains are full and uniform in size, with red skin and high vitreousness. The flour has a delicious taste. The flour is suitable for making dumplings, noodles, steamed breads and other foods. Aihui Flour contains protein >12.5% and wet gluten >29%.
Muling Sea Buckthorn

Protection in China
中国保护登记号 AGI02809

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Muling Sea Buckthorn includes the whole of Muling County-level City, Mudanjiang City, Heilongjiang Province. The geographical coordinates: east longitude 129°45'19"-130°58'07", north latitude 43°49'55"-45°07'16". The total protection area is 124,600 hectares. The production area of Muling Sea Buckthorn is 6,000 hectares, with the annual output of 135,000 tons.

Description of Product
Muling Sea Buckthorn has full and uniform fruits, which are bright golden yellow. The fruits have smooth surfaces. Muling Sea Buckthorn has delicate and oily flesh, with a faint scent. Its flesh has an acerbic and astringent taste. Muling Sea Buckthorn contains vitamin C >28 mg/100g, soluble sugar >0.25%, and total acids ≤9 g/kg.
Youyi Soybean

Protection in China
中国保护登记号 AGI02811

Shuangyashan City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Youyi Soybeans involves 11 agricultural management zones of Youyi Farm under the administration of Shuangyashan City, Heilongjiang Province. The geographical coordinates: east longitude 132°15′38″-137°27′50″, north latitude 46°28′15″-46°58′39″. The total protection area is 33,333 hectares. The planting area of Youyi Soybeans is 13,333 hectares, with the total output of 40,000 tons.

Description of Product
The yellow Youyi Soybean is round or oval in appearance, with a uniform size and smooth surface. It has thin skin and small hilum with golden yellow cotyledons. Youyi Soybean has a strong aroma. Youyi Soybean contains protein ≥38% and fat ≥18%.
Tianwen Mountain Sealwort

Protection in China

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area

The protection area of Tianwen Mountain Sealwort involves 8 sub-districts and towns under the administration of Acheng District, Harbin City, Heilongjiang Province, including Xiaoling Sub-district, Yuquan Sub-district, Sub-district of Yagou Town, Junjie Sub-district, Pingshan Town, Songfengshan Town, Hongxing Town, and Jinlongshan Town, governing totally 43 administrative villages. The geographical coordinates: east longitude 127°02’18”-127°39’56”, north latitude 45°10’8”-45°37’48”. The total protection area of Tianwen Mountain Sealwort is 137,000 hectares. The planting area of Tianwen Mountain Sealwort is 360 hectares, with the annual output of 5,800 tons.

Description of Product

Tianwen Mountain Sealwort has the shape of a curved cylinder. Its diameter is 0.7-1.8 cm. Its translucent surface is yellow or brown. It also has a hard and tough texture, and faint smell. The sealwort has a sweet taste with a strong fragrance. Tianwen Mountain Sealwort mainly contains sugar, amino acids, trace elements, anthraquinones, steroidal saponins, flavonoids, polyphenols, and other components. According to the testing results, Tianwen Mountain Sealwort contains moisture ≤18.0%, total ash ≤4.0%, extract ≥45.0%, and polygonatum kingianum ≥7.0%.
Suibin River Carp

Protection in China
中国保护登记号 AGI02815

Hegang City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Suibin River Carp involves 3 farms and 9 townships and towns under the administration of Suibin County, Hegang City, Heilongjiang Province, including Erjiuling Farm, Suibin Farm, Puyang Farm, Zhongren Town, Suibin Town, Suidong Town, Fuxing Township, Xinfu Township, Beigang Township, Liansheng Township, Fuqiang Township, and Beishan Township. The geographical coordinates: east longitude 131°12′-132°31′00″, north latitude 47°11′55″-47°45′23″. The total protection area is 334,400 hectares. The aquaculture area of Suibin River Carp is 530 hectares, with the annual output of 1,590 tons.

Description of Product
Suibin River Carp has a long slender body and small head. It has the shape of a spindle, with a shiny surface. It's pale yellow, with bright white fish meat. The fish meat is tough and elastic, and the cooked fish has a fresh, tender and smooth taste. Suibin River Carp contains protein ≥18 g/100g, crude fat ≤4.5 g/100g, DHA ≥0.1 g/100g, iron ≥3.5 mg/kg, and zinc ≥21 mg/kg.
Hutou Rice

Protection in China
中国保护登记号 AGI03104

Jixi City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Hutou Rice involves 11 administrative villages and 2 farms under the administration of Hulin County-level City, Jixi City, Heilongjiang Province, including Dawangjia Village, Weijiang Village, Hutou Village, Yueya Village and Zhudeshan Village of Hutou Town, Xinzhexing Village and Xinlu Village of Abei Township, Xin’an Village, Yongle Village, Yonghe Village and Xinyue Village of Zhenbaodao Township, Wusulijiang Farm, and Taiping Farm. The geographical coordinates: east longitude 133°24’24”~133°39’59”, north latitude 45°54’52”~46°12’30”. The total protection area is 24,667 hectares, and the planting area is 22,000 hectares. The annual output of the grains is 170,000 tons, and the annual output of the rice is 115,000 tons.

Description of Product
Hutou Rice has uniform and full grains, which are white and glittering. The cooked rice has a glutinous, soft and sweet taste, with a mellow flavor. It also tastes chewy and has an oily gleam on the surface. Hutou Rice contains amyllose of 13%-20%, with the gel consistency >70 mm. The alkali spreading value is 7.0.
Jixian Rice

Protection in China

Shuangyashan City, Heilongjiang Province

Concise Definition of the Geographical Area

The protection area of Jixian Rice involves 8 townships and towns under the administration of Jixian County, Shuangyashan City, Heilongjiang Province, including Fuli Town, Jixian Town, Shengchang Town, Taiping Town, Fengle Town, Yong’an Township, Xing’an Township, and Yaotun Township, governing totally 155 administrative villages. The geographical coordinates: east longitude 130°39′30″-132°14′50″, north latitude 46°29′05″-47°04′03″. The total protection area is 118,280 hectares. The planting area of Jixian Rice is 22,000 hectares, with the annual output of 120,000 tons.

Description of Product

Jixian Rice has uniform and white grains, which glittering in appearance. The cooked rice has a strong fragrance, with an oily gleam on the surface. Jixian Rice contains amylose of 13%-20%, and its gel consistency is >70 mm.
Linkou Densefruit Pittany Root-bark

Protection in China
中国保护登记号 AGI03107

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Linkou Densefruit Pittany Root-bark involves 11 towns under the administration of Linkou County, Mudanjiang City, Heilongjiang Province, including Guicheng Town, Linkou Town, Longzhao Town, Liushu Town, Zhumia Town, Qingshan Town, Kuishan Town, Jiantang Town, Diaoting Town, Sadaotong Town, and Lianhua Town. The geographical coordinates: east longitude 129°16'28"-130°46'15", north latitude 44°38'56"-45°59'13". The total area of arable land in the protection area is 170,000 hectares. The production area of Linkou Densefruit Pittany Root-bark is 2,000 hectares, with the total annual output of 15,000 tons.

Description of Product
Linkou Densefruit Pittany Root-bark has the shape of a curled cylinder, which has a gray and yellow surface. It’s 15-20 cm in length, with the thickness of 0.3-0.5 cm. Linkou Densefruit Pittany Root-bark is crisp, and has a faint, bitter taste, and strong smell of mutton. Linkou Densefruit Pittany Root-bark contains moisture ≤14%, extract ≥20%, fraxinellone ≥0.10%, and obacunone ≥0.40%.
Ning’an Tomato
Protection in China

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Ning’an Tomatoes involves 12 townships and towns under the administration of Ning’an County-level City, Mudanjiang City, Heilongjiang Province, including Ning’an Town, Langang Town, Shiyan Town, Dongguncheng Town, Bohai Town, Jingbo Town, Shalan Town, Hailang Town, Sanling Township, Mahe Township, Wulong Township, and Jiangnan Township, governing totally 240 administrative villages. The geographical coordinates: east longitude 128°07′54″-130°00′44″, north latitude 43°31′24″-44°27′40″. The total protection area is 66,667 hectares. The production area of Ning’an Tomatoes is 1,200 hectares, with the annual output of 250,000 tons.

Description of Product
Ning’an Tomatoes are bright red and oblate in appearance, with smooth surfaces. The tomatoes have very large hardness and are suitable for storage and transportation. Ning’an Tomatoes have a moderately sour and sweet taste. The weight of a tomato is 250-500 g. Ning’an Tomatoes contain soluble solids ≥5%, vitamin C ≥9 mg/100g, and lycopene ≥30 mg/kg.
Zhaozhou Pork

Protection in China
中国保护登记号 AGI03291

Daqing City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Zhaozhou Pork involves 12 townships and towns under the administration of Zhaozhou County, Daqing City, Heilongjiang Province, including Zhaozhou Town, Yongle Town, Xinfu Township, Yushu Township, Xingcheng Town, Shuangfa Township, Tuogu Township, Fengle Town, Erjing Town, Yongsheng Township, Chaojang Township, and Chaoyanggou Town, governing totally 104 administrative villages. The geographical coordinates: east longitude 124°48′12″-125°48′03″, north latitude 45°35′02″-46°16′08″. The annual inventory of Zhaozhou Pigs is 200,000 heads, with the annual pork output of 22,000 tons.

Description of Product
Zhaozhou Pork is bright red, with a tough and elastic texture. The cooked pork has a smooth, rich taste, and white and transparent fat. Zhaozhou Pork contains protein >18 g/100g, total amino acids >16% (methionine >0.7%, lysine >1.5%), crude protein >3 g/100g, oleic acid >50%, and linoleic acid >4%.
Anda Milking Cow

Protection in China
中国保护登记号 AG103292

Suihua City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Anda Milking Cow involves 14 townships and towns under the administration of Anda County-level City, Suihua City, Heilongjiang Province, including Anda Town, Renmin Town, Shengping Town, Wanbaoshan Town, Yangcao Town, Zhongben Town, Taipingzhuang Town, Laohugang Town, Changde Town, Jixinggang Town, Wolitun Town, Huoshishan Town, Gudahu Town, and Xian Township, governing totally 116 administrative villages. The geographical coordinates: east longitude 124°52'15"-125°54'45", north latitude 46°01'00"-47°00'36". The total inventory of Anda Milk Cattle is 56,700 heads, and the annual output of fresh milk is 188,100 tons.

Description of Product
Anda Milking Cow has a well-proportioned and strong body. Anda Milking Cow aged 26 months can produce more than 7,000 kg of milk, and the averaged milk fat percentage is above 3.2%. The pregnancy rate of the cows is above 95%, and the survival rate of the calves is above 98%. The milk contains protein $\geq 3.0\%$, dry matter $\geq 9.0\%$, and somatic cell $\leq 2 \times 10^5$ cells/mL.
Youyi Rice

Protection in China
中国保护登记号 AGI03293

Shuangyashan City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Youyi Rice involves 11 agricultural management zones of Youyi Farm under the administration of Shuangyashan City, Heilongjiang Province. The geographical coordinates: east longitude 132°15'38"-137°27'50", north latitude 46°28'15"-46°58'39". The total protection area is 120,000 hectares. The planting area of Youyi Rice is 64,667 hectares, with the total output of 350,000 tons.

Description of Product
Youyi Rice has uniform grains, and the ratio of grain length to breadth is between 1.6 and 1.8. The rice grains are glittering and translucent in appearance. The cooked rice has a faint, sweet taste, and an oily gleam on the surface. The amylose content of Youyi Rice is 15%-19%, the gel consistency is ≥70 mm, and chalkiness degree is ≤3.0%.
Shuangyu Millet

Protection in China
中国保护登记号 AG103294

Daqing City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Shuangyu Millet involves 4 villages and towns under the administration of Datong District, Daqing City, Heilongjiang Province, including Shuangyushu Township, Laoshantou Township, Taiyangsheng Town and Linyuan Town, governing totally 16 administrative villages. The geographical coordinates: east longitude 124°13’-125°7’, north latitude 45°48’-46°27’. The total protection area is 13,400 hectares. The production area of Shuangyu Millet is 6,800 hectares, with the annual output of 20,400 tons.

Description of Product
Shuangyu Millet has small and full grains, which are uniform, shiny and golden yellow. The boiled millet exhibits high viscosity, with an oily gleam on the surface. It has a soft, smooth, faint and sweet taste. Shuangyu Millet contains crude protein ≥8%, crude fat ≤3%, and amylose of 10%-24%.
Yi’an Beet

Protection in China

Qiqihar City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Yi’an Beet involves 15 townships and towns under the administration of Yi’an County, Qiqihar City, Heilongjiang Province, including Yilong Town, Shuangyang Town, Jiefang Township, Sanxing Town, Xixing Town, Zhongxin Town, Yangchun Township, Xinfu Township, Xintun Township, Yi’an Town, Hongxing Township, Shangyou Township, Xianfeng Township, Furao Township, and Taidong Township, governing totally 149 administrative villages. The geographical coordinates: east longitude 124°50’-125°42’, north latitude 47°16’-48°02’. The total protection area is 271,000 hectares. The production area of Yi’an Beet is 20,000 hectares, with the annual output of 750,000 tons.

Description of Product
The root of Yi’an Beet is cone-shaped or wedge-shaped, with a small top. The root body is white and clean, and the root flesh is milky white. Yi’an Beet has a sweet taste and slightly astringent aftertaste. Yi’an Beet contains nitrogen ≤0.25 g/100g, total ash (potassium) ≤165 mg/100g, and sucrose ≥14.00%.
Hulan Egg

Protection in China
中国保护登记号 AG103297

Harbin City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Hulan Eggs involves 10 sub-districts, 9 townships and towns under the administration of Hulan District, Harbin City, Heilongjiang Province, including Lanhe Sub-district, Hulan Sub-district, Jiansheli Sub-district, Yaobao Sub-district, Kangjin Sub-district, Shuangji Sub-district, Shenjia Sub-district, Changling Sub-district, Xiaoxiugang Sub-district, Gongyuanlu Sub-district, Erba Town, Shiren Town, Baikui Town, Fangtai Town, Lianhua Town, Dayong Town, Yanglin Township, Xubao Township, and Mengjia Township, governing totally 162 administrative villages. The geographical coordinates: east longitude 126°11'-127°19', north latitude 45°49'-46°25'. The inventory of chickens in the protection area is 200,000 heads, and the annual output of Hulan Eggs is 375 tons.

Description of Product
Hulan Eggs are oval and pale pink, and have hard shells. The weight of an egg is 45-53 g. The egg yolk is large and golden yellow. Hulan Eggs contain protein ≥11 g/100g, total amino acids ≥10% (lysine ≥0.8%, methionine ≥0.3%), selenium of 0.2-0.4 mg/kg, vitamin B2 ≥0.7 mg/100g, and cholesterol ≤230 mg/100g.
Linkou Milkvetch Root

Protection in China
中国保护登记号 AGI03301

Mudanjiang City, Heilongjiang Province

Concise Definition of the Geographical Area

Linkou County is located in the southeast of Heilongjiang Province. The protection area of Linkou Milkvetch Root involves 11 towns under the administration of Linkou County, Mudanjiang City, Heilongjiang Province, including Liushu Town, Lianhua Town, Sandaotong Town, Jiantang Town, Diaoeting Town, Longzhao Town, Kuishan Town, Zhujia Town, Gucheng Town, Qingshan Town, and Linkou Town. The geographical coordinates: east longitude 129°16'28"-130°46'15", north latitude 44°38'56"-45°59'13". The total protection area is 170,000 hectares. The production area of Linkou Milkvetch Root is 6,000 hectares, with the total annual output of 20,000 tons.

Description of Product

The root of Linkou Milkvetch Root has pale brown and yellow skin, and is more than 50 cm in length, with the diameter of 1-1.5 cm. The root is hard and tough, with a sweet taste and strong aroma of beans. Linkou Milkvetch Root contains water ≤7.0%, total ash ≤3.5%, extract ≥30.0%, verbasil isoflavone glucoside ≥0.080%, and astragaloside IV ≥0.150%.
Zhaozhou Melon

Protection in China
中国保护登记号 AGI03304

Daqing City, Heilongjiang Province

Concise Definition of the Geographical Area
The protection area of Zhaozhou Melons involves 12 townships and towns under the administration of Zhaozhou County, Daqing City, Heilongjiang Province, including Zhaozhou Town, Xinfu Township, Erjing Town, Yongle Town, Yongsheng Township, Xingcheng Town, Yushu Township, Chaoyanggou Town, Chaoyang Township, Shuangfa Township, Fengle Town, and Tuogu Township, governing totally 104 administrative villages. The geographical coordinates: east longitude 124°48’12”-125°48’03”, north latitude 45°35’02”-46°16’08”. The planting area of Zhaozhou Melons is 3,333 hectares, with the annual output of 125,000 tons.

Description of Product
Zhaozhou Melons are oval and uniform in appearance, with smooth, yellow and white peel. The melons have thick white flesh, golden yellow pith and thin peel, with a strong fragrance. The melons are suitable for storage and transportation. Zhaozhou Melons contain total sugar ≥5.0 g/100g, vitamin C ≥16 mg/100g, soluble solids ≥8.0%, and water ≥70.0 g/100g.
The Guidance of Chinese Geographical Indications

Founded in 1952, China Council for the Promotion of International Trade (CCPIT) is a national foreign trade and investment promotion agency. The major responsibilities of the CCPIT include: implement relevant major national development strategies, and promote foreign trade, bilateral investment and economic & technological cooperation; carry forward cooperation with overseas trade promotion counterparts; receive overseas high-end trade and economic delegations; organize Chinese trade and economy delegations to visit foreign countries; manage overseas trade exhibitions organized by Chinese agencies, participate in affairs of Bureau International des Expositions (BIE) and World Expo on behalf of the Chinese government; hold or organize Chinese companies to attend trade and economic exhibitions, forums, fairs and other international conferences; represent domestic industry and commerce in the field of foreign trade, and involve into the formulation of trade and economic policies and rules, foreign trade negotiation and making of international commercial rules; carry out legal consulting, commercial conciliation, trade and maritime arbitration; sign and issue certificates of origin for export products and other certificates and documents related to foreign trade; provide intellectual property services such as patent application, trade mark registration, litigation and rights safeguarding; organize industries and enterprises to cope with trade disputes; provide trade and economic information, training services etc.

The CCPIT will establish wide connections with relevant international organizations, trade & investment promotion agencies, commercial associations and business circle, to organize various forms of communication and cooperation. It is committed to enhancing services for companies and making positive contributions to development of bilateral and multilateral trade relationships, promotion of world economic prosperity and improvement of the well-being of all mankind.

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中国国际贸易促进委员会（简称：中国贸促会）成立于1952年，是全国性对外贸易投资促进机构。中国贸促会的主要职责是：落实国家有关重大发展战略，促进对外贸易、双向投资和经济技术合作；推进与境外对口机构机制化合作；接待境外高层次经贸代表团来访，组织中国经贸代表团出访；管理全国出国举办经贸展览会，负责中国参加国际展览局和世界博览会事务；举办和组织企业参加经贸展览会、论坛、洽谈会及有关国际会议；在外经贸领域代表工商，参与经贸政策法规制定、对外经贸谈判和国际商事规则制定；开展法律顾问、商事调解、经贸和海事仲裁等工作，签发和出具出口商品原产地证书、对外贸易有关文件和单证，提供专利申请、商标注册、诉讼维权等知识产权服务；组织产业和企业应对经贸摩擦；提供经贸信息、经贸培训等服务。

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