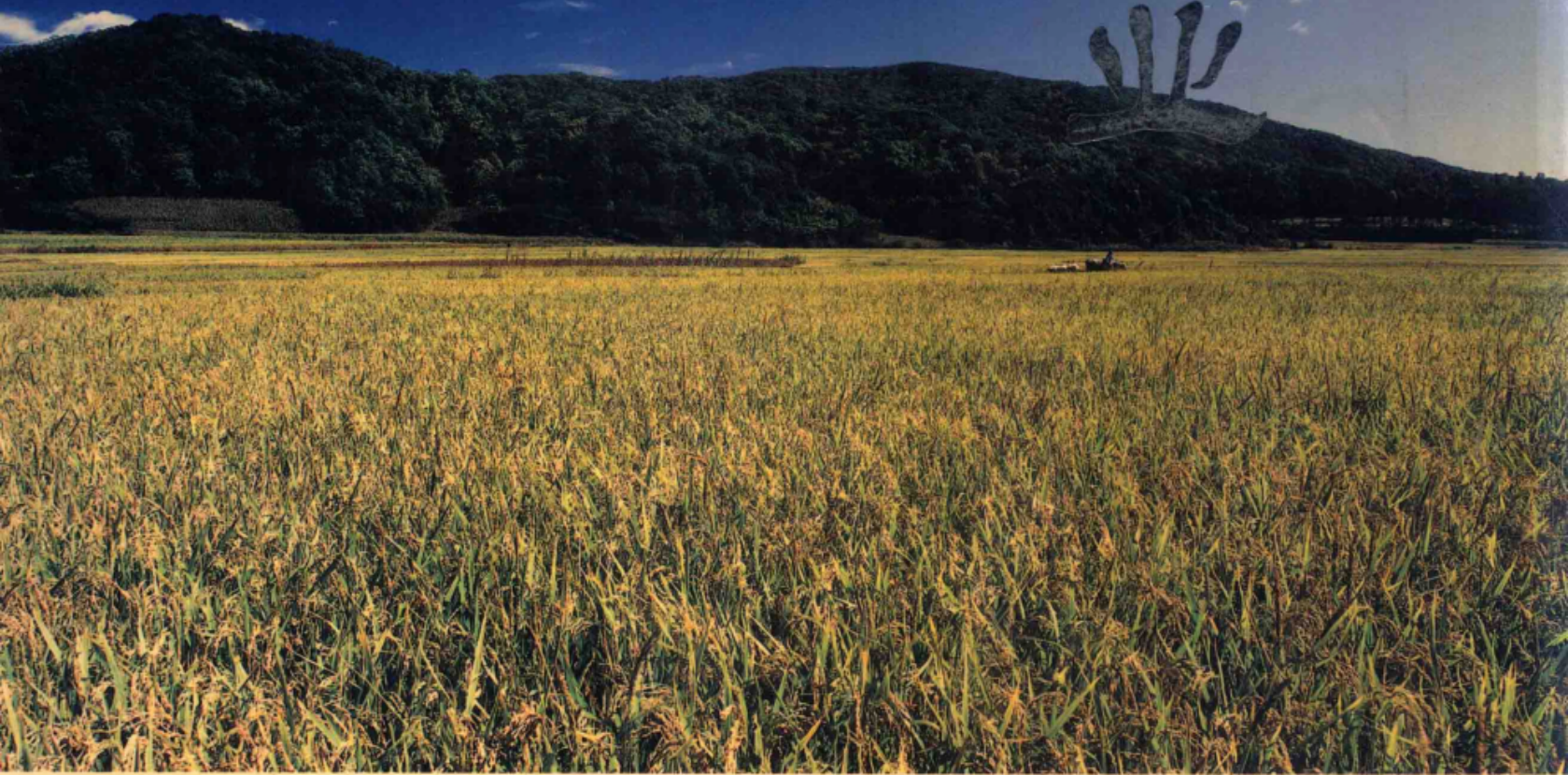


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HARBIN

A G R I C U L T U R E

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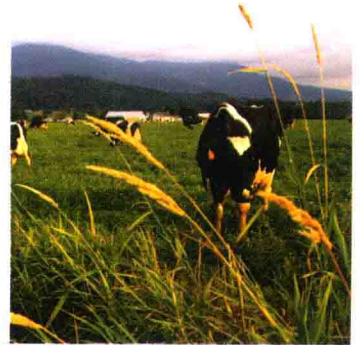
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## 前言

哈尔滨，这座被誉为“东方小巴黎”的美丽城市，象一颗璀璨的珍珠镶嵌在松花江岸边广袤无垠的黑土地上。哈尔滨市是黑龙江省的政治、经济、文化中心，是中国东北部最大的中心城市，辖七区、十二县（市），幅员面积5.3万平方公里，人口941万，既是闻名全国的“重工业基地”，又是全国屈指可数的农业大市。全市耕地面积133.4万公顷，占全省耕地面积的14%，粮食年产量基本稳定在70亿公斤，占全省粮食总量的27.6%，全市所辖12县（市）中有8个是国家级商品粮基地县，有46个产粮超3000万公斤的乡镇。粮食人均占有量850公斤，商品粮近40亿公斤。这里山川秀丽，河流纵横，物产丰富，沃野千里，既有波光粼粼的松花江，又有闻名遐迩的太阳岛，既有大片水清天蓝的黑土地，更有金代故都五国城，自古以来就被誉为塞外的鱼米之乡。

改革开放以来，勤劳智慧的哈尔滨人牢牢把握时代机遇，以改革促发展，以开放促腾飞，农业实现了历史性的大跨越，农村经济发生了翻天覆地的变化。全市已形成大豆、玉米、水稻、乳品、肉牛、生猪、肉蛋鸡、山产品等优势主导产业，肉、蛋、奶、鱼、菜等农产品生产能力分别达到58.6万吨、30.3万吨、72.7万吨、8.2万吨和220万吨。五常大米、巴彦大豆、新胜鸡蛋、宾县肉牛、雪莲牌肉鸡系列产品、绿山川山野菜系列水饺等具有哈尔滨特色的产品在国内外知名度越来越大。2003年全市农林牧渔业总产值实现338亿元，其中牧业产值占44.3%，农民人均纯收入实现2932元。

江山有待，岁月催人，历史的车轮跨入了21世纪。聪明智慧的哈尔滨人正以发展现代农业和全面建设小康社会为目标，按照“五个统筹”的根本要求，全力加快农村工业化、农业产业化、农业科技化和农村城镇化进程，大力推进绿色食品基地建设。哈尔滨正在由粮食大市向牧业大市、农业大市向食品工业强市阔步迈进。哈尔滨的农业正在腾飞，真诚欢迎海内外朋友，投资哈尔滨，投资哈尔滨农业，与勤劳勇敢的哈尔滨人民一道，在这片神奇的黑土地上共创辉煌。

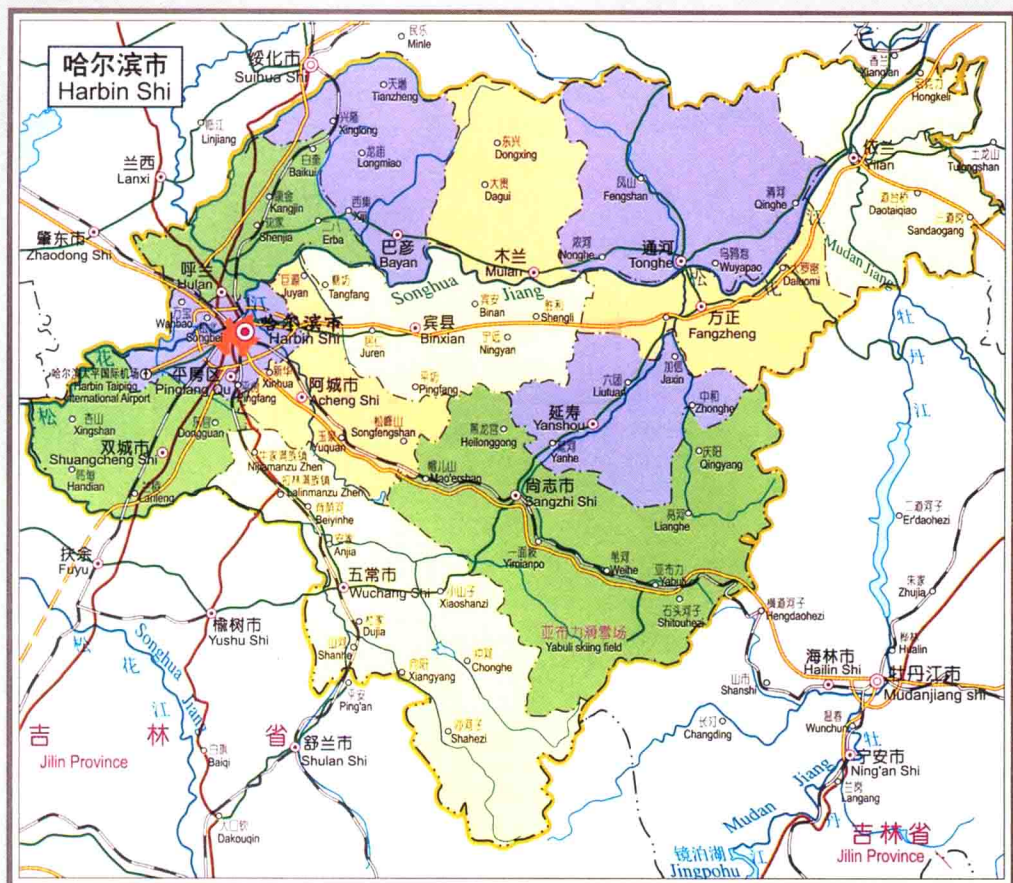
Harbin, the beautiful city is praised as "Oriental small Paris", inlays on the vast black land in the bank of SongHua River like a bright pearl. Harbin is a political ,economical ,cultural center of Hei Longjiang province and it is the largest city of China's Northeast. It administers 12 counties and 7 districts , its territory area is 530,000sq.km.s and population is 9,410,000 . It is famous "heavy industrial base "of the whole country as well as the large city of agriculture .The cultivated area of the city is 13,340,000 hectares which is 14% of the cultivated area of the whole province .The output of the grain is steady in 7 billion kilograms which is 27.6% of output of the grain in the whole province . 8 in 12 counties are national-level commodity grain base. There are 46 towns that produced exceeded 50 million kilograms grain. The average quantity of grain is 850kg and general marketable grain is nearly 4 billion kilograms. There are pretty mountains and rivers here. Rivers run vertically and horizontally. There is not only SongHua River with glistening light of waves but also famous Sun Island, There is not only large stretch of black land but also ancient capital of Jin Dynasty.

Since the reform and opening-up , industrious and intelligent people in Harbin hold the opportunity firmly to develop economy. The rural economy has changed greatly, the whole city has already formed leading industry of the advantage such as:the soybean , maize , rice , dairy products , beef cattle , live pig , meat hen , mountain products . The production capacity of the agricultural product such as : meat ,egg ,milk ,fish ,vegetable reach separately: 586,000tons , 303,000tons , 727,000tons , 82,000tons and 2,200,000tons . The series of products of Wuchang rice , Bayan soybean , Xinsheng egg , Bin county's beef , snow lotus brand meat chicken , the series of Green Mountains wild vegetable dumpling have greater and greater popularity at home and abroad. The gross output value in agriculture ,forestry ,animal husbandry ,fishery have reached 33,800million yuan in 2003. The output value of animal husbandry accounts for 44.3% among them , the average net income of the peasant reached 2,932 yuan.

In 21<sup>st</sup> century ,the people in Harbin with intelligence regard developing modern agriculture and building the society of well-to-do as the goal . According to requiring "5 pieces of pool", the city accelerate rural industrialization , agricultural industrialization ,agricultural science and technology and agricultural cities and towns process , advocate the construction of pollution-free food base energetically . Harbin, a city bases on grain gradually changes into a city bases on animal husbandry , a agricultural city gradually changes into a city with food industry . The agriculture of Harbin is developing greatly . We sincerely welcome all friends at home and abroad to make investment in Harbin, make investment in the agriculture of Harbin .The industrious and brave people in Harbin would create brilliance together with you at the magical black land.

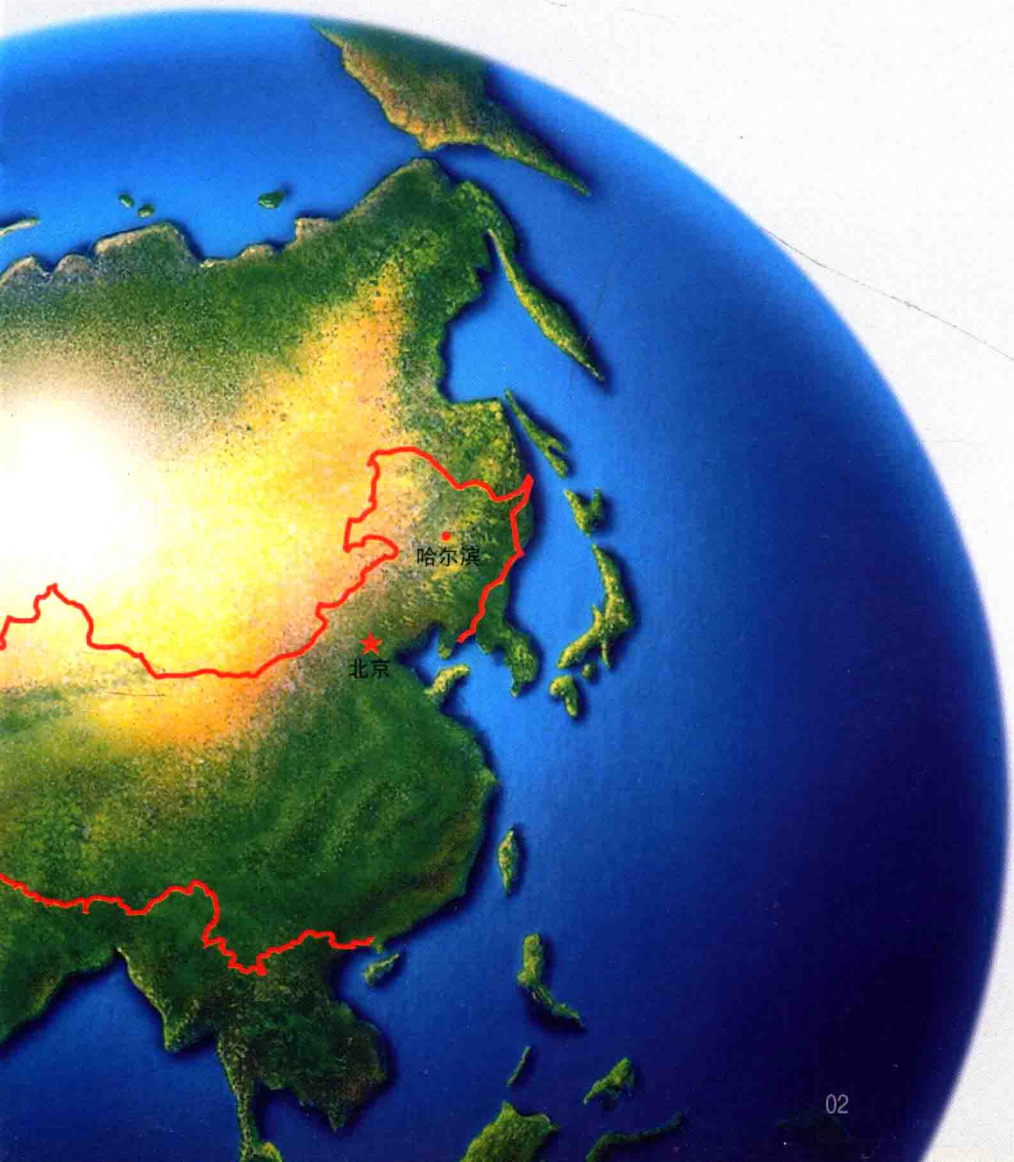
H A R B I N A G R I C U L T U R E





哈尔滨市位于东经  $125^{\circ} 42' - 130^{\circ} 10'$ ，北纬  $44^{\circ} 04' - 46^{\circ} 40'$ ，幅员面积 5.3 万平方公里，基本上是五山半水分田分半荒山和草原。辖 7 区 12 县（市），193 个乡镇，1879 个行政村，109 万农户，500.2 万农业人口。年平均气温在  $5^{\circ}\text{C}$  左右，年降雨量 480 毫米左右，年日照时数 2500 小时左右，年有效积温  $2300^{\circ}\text{C} - 2700^{\circ}\text{C}$ 。全市共有四个积温带，年有效积温分别为  $2700^{\circ}\text{C}$  以上， $2500^{\circ}\text{C} - 2700^{\circ}\text{C}$ 、 $2300^{\circ}\text{C} - 2500^{\circ}\text{C}$ 、 $2300^{\circ}\text{C}$  以下。土壤类型主要有暗棕土壤、白浆土、黑土、黑钙土和草甸土，黑钙土是全市主要耕作土壤。森林覆盖率为 43.5%。

Harbin is situated in the belt within  $125^{\circ} 42' \text{ E}$  to  $130^{\circ} 10' \text{ E}$  and  $44^{\circ} 04' \text{ N}$  to  $46^{\circ} 40' \text{ N}$ . The territory area is 530,000 sq.km.s. Harbin has jurisdiction over 12 counties and 7 districts, 193 towns and 1879 administrative villages. There are 1090,000 peasant households and 50,020,000 agricultural populations in Harbin. The annual average temperature is about 5 degrees, the annual rainfall is about 480mm, annual sunshine time is about 2500 hours, annual effective accumulated temperature is from 2300degrees to 2700degrees. There are 4 accumulate temperate zone in the city, annual effective accumulated temperatures separately is 2700 degrees above, 2500 degrees to 2700 degrees, 2300 degrees to 2500 degrees and under 2300 degrees. There are several main types soil: dark brown soil, white thick liquid and soil, soil, phaeozem, chernozem. The chernozem is the main cultivated soil of the whole city. The coverage rate of forest is 43.5%.





# 丰饶富足的 RICH NATURAL RESOURCE 自然资源

哈尔滨市地处世界三大黑土带之一松嫩平原，耕地面积2008万亩，林地3316.3万亩，水面283万亩，草原364.3万亩，大体是5山半水3分田分半荒滩和草原。境内共有流域面积50平方公里以上的河流132条，水库196座（其中大型2座，中型17座，小型177座），机电井10518眼，灌溉面积450万亩。年降雨量480毫米左右，全市水资源总量128.97亿立方米，其中地表水为103.21亿立方米。森林总蓄积量为7643万立方米，森林覆盖率达43.5%，比全国平均水平高27个百分点。全市粮食生产能力可达800万吨，其中玉米450万吨，大豆100万吨，水稻220万吨。奶牛、肉牛、生猪、羊、家禽存栏分别达25.7万头、116万头、260万头、61万只、5200万只，2003年肉牛、生猪、羊、家禽出栏分别达到67万头、345万头、31万只和7200万只。肉、蛋、奶、水产品产量分别达到58.6万吨、30.3万吨、72.7万吨和8.2万吨。



Harbin is located in the Songnen Plain which is of one of the world's three major phaeozem belts. There are 1338666.67 hectares of cultivated area, 2210866.67 hectares of forest land, 188666.67 hectares of surface of water, 242866.67 hectares of grasslands. There have 132 rivers whose drainage area is more than 50 Sq. km. within the border, 196 of reservoirs (have 2 large-scale , have 17 more medium-sized , have 177 small-scale among them), 10518 electromechanical wells, irrigated area is 300,000 hectares. Annual rainfall is about 480 mm., the water resource general quantity of the whole city is 12,897 million cubic meters, among them the surface water is 10,321 million cubic meters. Forest total storage capacity is 76,430,000, forest coverage rate up to 43.5%. The grain production capacity in the whole city can be up to 8 million tons, maize is 4,500,000 tons among them, 1 million tons of soybeans, 2,200,000 tons of rice. Cow , beef cattle , live pig , sheep , poultry's livestock on hand are up to 257,000 , 1,160,000 , 2,600,000 , 610,000 , 52 million separately, beef cattle , live pig , sheep , poultry will deliver for sale had reached 670,000 , 3,450,000 , 310,000 and 72 million separately in 2003. The meat , egg , milk , output of aquatic products reach 586,000 tons , 303,000 tons , 727,000 tons and 82,000 tons separately.



广袤肥沃的黑土地 Vast and fertile land



望无际的大森林 Broad forest



丰富的林木资源 Abundance wood resource



丰沛充足的水利资源 Plentiful irrigation resource



高油、高蛋白大豆 High oil and high protein soybean



优质专用玉米 Top quality maize



高产优质奶牛 High yield and top quality cow



瘦肉型生猪 Lean pig

# 日臻完善的 基础设施

PERFECT FOUNDATION FACILITIES

近年来，哈尔滨市农业农村基础设施建设取得长足发展，以国道、省道和通乡公路建设为重点构筑了四通八达的公路网络，行政区划内共有公路235条，其中国际公路5条、省级公路9条、县级公路41条、乡级公路180条，公路总里程6631公里。境内大小河流均属于松花江水系和牡丹江水系，主要有松花江、呼兰河、阿什河、拉林河、牛河、蚂蜒河、泥河等。全市拥有大、中、小型水库196座，其中大型水库2座、中型水库17座、小型水库177座，设计总库容为17.1342亿立方米。电力、通讯网络覆盖全市村镇。全市农村共建设变电所77个，农村电话装机容量达40多万门。全市农业机械总动力273万千瓦，拥有各种型号的拖拉机约12.4万台，全市机电井10518眼。目前，全市共有呼兰利民、双城、宾县宾西、阿城等10个省级经济开发区和工业园区。10个园区已引进资金179.3亿元，入园企业338家，其中投资超500万元的企业有123户，超1000万元的企业116户，超亿元的企业32户。



In recent years, the development of village's foundation facilities has made great improvement in Harbin. It has built a leading everywhere highway network that emphasis the development of the national road, province road and village road. There are 235 highways in the administrative area. Among them, there are 5 national level highways, 9 province level highways, 41 country level highways, 180 village class highways. The total mileage is 6,631 kilometers. In this area, all rivers are belonged to the Songhuajiang river system and Mudanjiang river system. The main rivers are Songhuajiang river, Hulan river, Ashi river, Lalin river, Mangniu river, Mayan river and Nihe river etc. There are 196 reservoirs in all size in the whole city. Among them, there are 2 large reservoirs, 7 medium-sized reservoirs, 177 small scale reservoirs. The total volume in expectation is about 17.1342 hundred millions cubic meters. The network of the electricity and communication cover the whole municipal villages. There are 77substations in the whole villages. There are 400 thousands fix telephones in the whole village. Total power of the agriculture machine in the whole city is 2,730 thousands kilowatt. The city own 124 thousands tractors in every kinds and 10,518 machine or electricity wells. At present,the whole city has ten economical development districts and industry zones as Limin of Hulan,Shuangcheng,Binxí of Bin county,Acheng.The ten districts have introduced the fund of 179.3 hundred million yuan, which consisted of 338 enterprises. Among them, there are 123 enterprises which invest 5,000,000 yuan, there are 116 enterprises which invest above10,000,000 yuan,there are 32 enterprises invest above 1 hundred million yuan.





遍布城乡的供电网络 The electric net spread all over the city and county