

# 5.3 Agricultural Origins and Diffusions

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Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

Total: 10 marks

## Objective

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Build the skills to answer exam questions on **agricultural hearths** 农业起源地 and diffusion.

**You must be able to:**

- define an **agricultural hearth** 农业起源地
- name a major hearth (e.g. the Fertile Crescent)
- explain how farming diffused from hearths
- define the **Columbian Exchange** 哥伦布交换

## 1 Worked examples

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Study these first. Each one shows the method for a task used later.

### ■ Agricultural hearths

An **agricultural hearth** is a region where farming independently began. Several arose worldwide, including the **Fertile Crescent**, East Asia, and Mesoamerica.

### ■ Diffusion of farming

From each hearth, crops, animals, and techniques spread by **relocation** (migrating farmers) and **expansion** diffusion to neighbouring regions.

### ■ The Columbian Exchange

The **Columbian Exchange** was the transfer of crops, animals, and diseases between the Americas and the rest of the world after 1492, reshaping global agriculture.

## 2 Practice

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2.1 Define an agricultural hearth.

[2]

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**2.2** Define the Columbian Exchange. [2]

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**2.3** Wheat farming began in the Fertile Crescent and later appeared across Europe.

(a) Name the process that carried it to Europe. [1]

(b) State the diffusion type if farmers migrated and brought it. [1]

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### 3 Exam-style questions

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**3.1** A region where agriculture was first independently developed is an agricultural [1]

- A region
  - B hearth
  - C landscape
  - D boundary
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**3.2** The movement of potatoes to Europe and horses to the Americas is part of the [1]

- A Green Revolution
  - B Columbian Exchange
  - C Second Agricultural Revolution
  - D gravity model
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**3.3** Maize, first grown in Mesoamerica, is now farmed worldwide.

(a) What does this show about the crop's hearth? [1]

(b) Explain how diffusion spread it globally. [1]

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### 4 Go further

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- work through the **5.3 Agricultural Origins and Diffusions** lesson on the **Learn** page;
  - read the **Agriculture and Rural Land-Use** section of the AP Human Geography handout on the **Know** page.

## Solutions

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**2.1** a region where agriculture independently originated and from which it spread.

**2.2** the exchange of crops, animals, and diseases between the Americas and the rest of the world after 1492.

**2.3** (a) diffusion (from the hearth). (b) relocation diffusion.

**3.1 B.** the origin region is an agricultural hearth.

**3.2 B.** post-1492 crop/animal transfer = Columbian Exchange.

**3.3** (a) it originated (was domesticated) there. (b) it spread through trade, migration, and later the Columbian Exchange.