

14 Multiple choice questions

Definition

The offspring produced by a sexual female aphid after mating.

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- Eggs
- Mitosis
- Mating
- Clones

Term

Clones

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- Organisms that can reproduce asexually through runners, leaves, or roots.

- The process of a male and female aphid reproducing sexually.
- The offspring produced by a sexual female aphid after mating.
- Offspring that are genetically identical to the parent.

Definition

Offspring from asexual reproduction in strawberry plants may be better adapted to conditions near the parent plant.

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- Variation
- Advantages
- Adaptation
- Disadvantages

Term

Plants

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- Organisms that can reproduce asexually through runners, leaves, or roots.
- Factors such as food that are abundant and allow for rapid asexual reproduction.
- Offspring that are genetically identical to the parent.
- Cell division that produces offspring in asexual reproduction.

Definition

Benefits of asexual reproduction include faster reproduction and making the most of available resources.

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- Advantages
- Resources
- Adaptation
- Disadvantages

Term

Fertilization

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- Differences among offspring produced through sexual reproduction.
- The process of a male sex cell combining with a female sex cell.
- Cell division that produces offspring in asexual reproduction.
- The process of a male and female aphid reproducing sexually.

Definition

Cell division that produces offspring in asexual reproduction.

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- Mitosis
- Mating
- Plants
- Clones

Sexual reproduction

- Drawbacks of asexual reproduction include lack of genetic variation and vulnerability to disease.
- Environmental changes that can be advantageous for offspring produced through sexual reproduction.
- Reproduction without fertilization, producing clones that are genetically identical to the parent.
- Combines characteristics from both parents, producing offspring that are different from each other.

Definition

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The process of a male and female aphid reproducing sexually.

- Variation

- Mating

- Fertilization

- Mitosis

Definition

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Drawbacks of asexual reproduction include lack of genetic variation and vulnerability to disease.

- Pest or disease
- Advantages
- Adaptation
- Disadvantages

Definition

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Differences among offspring produced through sexual reproduction.

- Mating
- Fertilization
- Variation
- Adaptation

Definition

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Reproduction without fertilization, producing clones that are genetically identical to the parent.

- Asexual reproduction
- Disadvantages
- Sexual reproduction
- Pest or disease

Term

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Resources

- Drawbacks of asexual reproduction include lack of genetic variation and vulnerability to disease.
- Factors such as food that are abundant and allow for rapid asexual reproduction.
- Organisms that can reproduce asexually through runners, leaves, or roots.
- Benefits of asexual reproduction include faster reproduction and making the most of available resources.

Term

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Pest or disease

- Environmental changes that can be advantageous for offspring produced through sexual reproduction.
- Drawbacks of asexual reproduction include lack of genetic variation and vulnerability to disease.
- Combines characteristics from both parents, producing offspring that are different from each other.
- Reproduction without fertilization, producing clones that are genetically identical to the parent.