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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Genetics Crossword Puzzle Answer Key

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1  T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 2  P |  |  |  |  |  |  |  |  | R |  | 3  P |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 4  C | R | O | S | S | P | O | L | L | I | N | A | T | I | O | N |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 5  P |  |  | L |  |  |  |  |  |  |  |  | I |  | S |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | R |  |  | L |  |  |  |  |  |  |  |  | T |  | T |  | 6  H |  |  |  |  |  |  |  |  |  |  |  |
|  |  | O |  |  | I |  |  |  |  | 7  R | E | C | E | S | S | I | V | E |  |  |  |  |  |  |  |  |  |  |  |
|  |  | B |  |  | N |  |  |  |  |  |  |  |  |  |  | L |  | R |  |  |  |  |  |  |  |  |  |  |  |
|  |  | A |  |  | A |  |  |  |  |  |  |  |  |  |  |  | 8  F | E | R | T | I | L | I | Z | A | T | I | O | N |
|  |  | B |  |  | T |  |  |  | 9  P |  |  |  |  | 10  G |  |  |  | D |  |  |  |  |  |  |  |  |  |  |  |
|  |  | I |  |  | I |  | 11  A |  | U |  |  | 12  F |  | E |  |  |  | I |  |  | 13  H |  |  |  | 14  H |  |  |  |  |
| 15  S | E | L | F | P | O | L | L | I | N | A | T | I | O | N |  |  |  | T |  |  | O |  |  |  | E |  |  |  |  |
|  |  | I |  |  | N |  | L |  | N |  |  | L |  | E |  | 16  D |  | Y |  |  | M |  |  |  | T |  |  |  |  |
|  |  | T |  |  |  |  | E |  | E |  |  | A |  | S |  | O |  |  |  |  | 17  O | V | U | L | E | S |  |  |  |
|  |  | Y |  |  |  |  | L |  | T |  |  | M |  |  |  | M |  |  |  |  | Z |  |  |  | R |  |  |  |  |
|  |  |  | 18  P | E | R | C | E | N | T |  | 19  G | E | N | E | T | I | C | 20  S |  |  | Y |  |  |  | O |  |  |  |  |
|  |  |  |  |  |  |  | S |  | S |  |  | N |  |  |  | N |  | T |  |  | G |  |  |  | Z |  |  |  |  |
|  |  |  |  |  |  |  |  |  | Q |  |  | T |  | 21  O | V | A | R | Y |  |  | O |  |  |  | Y |  |  |  |  |
|  |  |  |  |  | 22  S |  |  |  | U |  |  |  |  |  |  | N |  | L |  |  | U |  |  |  | G |  |  |  |  |
|  |  |  |  | 23  S | T | I | G | M | A |  |  | 24  R |  | 25  A | N | T | H | E | R |  | S |  |  |  | O |  |  |  |  |
|  |  |  |  |  | A |  |  |  | R |  |  | A |  |  |  |  |  |  |  |  |  |  |  |  | U |  |  |  |  |
|  |  |  |  |  | M |  |  | 26  G | E | N | O | T | Y | P | E |  |  |  |  |  |  |  |  |  | S |  |  |  |  |
|  |  |  |  |  | E |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | N |  |  | 27  P | H | E | N | O | T | Y | P | E |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across**  **4.** the transfer of pollen from the anther of one plant to the stigma of another  **7.** trait that seems to hide or disappear  **8.** The joining of the egg and sperm cells to create new life  **15.** only one plant or needed because the plant pollinates itself  **17.** egg cells (become seeds)  **18.** the chance of an event occurring out of 100  **19.** the study of heredity  **21.** base of flower that holds egg cells  **23.** sticky to catch pollen  **25.** holds the pollen  **26.** inherited alleles that are your genetic make-up  **27.** physical trait resulting from genotype | **Down**  **1.** a characteristic of living things  **2.** The transfer of pollen(with sperm cells) from the anther to the stigma(holds egg cells) by wind or animals  **3.** female reproductive system  **5.** the chance something will occur  **6.** the passing of traits from parents to offspring  **9.** A tool used to predict the possible combinations of alleles in the offspring  **10.** instructions in your body that control your traits  **11.** various forms of one gene  **12.** holds up the anther  **13.** having two of the same alleles  **14.** having two different alleles  **16.** trait that shows up more often  **20.** stalk to hold up stigma  **22.** male reproductive system  **24.** how many of one to how many of another |