

THE WAGGLE DANCE

HOW HONEYBEES TELL EACH OTHER WHERE THE BEST FLOWERS ARE!

Grasso

POLLINATOR ALLIANCE, Inc.

What is the Waggle Dance?

Honeybees perform the Waggle Dance to communicate the location of a good food source to their fellow bees!

How the Waggle Dance Works

- 1 The bee waggles as she moves forward, making a figure-eight pattern on the honeycomb.
- 2 **Distance:** The duration of the waggle run tells other bees how far to the flowers.
- 3 **Direction:** The angle between the straight part of the dance and the position of the sun shows other bees which direction to fly.

Direction:

Distance:

The duration of the waggle run tells other bees how far to the flowers.

Fun Facts About the Waggle Dance:

- 1 The waggle dance can point to a flower patch up to 5 miles away!
- 2 The dance run takes roughly 1 second for each 1,000 feet to the flowers.
- 3 Bees have special eyes that detect the sun's position, even when it's cloudy!