



PRAWN PRODUCTION

Our premium, sustainably farmed black tiger prawns (*Peneaus monodon*) are produced on our 96-ha farm at Pacific Reef Fisheries in Ayr, North Queensland



WASTEWATER

Production of over 1,000 tonnes of prawns each year generates a significant amount of nutrient waste that is collected and directed to our seaweed farm for treatment



SEAWEED CULTIVATION

Seaweed grows and thrives in the treatment ponds while stripping valuable nutrients out of the wastewater, leaving clean water and a nutrient-rich seaweed biomass

SEAWEED HARVEST

Seaweed biomass is harvested regularly ensuring cultivation ponds are maintained at optimum density. The harvested biomass is processed immediately to preserve the integrity of its biochemical compounds



EXTRACTION PROCESS

Beneficial compounds are then extracted from the seaweed using a state-of-the-art process developed by our team of scientists, giving PlantJuice its unique properties



PLANTJUICE

The final extract is a concentrate of plant biostimulants such as hormones, micro-nutrients and ulvans, that improves soil condition and supports superior plant growth

