Myrmecocystus mexicanus

Golden Honey Pot Ant | Care Sheet

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KEEPING LEVEL	ORIGIN	NEST TEMPERATURE	NEST HUMIDITY	WORKERS BEFORE NEST
Intermediate	Mexico & SW USA	27–30°C	65–75%	10+

🐜 At a glance

Origin	🌎 Arid regions of Mexico and the south-western USA
Keeping level	Intermediate — needs heat and regular feeding. No sting
Queen	15–16mm
Workers	7–10mm; repletes swell into golden balls up to about 25mm
Founding	Fully claustral — but feed the queen twice a week
Colony form	Single queen at founding
Nest temperature	27–30°C (outworld 22–32°C)
Nest humidity	65–75% in the nest; outworld 50–60%
Workers before moving into a nest	10+
Winter	Short winter rest after the first year — see below

📖 About this species

One of nature's most incredible ants. Some workers, called repletes, gorge on nectar until their abdomens swell into golden, see-through balls, then hang from the nest ceiling as living food stores for the colony. They are nocturnal, so most of the action happens after dark. Feed the queen twice a week, and the colony the same way afterwards.

📦 When your ants arrive

- ⚠️ **MOST IMPORTANT:** leave the parcel completely unopened, exactly as it arrived, at room temperature for **5 hours**. The ants must adjust to your home’s temperature gradually — abrupt temperature changes make ants seriously unwell.
- After the 5 hours, check the queen is safe and sound, then leave the colony in its original packaging (test tube still in its tin foil and wrapping) in a quiet spot — in daylight, never direct sunlight — away from vibration and daily household activity.
- 😴 Give the colony **4 to 5 days** of complete rest. The ants were fed before dispatch and need nothing from you during this time. Assemble and water the nest while you wait.
- Still workers or a motionless queen after delivery are almost always delivery stress. Check the antennae: moving antennae means she is fine. Almost all recover within 4 to 5 days (a little longer for bigger queens).
- 👑 A queen on her own: keep her test tube wrapped in its tin foil, undisturbed, and feed her once a week — a tiny drop of protein jelly, about half a grain of rice, on a small flat piece of tin foil placed inside the tube next to the dry cotton stopper. In our experience a fed queen is stronger and her brood develops about 30% faster.

🏠 Moving into the ant farm

- Keep the colony in its test tube until it has **at least 10 workers**. Moved earlier, the workers often abandon the queen in the larger space, which can lead to colony failure. A queen bought on her own,

with no workers yet, needs a little longer: she stays in her test tube until she has 15+ workers.

- Connect the test tube to the nest with the delivery tin foil still on and leave it for 14 days. Then slide the foil back about 1mm every day until the tube is fully exposed to daylight.
- If the ants have not moved in 2 days after the tube is fully exposed, wrap the foil back on, wait another fortnight and repeat the whole process — patience is the key. Moving in happens on the ants' own time: anywhere from a couple of days to 6 months.
- The red filter and black cover stay on the nest at all times — it is pitch dark inside. The black cover can come off once a day for 2 to 3 minutes (ideally at night); the red filter once a week for 2 to 3 minutes.
- ☀️ Place the ant farm in normal daylight, never direct sunlight (the sun can overheat a nest within minutes). Avoid windows, radiators and heaters, vibrating surfaces, speakers and TVs, strong smells such as the kitchen, and busy walkways. Keep a steady room temperature.

🍯 Feeding

- 🍯 Sugars for worker energy: our organic ant honey (lab-tested at 81% carbohydrate) or Best Ants UK Ant Nectar (90% dextrose, an even richer energy source) — never sugar water or home-made mixes. Honey pot ants store sugars for the whole colony, so never let them run short.
- 🥩 Protein for the queen and brood: Best Ants UK Protein Jelly or NextSwarm Cricket Mash. Keep protein jelly in the fridge at all times once opened.
- Feed twice a week, in the outworld only. Remove leftovers after 2 days to prevent mould.
- 🦗 Live food (mealworms, crickets, locusts) is only for established colonies, never small ones. All bought live food carries tiny mites that can destroy a colony, so always scald it first: hold it with tweezers in just-boiled water (no longer bubbling) for 10 to 15 seconds, then chop it in half and serve on a small tin foil tray.

💧 Watering the nest

- 💧 Use **distilled or purified water only** — never tap, rainwater or bottled mineral water, even boiled. They carry minerals and microbes that turn a nest green with mould. A litre of distilled water costs a few pounds and lasts over a year.
- Water the nest with the pipette provided: pour slowly, a few drops at a time, through the watering hole, and stop as soon as 1 or 2 drops appear inside the nest — that is how you know it is done correctly. More than that is too much.
- Once a week is usually right — slightly more in summer, less in winter. Never water the outworld.

🌡️ Temperature and winter

- Skip the winter rest in the first year.
- From the second year, give a short rest of about 2 months from the first week of November: move the ant farm to a cooler room at around 20°C. Reduce food to about a third.
- The rest of the year keep the nest at 27–30°C with the Advanced Heating System Small 4W, warming no more than a quarter of the nest. Never use a fridge, shed or garage.

🤩 Did you know?

- A single replete can hold so much nectar that it grows to the size of a hazelnut.
- Repletes hang from the nest ceiling like tiny golden lanterns — a living pantry for dry spells.

⭐ Golden rules | Never break these

- 🚫 Never put ants in a fridge, and never expose them to abrupt temperature changes. Cold does not kill a colony instantly — the ants get sick and die over the following days.
- 🚫 Never use gel ant farms, Ytong or concrete nests, or DIY nests.
- 🚫 Never use tap, rain or mineral water, even boiled.
- 🚫 Never move a colony into a nest too early, and never tip or shake ants out of their tube.

- 🚫 Never disturb the colony with tapping or handling — vibration stresses the queen and she can stop laying or eat her eggs.
- ☀️ Never keep the farm in the dark: ants need daylight for their circadian rhythm. Daylight yes — direct sunlight never.
- 🚫 Never release this species into the wild — a colony raised in an ant farm would not survive. If you can no longer keep it, visit our ants adoption page and ask us whether we can adopt it.

🛒 Recommended for this species

- Myrmecocystus mexicanus colonies
- A7 Plus Ant Farm Kit
- Advanced Heating System 4W
- Protein Jelly
- Cricket Mash
- Organic Honey
- Ant Nectar

📚 These care notes cover the essentials only. Please read the full ant farm setup guide and our Myrmecocystus mexicanus care guide from A to Z. Questions? Message us through our contact form and we will be happy to help. 💚

Written and reviewed by the Best Ants UK team, keeping ants since 1997.