Exceptional hive weight & performance monitoring

Productivity  Hive health  Partner visibility  Growth.

Eliminate the guesswork.

- weight
- activity
- rainfall
- location
- temperature
- humidity

Satellite coverage everywhere for beehives in the wop wops.
Satellite hub

Our wireless satellite hub is the central communications unit that allows all your sensors to report data wirelessly back to your online account. You can connect multiple sensors to a single hub – beekeeping was never more connected.

- 4-24 reports per day
- IP68 weather proof
- All sensors wireless: no cables needed
- 4-24 reports per day
- Lithium AA batteries, 6-12 month life
- Accurate GPS location
- Up to 25 sensors per hub

$925

Hive weight scales

Reports the weight of your hive every 6 hours, and the ambient temperature under the hives on that site. Designed to fit underneath standalone hives or into most pallet systems.

- Typically 4 per site
- Weigh up to 300 kg
- 1000 kg damage tolerance
- Standard AA batteries, 6-12 month life
- Can also operate standalone with voice readout

$435

Hive strength monitor

Reports the in-hive humidity, the temperature, and the number of bees entering or leaving the hive in each 3-hour period (adjustable).

- Get a full picture of the hive’s well-being
- Use for refrigerated transport, research, etc.
- Hive humidity
- Hive temperature
- Bee activity (approx. doorway count)

$305

Rain gauge

Reports millimeters (or inches) of rain each day. Gives you a full picture of the environment at your apiary site.

- Integrates with hive sensors
- Can be fixed to any appropriate surface

$245

Theft tracker (standalone device)

Keep an eye on the thieves! Track the location of your hives to within a 10-meter radius, from anywhere in the world, using satellite communication. When hive is moved outside the radius, its location will be reported to your Hivemind login page and via SMS/email alert.

- Alarm on movement outside radius
- Accurate to 10-meters
- Lower-cost than full hub
- Can hide under plastic hive lid
- Operates independently of main hub for security
- All location history available via Hivemind login

$260

* All prices ex. GST and subject to change without notice.
What is Hivemind?
And how does it work?

Hivemind is NZ and Australia’s only commercially-viable visibility tool for beekeepers with hives in or out of mobile coverage.

It is a system of hive weight scales and sensors that enable you to track how your hives are performing, remotely. The sensors transmit via satellite to your Hivemind.co.nz account, so your remote hives feel right next door.

You can login to view the data any time via PC, tablet, or smartphone.

All our gear is designed for the rugged outdoor nature of beekeeping. No problematic cables. Easily replaceable batteries that last the whole season. Simple to set up—no technical expertise required. You can use it in large or small operations with equal ease.

At the end of the day, the improvements from monitoring your apiary are dramatic. Thousands of dollars per apiary, healthier bees, and better relationships with your people are just a start.

Case study: Ruge Honey

Rodney Ruge is a highly experienced Aussie beekeeper who has been in the business for 30 years. His successful honey business, Ruge Honey, will go the extra mile to get that perfect drop of honey.

After transporting their hives to location, often travelling thousands of kilometres, Ruge Honey may not see them again for many weeks. In the five years they’ve been using our weigh scales and other sensors, they have saved thousands of extra kilometres of travel, fuel, and vehicle wear.

Rodney describes a time when they had some hives over 900 kilometres from base, filling with honey every three weeks for a period of around 3 months. When the honey flow dried up, and the hives suddenly stopped gaining weight, it was obvious they needed to go and move them. “Before Hivemind”, he says, “we would have driven the truck out with empty supers to harvest more honey, only to turn around and bring the empty supers back home, then go back and move the bees. Each round trip uses 1000 litres of diesel plus running costs and labour.”

Hive health and honey quality are also key. For example, Rodney says “One time, Hivemind showed us that bees were starving at one site, while bees recently moved to another site were making healthy daily weight gains.” This meant Rodney could shift the struggling hives and, in his words, “we will benefit from the stronger hives in the spring plus an extra super of honey.”

That’s the difference visibility makes—like your hives are right next door.

It’s also about the big picture, which includes the land and people involved. Businesses like Ruge Honey can share the information among their different stakeholders, building trust, and a body of beekeeping knowledge which can be used to create connections beyond the beehive. Another of our customers, The True Honey Co., shares their information on a daily basis with their landowners, creating mutual trust in the context of highly sought-after land.

At the end of the day it’s what you make of it. Whether you’re looking for thousands of dollars of additional profit for every site, healthier bees, or the well-being of your organisation, your Hivemind data provides actionable insights, and helps you make informed decisions.
In case it wasn’t obvious, you’re in business. Of course it’s not all about the money, but if the bank doesn’t balance, neither will the well-being of your operation. We’re not here to sell you a useless gadget, so let’s check how it works for you.

When was the last time you were a few days late for a full crop or a good honey flow? That’s a few thousand dollars right there that a monitored yard or spotter hive could have earned you.

### Doing the math

The figures below are based on a typical operation. You can try your own numbers online at hivemind.co.nz/yield

<table>
<thead>
<tr>
<th>Scenario 1</th>
<th>Scenario 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Migratory bush honey</td>
<td>You!</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Scenario 1</th>
<th>Scenario 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hives per monitored area</td>
<td>110</td>
<td></td>
</tr>
<tr>
<td>Honey per week produced by a hive at peak</td>
<td>7 kg</td>
<td></td>
</tr>
<tr>
<td>Price of honey per kg</td>
<td>$4</td>
<td>3 (times late by a week) + 6 (late by a couple days) × 0.3</td>
</tr>
<tr>
<td>Weeks per year you’re early/late</td>
<td>4.7</td>
<td>4.7 weeks</td>
</tr>
<tr>
<td>Sites monitored</td>
<td>× 3</td>
<td></td>
</tr>
<tr>
<td>Subtotal (lost honey value)</td>
<td>$46,428</td>
<td></td>
</tr>
<tr>
<td>Cost of 3 site trips × 3 sites (travel, labour, etc)</td>
<td>+ $9000</td>
<td>$1000 per visit per site</td>
</tr>
<tr>
<td><strong>Yield boost:</strong></td>
<td><strong>$55,428/yr</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Compare your costs:**

- $2665 × 3 systems
- $50/mo × 3 × 12 months
- $7995 + $1800/yr for 3 sites

---

Distributed locally by NT Bees

To order, or for more information, contact: ntbees@gmail.com 04 3717 9261

For product details visit hivemind.co.nz

Exceptional hive weight & performance monitoring