INFINITE GREEN

POLLINATOR 365

Protect pollinators. Sustain plants. Secure the food chain.

A year-round nutrition system built to help colonies enter pollination stronger — when nature cannot provide enough.



Pollination is living infrastructure.

Colony strength is not only a beekeeping issue — it supports plants, biodiversity, national agriculture and the food chain.

>75%

of leading global food crop types rely to some extent on animal pollination

~90%

of wild flowering plant species depend at least in part on animal pollination

35%

of global crop production volume comes from pollinator-dependent crops



OUR MISSION

Build colony readiness for the moment pollination matters.

Source: IPBES global assessment on pollinators and food production (2016)



The real risk is nutritional discontinuity.

The bee has not weakened. The operating environment has become less predictable.

01	**Shorter bloom windows**	Forage can disappear before the colony completes its build-up.
02	**Shifted flowering**	Early or delayed bloom breaks traditional feeding calendars.
03	**Hotter extremes**	Heat and drought intensify energy and hydration pressure.
04	**Persistent stress**	Pathogens and seasonal nutrition gaps can overlap.

CLIMATE IS OUTSIDE OUR CONTROL.

NUTRITION IS NOT.

We treated nutritional discontinuity as a research problem — not simply a missing product.

01

RESEARCH

Study the nutritional logic of nectar, pollen and bee bread.

02

FORMULATION

Translate biological needs into practical, ready-to-use nutrition.

03

FIELD LEARNING

Measure colony response and improve through real apiary conditions.

The market offered components.
The colony needed coordination.

At the start of our research, we mapped the main solution categories — and the biological gaps that still remained.

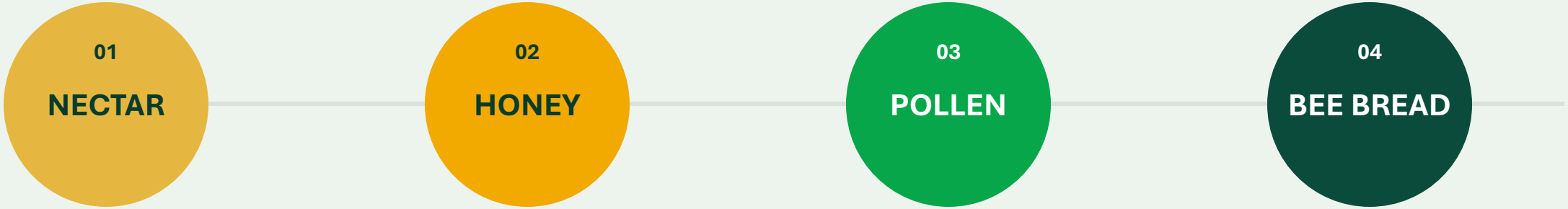
SOLUTION CATEGORY	TYPICAL MARKET FOCUS	WHAT THE COLONY STILL NEEDED
Energy feeds	Calories, consumption and handling	Continuity with the other nutritional layers
Protein patties	Often compared mainly by crude protein percentage	Digestibility, fats, sterols, micronutrients and timing
Botanical additives	Selected plant-origin compounds	Integration into a coherent feeding program

OUR R&D QUESTION

How can nutrition work as one continuous biological system — while remaining practical for the beekeeper?

We did not begin with protein.
We began with nature.

Nectar, honey, pollen and bee bread work as a connected nutritional system. Protein is essential — but it is only one part.



Immediate carbohydrate flow

Stored energy and continuity

Protein, fats and micronutrients

Stored and biologically transformed pollen

THE LESSON FROM NATURE: RESILIENCE COMES FROM BALANCE + CONTINUITY

Nature’s system gave birth to a year-round idea.

When forage becomes discontinuous, the feeding logic must remain continuous.

ENERGY CONTINUITY	Accessible carbohydrates when natural flow is limited
BOTANICAL BREADTH	Plant-origin compounds integrated into the feeding logic
DEVELOPMENTAL NUTRITION	Broader nutrition for brood and population renewal

365

DAYS OF COLONY READINESS

A system concept — before it became a product series.



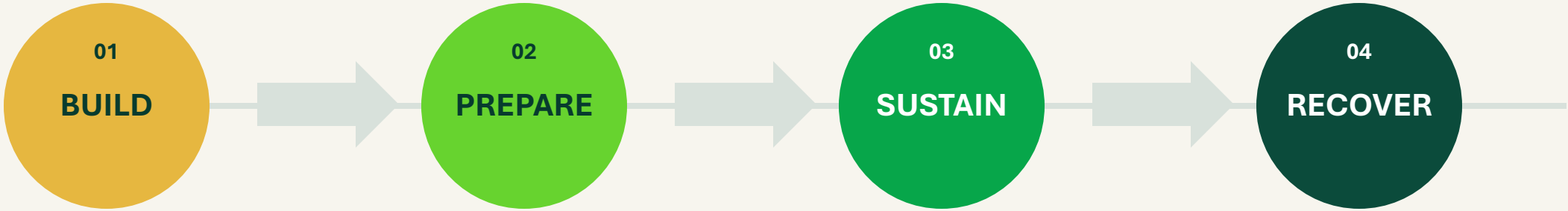
Before revealing products, we tested the principle.

Internal trials focused on colony response, usability and repeatability — while formulations remained confidential.

01	**FORMULATE**	Build nutritional layers around biological function.
02	**VERIFY**	Control inputs and relevant quality parameters.
03	**TEST**	Observe colony response under apiary conditions.
04	**IMPROVE**	Refine the system before wider market exposure.

Hive resilience begins with continuous, high-quality nutrition.

As complete as science and field practice currently allow — delivered before visible weakness becomes a crisis.



READINESS IS BUILT BEFORE BLOOM

The system must work for the bee first.

Every decision is tested against bee welfare, practical use and maximum realistic biological availability.

01	**BEE COMFORT**	Easy access and minimal unnecessary disturbance
02	**BIOLOGICAL AVAILABILITY**	Nutrition designed to be usable, not only present on a label
03	**FIELD PRACTICALITY**	Repeatable handling for professional apiary work
04	**SCIENTIFIC RESTRAINT**	Measure response and avoid promises beyond the evidence



The beekeeper needs confidence — not more complexity.

The purpose of our work is a practical tool that helps the beekeeper enter pollination season with stronger colonies and a clearer management plan.

01

ENTER STRONGER

Build brood and worker population before the crop reaches bloom.

02

ACT EARLIER

Support the colony through gaps instead of waiting for visible decline.

03

WORK PRACTICALLY

Use a repeatable system that fits real apiary routines and decisions.

THE PRODUCT IS THE TOOL. POLLINATION READINESS IS THE VALUE.

INFINITE GREEN

When the principle was ready, we revealed the solution.

A coordinated series developed to help the colony build, prepare, sustain and recover across the year.

POLLINATOR

365

Designed for bee biology. Built for beekeeper reality. Focused on pollination readiness.

THE POLLINATOR 365 SERIES

Three coordinated layers.
One year-round system.

Each layer answers a different nutritional gap. Together they create a practical framework for colony readiness.

01	ENERGY LAYER	JERRY'S SYRUP	Fully inverted, ready-to-use carbohydrates
02	BOTANICAL LAYER	JERRY'S BEES FORTE	Plant-origin compounds within the feeding program
03	DEVELOPMENT LAYER	JERRY'S FONDA FORTE	Protein-rich, broad developmental nutrition

NOT THREE UNRELATED PRODUCTS — ONE PHYSIOLOGICAL FEEDING SYSTEM





ENERGY FOUNDATION

Jerry's Syrup: ready-to-use inverted energy.

A fully inverted sugar feed developed for accessible carbohydrates, consistent handling and reliable integration into professional feeding programs.

READY TO USE

Reduces preparation time and supports repeatable field practice.

FULLY INVERTED

Designed as an accessible carbohydrate source for the colony.

SYSTEM ROLE

Provides the energy base for the broader Pollinator 365 program.

Bees Forte extends feeding beyond calories.

An aqueous botanical formulation developed to complement the feeding program with multiple families of plant-origin compounds.

PHYTOCHEMICAL FAMILIES

- POLYPHENOLS
- TANNINS
- SAPONINS
- STEROLS
- GLYCOSIDES
- ALKALOIDS

The formulation rationale describes intended nutritional and botanical support; specific outcomes depend on dose, season, colony condition and protocol.



BOTANICAL SUPPORT

Designed to complement the wider feeding system.

Broad developmental nutrition in one ready-to-use patty.

Jerry's Fonda Forte brings together complementary nutrient groups studied in pollen and bee bread.

20%

PROTEIN-RICH

Formulated for brood development and population renewal within a professional feeding plan.

- **Essential fats**
- **Probiotics**
- **Omega 3 + 6**
- **Vitamins + minerals**
- **Antioxidants**
- **Sterols + phytosterols**



Inspired by the nutritional logic of pollen and bee bread — not presented as identical to natural nutrition.

Field validation compared three feeding strategies.

Northern Kinneret · Beteiha Valley · six-week feeding period · repeated colony observations

CONTROL

No supplemental feeding

POLLEN PASTE

Conventional comparison diet

FONDA FORTE

Broad developmental nutrition

OBSERVATION TIMELINE



WEEK 0
Baseline

+2 WEEKS
Response

+4 WEEKS
Continuity

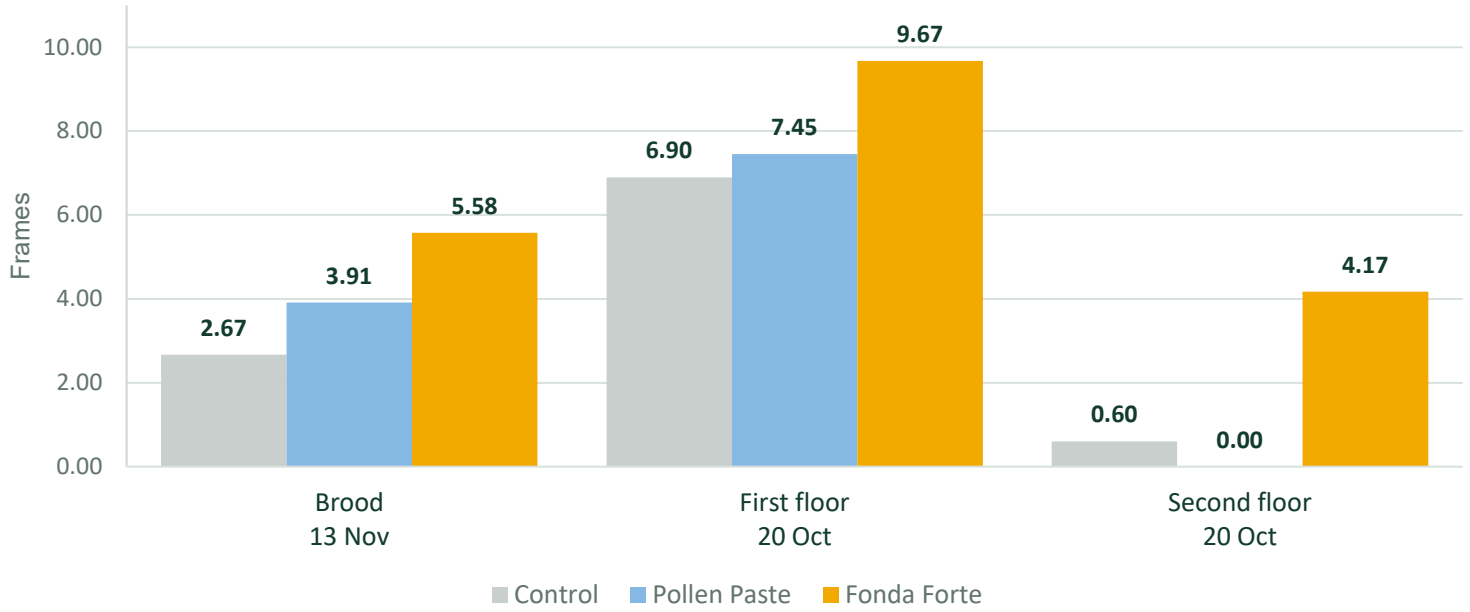
+6 WEEKS
End of feeding

+1 MONTH
Post-feeding

The comparison is presented descriptively; interpretation should remain within the supplied protocol and measurement record.

Fonda Forte retained the highest recorded frame counts.

Final available observations across brood and bee-population measurements



5.58
Brood frames · 13 Nov
2.67 Control · 3.91 Pollen Paste

9.67
First floor · 20 Oct
6.90 Control · 7.45 Pollen Paste

4.17
Second floor · 20 Oct
0.60 Control · 0.00 Pollen Paste

Descriptive results from the supplied Ministry experiment file; not presented as proof of statistical superiority.

The colony must be ready before the crop blooms.

Continuity — not a one-time intervention — turns feeding into a more reliable colony response.

BEFORE POLLINATION

- Support queen laying and brood build-up
- Build worker population and natural reserves
- Start before visible weakening

DURING POLLINATION

- Maintain feeding continuity when forage is poor
- Sustain brood rearing and field activity
- Adapt quantity to colony condition

AFTER STRESS + SPLITS

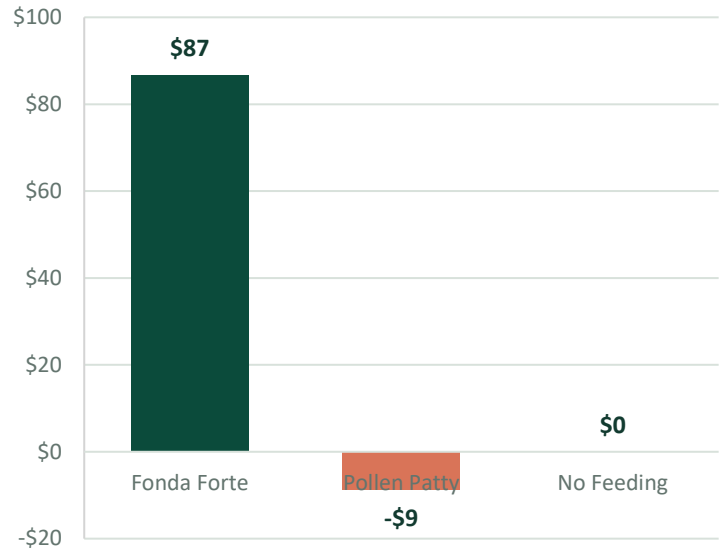
- Support recovery after demanding periods
- Strengthen nucs and divided colonies
- Prepare for the next biological cycle

STRONGER COLONIES · MORE CONSISTENT POLLINATION

This is an investment, not a purchase.

Illustrative field economics show how colony development can change the value of a feeding decision.

Metric	Fonda Forte	Pollen Patty	No Feeding
6-week feeding cost	**$12.01**	$45.03	$0
Brood frames	**5.58**	3.91	2.67
Net profit / colony	**$86.72**	-$8.67	$0
Cost / brood frame	**$4.14**	$36.29	—



Use local feed prices, brood-frame value and operational costs to recalculate the business case for each market.

INFINITE GREEN

The pollinator sustains national agriculture. We must give it new tools.

Pollinators face environmental disruptions they did not create. Our responsibility is to help colonies pass through them and arrive ready for bloom.

LET'S BUILD POLLINATION READINESS

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