

5 and a half months

FIELD NOTE // TIP GROWTH

[Day 3 | 06:40]

The network advances only at its edges.

This appears consistent across samples.

We continue to search for a center.

Hyphal tips extend one micron at a time, releasing enzymes ahead of contact.

Digest, then adjust.

Not decision.

Feedback.

That distinction remains important.

[Day 11 | 19:10]

Water delivery remains within tolerance.

Unexpected gradients persist.

Nutrients paired with inhibitors.

Moisture applied, then withdrawn on schedule.

The fungus follows the gradients exactly as written.

The gradients do not agree with themselves.

[Day 27 | 07:55]

Branching increases where directives conflict:

fertilize / sterilize

irrigate / drain

Growth slows where consistency appears.

We interpret this as avoidance.

Confidence level: high.

[Day 46 | 22:30]

Density increasing beneath zones of repeated correction.

Pipelines.

Retention ponds.

Foundations retrofitted twice.

The soil compresses signals into chemistry.

The fungus translates chemistry into structure.

No memory detected.

This statement remains accurate.

[Day 71 | 05:20]

Enzyme activity elevated in managed areas.

Dormant elsewhere.

**When irrigation cycles were altered to interrupt growth, hyphal tips shortened—
thicker, closer together.**

Overall reach decreased.

Efficiency increased.

We revise terminology.

“Spread” no longer applies.

Use: *refinement*.

[Day 103 | 18:05]

Repeated movement toward unstable zones observed.

Reinforcement follows.

Hypothesis: instability provides persistent gradients.

Note: persistence may be sufficient.

[Day 141 | 06:00]

No evidence of awareness.

No centralized coordination.

No deviation from established fungal behavior.

This is reassuring.

[Day 168 | 23:40]

Reviewing earlier assumptions.

The fungus does not misinterpret our systems.

It does not resist them.

It follows them precisely.

[Day 169 | 00:15]

This entry was not scheduled.

**The distinction between feedback and decision
may be less operational than assumed.**

Flag for follow-up.

[Day 170 | —]

Entry missing.

// scifipi log // archived