

# Screening and Storage Feedstock Balance Worksheet - Discourage Pests

Screening and Storage | Discourage Pests | Asset ID COMP-22-02-04

**Purpose:** This original printable feedstock balance worksheet helps home composters, gardeners, schools and community projects work with screening and storage while pursuing one defined outcome: remove access and attraction without unsafe improvisation. Its method is to identify material role, prepare it, add a modest amount and observe the response. Use the pages as a working record, not as a substitute for local accepted-material rules, current safety guidance and qualified horticultural or environmental advice where those are needed.

## Resource Map

The subject focus is to separate oversized material and keep mature compost protected until use. The six working areas below define the scope for this specific resource. Complete only the rows that matter to the present observation cycle, and date any observation that may change.

| # | Working area            | Current evidence                | Next check |
|---|-------------------------|---------------------------------|------------|
| 1 | Screen Size             | Known / estimated / not checked | _____      |
| 2 | Overs Fraction          | Known / estimated / not checked | _____      |
| 3 | Storage Cover           | Known / estimated / not checked | _____      |
| 4 | Air Exchange            | Known / estimated / not checked | _____      |
| 5 | Moisture During Storage | Known / estimated / not checked | _____      |
| 6 | Batch Label             | Known / estimated / not checked | _____      |

## Decision Quality Starting Brief

- Read: Which evidence separates screen size from overs fraction in this case? Read the context and identify the decision that is actually due.
- List: How does storage cover change the interpretation of air exchange? List realistic options, including pause or escalation.
- Weigh: What boundary on moisture during storage must be checked before relying on batch label? Weigh evidence, consequence and uncertainty.
- Choose: Which observation links overs fraction to moisture during storage, and what remains uncertain? Choose within the stated authority and boundary.
- Observe: What alternative explanation could account for both air exchange and screen size? Observe the immediate consequence without rewriting the rationale.
- Edition success means: document the entry point, correction and follow-up result

## Feedstock Balance Worksheet

This format is designed to document each addition and correct visible imbalance with evidence. For screening and storage, apply the method in a deliberate sequence: identify material role, prepare it, add a modest amount and observe the response. The edition target is discourage pests, so each entry should show what was noticed, what was tried and what changed.

| Working step                    | What to record                                                                                 | Evidence or source     | Status         |
|---------------------------------|------------------------------------------------------------------------------------------------|------------------------|----------------|
| Read Screen Size                | Which evidence separates screen size from overs fraction in this case?                         | Decision point / date  | Open / checked |
| List Overs Fraction             | How does storage cover change the interpretation of air exchange?                              | Options / date         | Open / checked |
| Weigh Storage Cover             | What boundary on moisture during storage must be checked before relying on batch label?        | Trade-off / date       | Open / checked |
| Choose Air Exchange             | Which observation links overs fraction to moisture during storage, and what remains uncertain? | Choice / date          | Open / checked |
| Observe Moisture During Storage | What alternative explanation could account for both air exchange and screen size?              | Outcome / date         | Open / checked |
| Explain Batch Label             | What next check on batch label would make the record about storage cover more useful?          | Decision review / date | Open / checked |

### Completion Standard

- Keep the work tied to screening and storage, not to a vague general intention.
- Apply this adjustment: secure the system, exclude unsuitable inputs and follow local guidance
- Was the choice reasonable from the information available at the decision point?
- Expose this outcome risk if it appears: the outcome rewrites the original rationale.
- Use original notes and explanations; quote only when necessary, lawful and properly attributed.
- Ask a experienced composter, horticulture professional or local authority contact to challenge one material assumption where appropriate.
- Close with one decision and one follow-up rather than an unranked list of ideas.

### Working Note

Edition COMP-22-02-04 pairs feedstock balance worksheet with the outcome 'Discourage Pests'. That pairing is the boundary for this workbook: material that does not help that outcome belongs in a separate record.

## Evidence x Decision Quality Focused Practice Lab

This lab pairs a evidence method with a decision quality outcome lens. Work through the six actions to turn the subject focus - separate oversized material and keep mature compost protected until use - into evidence for discourage pests. Preserve any gap that prevents a supported conclusion.

| # | Action                                 | Constraint                                                                                                                                           | Record                         |
|---|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 1 | Collect / Read moisture during storage | Which evidence separates screen size from overs fraction in this case? Read the context and identify the decision that is actually due.              | Evidence list / Decision point |
| 2 | Classify / List batch label            | How does storage cover change the interpretation of air exchange? List realistic options, including pause or escalation.                             | Source / Options               |
| 3 | Trace / Weigh screen size              | What boundary on moisture during storage must be checked before relying on batch label? Weigh evidence, consequence and uncertainty.                 | Trace / Trade-off              |
| 4 | Verify / Choose overs fraction         | Which observation links overs fraction to moisture during storage, and what remains uncertain? Choose within the stated authority and boundary.      | Verification / Choice          |
| 5 | Reconcile / Observe storage cover      | What alternative explanation could account for both air exchange and screen size? Observe the immediate consequence without rewriting the rationale. | Exception / Outcome            |
| 6 | Approve / Explain air exchange         | What next check on batch label would make the record about storage cover more useful? Explain whether the choice should be repeated or revised.      | Sign-off / Decision review     |

### Common Failure Modes

- For moisture during storage, watch for the source has no date together with the wrong decision is framed.
- For batch label, watch for the evidence is second-hand together with a realistic option is omitted.
- For screen size, watch for two records disagree together with confidence is mistaken for evidence.
- For overs fraction, watch for a value lacks units together with authority or safety limits are crossed.
- For storage cover, watch for the context has changed together with the outcome rewrites the original rationale.

### Independent Review Question

Format question: Which source is strongest for this decision, and what limitation remains? Outcome question: Was the choice reasonable from the information available at the decision point? Ask a experienced composter, horticulture professional or local authority contact where appropriate, then answer before the next observation cycle: \_\_\_\_\_

## Compost Observation Plan for Discourage Pests

Use one defined observation cycle to test the outcome rather than attempting every possible task. This edition pairs evidence with decision quality to pursue this objective: remove access and attraction without unsafe improvisation. Preserve the starting condition and both evidence trails.

| Plan field               | Entry                                                                  |
|--------------------------|------------------------------------------------------------------------|
| Purpose                  | Discourage Pests                                                       |
| Starting condition       | _____                                                                  |
| Chosen working area      | _____                                                                  |
| Choice                   | secure the system, exclude unsuitable inputs and follow local guidance |
| Evidence to capture      | _____                                                                  |
| Stop or review condition | _____                                                                  |

### Observation and Follow-up Cycle

| Stage        | Action                                                                                                                                 | Evidence                       |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Start        | Which evidence separates screen size from overs fraction in this case? Identify the evidence required.                                 | Evidence list / Decision point |
| First action | How does storage cover change the interpretation of air exchange? Collect one traceable record.                                        | Source / Options               |
| Next check   | What boundary on moisture during storage must be checked before relying on batch label? Label its date, owner and context.             | Trace / Trade-off              |
| Follow-up    | Which observation links overs fraction to moisture during storage, and what remains uncertain? Cross-check the material independently. | Verification / Choice          |
| Trend review | What alternative explanation could account for both air exchange and screen size? Resolve or expose one gap.                           | Exception / Outcome            |
| Close-out    | What next check on batch label would make the record about storage cover more useful? Record the supported conclusion.                 | Sign-off / Decision review     |

### Evidence Record Log

| Evidence Record | Condition      | Observation | Decision              |
|-----------------|----------------|-------------|-----------------------|
| 1               | Same / changed | _____       | Keep / change / check |
| 2               | Same / changed | _____       | Keep / change / check |
| 3               | Same / changed | _____       | Keep / change / check |
| 4               | Same / changed | _____       | Keep / change / check |
| 5               | Same / changed | _____       | Keep / change / check |

## Source and Evidence Reconciliation - Decision Quality Lens

This comparison tests screening and storage against discourage pests through two independent questions. Format: Which source is strongest for this decision, and what limitation remains? Outcome: Was the choice reasonable from the information available at the decision point? Record material setting differences instead of averaging them away.

| Evidence area           | Baseline | Alternative | Interpretation prompt                                                                          |
|-------------------------|----------|-------------|------------------------------------------------------------------------------------------------|
| Storage Cover           | _____    | _____       | Which evidence separates screen size from overs fraction in this case?                         |
| Air Exchange            | _____    | _____       | How does storage cover change the interpretation of air exchange?                              |
| Moisture During Storage | _____    | _____       | What boundary on moisture during storage must be checked before relying on batch label?        |
| Batch Label             | _____    | _____       | Which observation links overs fraction to moisture during storage, and what remains uncertain? |
| Screen Size             | _____    | _____       | What alternative explanation could account for both air exchange and screen size?              |
| Overs Fraction          | _____    | _____       | What next check on batch label would make the record about storage cover more useful?          |

### Format Decision Test

| Field                          | Record                                                                          |
|--------------------------------|---------------------------------------------------------------------------------|
| Review question                | Which source is strongest for this decision, and what limitation remains?       |
| Outcome question               | Was the choice reasonable from the information available at the decision point? |
| Acceptance lens                | document the entry point, correction and follow-up result                       |
| Conditions held steady         | _____                                                                           |
| Evidence supporting the choice | _____                                                                           |
| Evidence against the choice    | _____                                                                           |

### Evidence Confidence Check

- Decision point: what was actually seen, heard, measured or read?
- Format evidence: which record best demonstrates exceptions resolved?
- Outcome evidence: which record best demonstrates consequences observed?
- Challenge: could confidence is mistaken for evidence explain the result?
- Subject boundary: what does this comparison leave unresolved about screen size?

## Evidence x Decision Quality Scenario Cards

Use these paired scenarios to rehearse judgement for discourage pests. Each card joins a evidence failure mode to an outcome-specific risk. State what remains open and which evidence named in the final column should be collected next.

| # | Situation                                      | Review question                                                                                | Decision        |
|---|------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------|
| 1 | Screen Size: the context has changed.          | Which evidence separates screen size from overs fraction in this case?                         | Decision point  |
| 2 | Overs Fraction: approval is missing.           | How does storage cover change the interpretation of air exchange?                              | Options         |
| 3 | Storage Cover: the source has no date.         | What boundary on moisture during storage must be checked before relying on batch label?        | Trade-off       |
| 4 | Air Exchange: the evidence is second-hand.     | Which observation links overs fraction to moisture during storage, and what remains uncertain? | Choice          |
| 5 | Moisture During Storage: two records disagree. | What alternative explanation could account for both air exchange and screen size?              | Outcome         |
| 6 | Batch Label: a value lacks units.              | What next check on batch label would make the record about storage cover more useful?          | Decision review |

## Decision Record

| Field                  | Notes                                                                           |
|------------------------|---------------------------------------------------------------------------------|
| Chosen format scenario | _____                                                                           |
| Outcome lens           | Was the choice reasonable from the information available at the decision point? |
| Evidence available     | _____                                                                           |
| Evidence missing       | _____                                                                           |
| Controlled next step   | _____                                                                           |
| Person / review date   | _____                                                                           |

## Eight Evidence and Decision Quality Evidence Tracker

Track discourage pests across eight observation checks using the evidence method and the decision quality outcome lens. Keep conditions visible and use this review question: Was the choice reasonable from the information available at the decision point?

| # | Focus                   | Condition | Result | Next action |
|---|-------------------------|-----------|--------|-------------|
| 1 | Air Exchange            | _____     | _____  | _____       |
| 2 | Moisture During Storage | _____     | _____  | _____       |
| 3 | Batch Label             | _____     | _____  | _____       |
| 4 | Screen Size             | _____     | _____  | _____       |
| 5 | Overs Fraction          | _____     | _____  | _____       |
| 6 | Storage Cover           | _____     | _____  | _____       |
| 7 | Air Exchange            | _____     | _____  | _____       |
| 8 | Moisture During Storage | _____     | _____  | _____       |

### Evidence Evidence Dashboard

| Measure                                                              | Baseline | Current | Evidence location |
|----------------------------------------------------------------------|----------|---------|-------------------|
| Screen Size: Sources Identified / Decision Points Framed             | _____    | _____   | _____             |
| Overs Fraction: Dates Captured / Options Listed                      | _____    | _____   | _____             |
| Storage Cover: Records Traced / Trade-Offs Recorded                  | _____    | _____   | _____             |
| Air Exchange: Cross-Checks Completed / Bounded Choices Made          | _____    | _____   | _____             |
| Moisture During Storage: Exceptions Resolved / Consequences Observed | _____    | _____   | _____             |
| Batch Label: Conclusions Supported / Decisions Explained             | _____    | _____   | _____             |

### Interpret the Trend

- I preserved the information and reasoning available when the decision was made.
- I judged the process separately from whether the outcome happened to be favourable.
- Keep the method only when the evidence for discourage pests improves without hiding confidence is mistaken for evidence.
- What alternative explanation could account for both air exchange and screen size?
- Use a experienced composter, horticulture professional or local authority contact when the evidence crosses a safety, rights, health or authority boundary.

## Evidence x Decision Quality Next Step Plan

Finish by turning the paired format and outcome record into one owned action. For this feedstock balance worksheet, the intended result was discourage pests; the outcome test is: Was the choice reasonable from the information available at the decision point? The close-out standard remains: document the entry point, correction and follow-up result.

| Close-out field      | Record                             |
|----------------------|------------------------------------|
| Most useful evidence | _____                              |
| Important limitation | _____                              |
| Decision             | Keep / adapt / pause / seek review |
| Next action          | _____                              |
| Owner and date       | _____                              |
| Evidence location    | _____                              |

### Completion Review

- Subject check: Which evidence separates screen size from overs fraction in this case?
- Subject check: How does storage cover change the interpretation of air exchange?
- Format check: I linked each conclusion to a dated, traceable source.
- Outcome check: I preserved the information and reasoning available when the decision was made.
- I recorded weather, recent inputs and the time between observation and follow-up.
- I made no sanitation, pathogen-destruction or crop-safety claim from temperature alone.

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