

# THE BEEKEEPER'S FIELD LOG



*A Complete Record of Hive Activity,  
Harvests & Seasonal Observations*



Beekeeper Name: \_\_\_\_\_

Apiary Location: \_\_\_\_\_

Season / Year: \_\_\_\_\_

Hive Identifier: \_\_\_\_\_

*Speared Apiaries*

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*The Field Naturalist · Speared Apiaries*

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# HIVE INSPECTION LOG

The Field Naturalist · Speared Apiaries

Date: \_\_\_\_\_ Hive ID: \_\_\_\_\_ Inspector: \_\_\_\_\_ Temp °F: \_\_\_\_\_ Weather: \_\_\_\_\_  
Time In: \_\_\_\_\_ Time Out: \_\_\_\_\_ Hive Weight (lbs): \_\_\_\_\_ Hive #: \_\_\_\_\_

## HIVE HEALTH ASSESSMENT

Queen Spotted?  Yes  No  Unsure      Queen Cells Present?  Yes  No      Brood Pattern  Solid  Spotty  Empty  
Eggs Visible?  Yes  No      Larvae Present?  Yes  No      Capped Brood?  Yes  No

## POPULATION & STORES

Bee Population:  Low  Medium  High  Very High      Temperament:  Calm  Moderate  Defensive  Aggressive  
Honey Stores:  Low  Adequate  Good  Excellent      Pollen Stores:  Low  Adequate  Good

## VARROA MITE CHECK

Method:  Alcohol Wash       Sugar Roll       Sticky Board       Not Checked

Mites per 100 bees: \_\_\_\_\_ Action taken: \_\_\_\_\_

## HIVE BODY & EQUIPMENT

Supers on hive: \_\_\_\_\_ Frames of honey: \_\_\_\_\_ Frames of brood: \_\_\_\_\_ Empty frames: \_\_\_\_\_

Equipment issues noted: \_\_\_\_\_

## NOTES & OBSERVATIONS

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## NEXT STEPS & ACTIONS REQUIRED

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Overall Hive Rating:  Poor       Fair       Good       Excellent       Outstanding

# HIVE INSPECTION LOG

The Field Naturalist · Speared Apiaries

Date: \_\_\_\_\_ Hive ID: \_\_\_\_\_ Inspector: \_\_\_\_\_ Temp °F: \_\_\_\_\_ Weather: \_\_\_\_\_

Time In: \_\_\_\_\_ Time Out: \_\_\_\_\_ Hive Weight (lbs): \_\_\_\_\_ Hive #: \_\_\_\_\_

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Mites per 100 bees: \_\_\_\_\_ Action taken: \_\_\_\_\_

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Supers on hive: \_\_\_\_\_ Frames of honey: \_\_\_\_\_ Frames of brood: \_\_\_\_\_ Empty frames: \_\_\_\_\_

Equipment issues noted: \_\_\_\_\_

## NOTES & OBSERVATIONS

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## NEXT STEPS & ACTIONS REQUIRED

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Supers on hive: \_\_\_\_\_ Frames of honey: \_\_\_\_\_ Frames of brood: \_\_\_\_\_ Empty frames: \_\_\_\_\_

Equipment issues noted: \_\_\_\_\_

## NOTES & OBSERVATIONS

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## NEXT STEPS & ACTIONS REQUIRED

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The Field Naturalist · Speared Apiaries

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Time In: \_\_\_\_\_ Time Out: \_\_\_\_\_ Hive Weight (lbs): \_\_\_\_\_ Hive #: \_\_\_\_\_

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Supers on hive: \_\_\_\_\_ Frames of honey: \_\_\_\_\_ Frames of brood: \_\_\_\_\_ Empty frames: \_\_\_\_\_

Equipment issues noted: \_\_\_\_\_

## NOTES & OBSERVATIONS

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## NEXT STEPS & ACTIONS REQUIRED

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Time In: \_\_\_\_\_ Time Out: \_\_\_\_\_ Hive Weight (lbs): \_\_\_\_\_ Hive #: \_\_\_\_\_

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Equipment issues noted: \_\_\_\_\_

## NOTES & OBSERVATIONS

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## NEXT STEPS & ACTIONS REQUIRED

- \_\_\_\_\_
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Time In: \_\_\_\_\_ Time Out: \_\_\_\_\_ Hive Weight (lbs): \_\_\_\_\_ Hive #: \_\_\_\_\_

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## NOTES & OBSERVATIONS

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## NEXT STEPS & ACTIONS REQUIRED

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Overall Hive Rating:  Poor       Fair       Good       Excellent       Outstanding

Harvest Date: \_\_\_\_\_ Hive(s): \_\_\_\_\_ Extractor Type: \_\_\_\_\_

## SUPER DETAILS

Super #	Frames	Capped %	Weight Before	Weight After	Net Yield	Honey Type	Notes
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

## YIELD SUMMARY

Total Frames Extracted: \_\_\_\_\_ Total Gross Weight (lbs): \_\_\_\_\_ Total Net Yield: \_\_\_\_\_

Honey Color (Pfund Scale):  Water White  Extra White  White  Extra Light Amber  Light Amber  Amber  Dark Amber

Moisture %: \_\_\_\_\_ Brix: \_\_\_\_\_ Extraction Temp (°F): \_\_\_\_\_ Honey pH: \_\_\_\_\_

## PROCESSING & STORAGE

Filtering method:  Coarse strainer  Fine mesh  Double filter  Unfiltered

Storage containers: \_\_\_\_\_ Storage location: \_\_\_\_\_

Bottling date: \_\_\_\_\_ Batch label #: \_\_\_\_\_ Jars filled: \_\_\_\_\_ Jar size(s): \_\_\_\_\_

## TASTING NOTES

Floral source(s): \_\_\_\_\_

Aroma: \_\_\_\_\_

Flavor profile: \_\_\_\_\_

Crystallization rate:  Fast (<1mo)  Medium (1-3mo)  Slow (>3mo)  Stays liquid

# HONEY HARVEST RECORD

The Field Naturalist · Speared Apiaries

Harvest Date: \_\_\_\_\_ Hive(s): \_\_\_\_\_ Extractor Type: \_\_\_\_\_

## SUPER DETAILS

Super #	Frames	Capped %	Weight Before	Weight After	Net Yield	Honey Type	Notes
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

## YIELD SUMMARY

Total Frames Extracted: \_\_\_\_\_ Total Gross Weight (lbs): \_\_\_\_\_ Total Net Yield: \_\_\_\_\_

Honey Color (Pfund Scale):  Water White  Extra White  White  Extra Light Amber  Light Amber  Amber  Dark Amber

Moisture %: \_\_\_\_\_ Brix: \_\_\_\_\_ Extraction Temp (°F): \_\_\_\_\_ Honey pH: \_\_\_\_\_

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Filtering method:  Coarse strainer  Fine mesh  Double filter  Unfiltered

Storage containers: \_\_\_\_\_ Storage location: \_\_\_\_\_

Bottling date: \_\_\_\_\_ Batch label #: \_\_\_\_\_ Jars filled: \_\_\_\_\_ Jar size(s): \_\_\_\_\_

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_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

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Aroma: \_\_\_\_\_

Flavor profile: \_\_\_\_\_

Crystallization rate:  Fast (<1mo)  Medium (1-3mo)  Slow (>3mo)  Stays liquid

# QUEEN ACTIVITY & BREEDING NOTES

Date: \_\_\_\_\_ Hive ID: \_\_\_\_\_ Queen ID/Tag: \_\_\_\_\_ Year Marked: \_\_\_\_\_

## QUEEN STATUS

**Queen seen?**  Yes – laying  Yes – not laying  No – suspected present  Not found  
**Marking color:**  White (Yrs ending 1,6)  Yellow (Yrs ending 2,7)  Red (Yrs ending 3,8)  Green (Yrs ending 4,9)  Blue (Yrs ending 0,5)  
**Queen age (years):** \_\_\_\_\_ **Laying pattern:**  Solid  Good  Spotty  Very Spotty  None

## QUEEN CELLS

**Queen cells found?**  None  Swarm cells (bottom of frame)  Supersedure cells (middle/top)  Emergency cells  
**# of cells:** \_\_\_\_\_ **Cell stage:**  Eggs  Young larvae  Capped  Emerged  
**Action taken:**  Left in place  Removed  Used for split  Used for raise

## REQUEENING RECORD

**Old queen removed?**  Yes  No **New queen source:**  Raised in-hive  Purchased  Split  
**Introduction method:**  Candy plug cage  Direct release  Push-in cage  Newspaper  
**Introduction date:** \_\_\_\_\_ **Acceptance check date:** \_\_\_\_\_ **First eggs seen:** \_\_\_\_\_

## GENETIC TRAITS OBSERVED

**Honey production**   
1 = Low 5 = High

**Gentleness**   
1 = Low 5 = High

**Swarm tendency**   
1 = Low 5 = High

**Disease resistance**   
1 = Low 5 = High

## NOTES

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# QUEEN ACTIVITY & BREEDING NOTES

Date: \_\_\_\_\_ Hive ID: \_\_\_\_\_ Queen ID/Tag: \_\_\_\_\_ Year Marked: \_\_\_\_\_

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**Swarm tendency**   
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**Disease resistance**   
1 = Low 5 = High

## NOTES

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Date: \_\_\_\_\_ Hive ID: \_\_\_\_\_ Queen ID/Tag: \_\_\_\_\_ Year Marked: \_\_\_\_\_

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**Introduction date:** \_\_\_\_\_ **Acceptance check date:** \_\_\_\_\_ **First eggs seen:** \_\_\_\_\_

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**Honey production**       
1 = Low 5 = High

**Gentleness**       
1 = Low 5 = High

**Swarm tendency**       
1 = Low 5 = High

**Disease resistance**       
1 = Low 5 = High

## NOTES

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### Entry 1

**Date:** \_\_\_\_\_ **Source Hive:** \_\_\_\_\_ **Type:**  Prime swarm  Cast swarm  Planned split

**Swarm size:**  Small  Medium  Large  Very Large **Cluster height:** \_\_\_\_\_

**Captured?**  Yes  No **Placed in:** \_\_\_\_\_ **Installed date:** \_\_\_\_\_ **Queen status:** \_\_\_\_\_

**Prevention steps taken:**  Added space  Removed queen cells  Reversed boxes  Split hive  None

**Notes:**

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### Entry 2

**Date:** \_\_\_\_\_ **Source Hive:** \_\_\_\_\_ **Type:**  Prime swarm  Cast swarm  Planned split

**Swarm size:**  Small  Medium  Large  Very Large **Cluster height:** \_\_\_\_\_

**Captured?**  Yes  No **Placed in:** \_\_\_\_\_ **Installed date:** \_\_\_\_\_ **Queen status:** \_\_\_\_\_

**Prevention steps taken:**  Added space  Removed queen cells  Reversed boxes  Split hive  None

**Notes:**

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### Entry 3

**Date:** \_\_\_\_\_ **Source Hive:** \_\_\_\_\_ **Type:**  Prime swarm  Cast swarm  Planned split

**Swarm size:**  Small  Medium  Large  Very Large **Cluster height:** \_\_\_\_\_

**Captured?**  Yes  No **Placed in:** \_\_\_\_\_ **Installed date:** \_\_\_\_\_ **Queen status:** \_\_\_\_\_

**Prevention steps taken:**  Added space  Removed queen cells  Reversed boxes  Split hive  None

**Notes:**

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**Entry 1**

**Date:** \_\_\_\_\_ **Source Hive:** \_\_\_\_\_ **Type:**  Prime swarm  Cast swarm  Planned split

**Swarm size:**  Small  Medium  Large  Very Large **Cluster height:** \_\_\_\_\_

**Captured?**  Yes  No **Placed in:** \_\_\_\_\_ **Installed date:** \_\_\_\_\_ **Queen status:** \_\_\_\_\_

**Prevention steps taken:**  Added space  Removed queen cells  Reversed boxes  Split hive  None

**Notes:**

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**Entry 2**

**Date:** \_\_\_\_\_ **Source Hive:** \_\_\_\_\_ **Type:**  Prime swarm  Cast swarm  Planned split

**Swarm size:**  Small  Medium  Large  Very Large **Cluster height:** \_\_\_\_\_

**Captured?**  Yes  No **Placed in:** \_\_\_\_\_ **Installed date:** \_\_\_\_\_ **Queen status:** \_\_\_\_\_

**Prevention steps taken:**  Added space  Removed queen cells  Reversed boxes  Split hive  None

**Notes:**

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**Entry 3**

**Date:** \_\_\_\_\_ **Source Hive:** \_\_\_\_\_ **Type:**  Prime swarm  Cast swarm  Planned split

**Swarm size:**  Small  Medium  Large  Very Large **Cluster height:** \_\_\_\_\_

**Captured?**  Yes  No **Placed in:** \_\_\_\_\_ **Installed date:** \_\_\_\_\_ **Queen status:** \_\_\_\_\_

**Prevention steps taken:**  Added space  Removed queen cells  Reversed boxes  Split hive  None

**Notes:**

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# ANNUAL APIARY SUMMARY

Year: \_\_\_\_\_ Apiary Name: \_\_\_\_\_ # Hives Start of Year: \_\_\_\_\_

## PRODUCTION TOTALS

Total honey harvested (lbs): \_\_\_\_\_ Total beeswax (lbs): \_\_\_\_\_

Total propolis (oz): \_\_\_\_\_ # Splits made: \_\_\_\_\_

# Swarms caught: \_\_\_\_\_ # Queens raised: \_\_\_\_\_

# Hives lost (winter): \_\_\_\_\_ End-of-year hive count: \_\_\_\_\_

## MONTHLY HONEY YIELD (lbs) — Draw/Record

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sen	Oct	Nov	Dec

## SEASONAL NOTES

Spring: \_\_\_\_\_  
\_\_\_\_\_

Summer: \_\_\_\_\_  
\_\_\_\_\_

Fall: \_\_\_\_\_  
\_\_\_\_\_

Winter: \_\_\_\_\_  
\_\_\_\_\_

## GOALS FOR NEXT YEAR

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

# ANNUAL APIARY SUMMARY

The Field Naturalist · Speared Apiaries

Year: \_\_\_\_\_ Apiary Name: \_\_\_\_\_ # Hives Start of Year: \_\_\_\_\_

## PRODUCTION TOTALS

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Total propolis (oz): \_\_\_\_\_ # Splits made: \_\_\_\_\_

# Swarms caught: \_\_\_\_\_ # Queens raised: \_\_\_\_\_

# Hives lost (winter): \_\_\_\_\_ End-of-year hive count: \_\_\_\_\_

## MONTHLY HONEY YIELD (lbs) — Draw/Record

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sen	Oct	Nov	Dec

## SEASONAL NOTES

Spring: \_\_\_\_\_  
\_\_\_\_\_

Summer: \_\_\_\_\_  
\_\_\_\_\_

Fall: \_\_\_\_\_  
\_\_\_\_\_

Winter: \_\_\_\_\_  
\_\_\_\_\_

## GOALS FOR NEXT YEAR

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

# SEASONAL BEEKEEPING CALENDAR

*Speared Apiaries — The Field Naturalist*

## SPRING (Mar–May)

- Early spring: check for winter survival, assess stores
- Feed 1:1 sugar syrup if stores low — stimulates brood rearing
- Add supers when 80% of frames are covered with bees
- Watch for swarm cells — inspect every 7-10 days
- First mite treatment if counts exceed threshold
- Plant-forage: dandelion, fruit trees, clover begin flowering

## SUMMER (Jun–Aug)

- Main nectar flow — add supers proactively
- Inspect every 10-14 days for swarm prevention
- Monitor mite levels monthly — treat if >2 per 100 bees
- Harvest ripe honey (80%+ capped)
- Ensure adequate ventilation to prevent overheating
- Late summer: nectar dearth may cause robbing — reduce entrances

## FALL (Sep–Nov)

- Final mite treatment **CRITICAL** — protect winter bees
- Combine weak colonies with strong ones
- Assess and top up winter stores (60-80 lbs recommended)
- Feed 2:1 sugar syrup or fondant for winter stores
- Remove queen excluders before cold sets in
- Mouse guards on entrances by October

## WINTER (Dec–Feb)

- Minimal disturbance — only check on warm days (>50 F)
- Heft hive to assess stores — light = danger
- Emergency feeding: fondant or candy board over cluster
- Ensure ventilation to prevent moisture buildup
- Order queens, nucs, and equipment for spring
- Review logs and plan for the new season

# COMMON DISEASES & PESTS REFERENCE

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## Varroa Mite (*Varroa destructor*)

*External parasite on bees & brood. Vectors for viruses.*

**Signs:** Signs: deformed wings, crawling bees, phoretic mites on adults, white debris on sticky board.

**Treatment:** Treatment: Oxalic acid, Apivar, Apiguard, HopGuard — rotate to prevent resistance.

Always confirm diagnosis before treating. Contact your local extension office or state apiarist for assistance.

## American Foulbrood (AFB)

*Bacterial spore disease — highly contagious. Notifiable in most states.*

**Signs:** Signs: sunken/perforated cappings, foul smell, brown ropy larvae (pencil test).

**Treatment:** Treatment: NO treatment — burn infected equipment. Contact state apiarist immediately.

Always confirm diagnosis before treating. Contact your local extension office or state apiarist for assistance.

## European Foulbrood (EFB)

*Bacterial infection of young larvae, less severe than AFB.*

**Signs:** Signs: twisted/melted larvae, sour smell, yellow-brown discoloration.

**Treatment:** Treatment: Oxytetracycline (Terramycin), requeening, improved nutrition.

Always confirm diagnosis before treating. Contact your local extension office or state apiarist for assistance.

## Chalkbrood (*Ascosphaera apis*)

*Fungal disease of larvae. Stress-related.*

**Signs:** Signs: chalky white or gray mummified larvae, often at entrance.

**Treatment:** Treatment: Improve ventilation, reduce moisture, requeen if persistent.

Always confirm diagnosis before treating. Contact your local extension office or state apiarist for assistance.

## Nosema (*Nosema apis/ceranae*)

*Microsporidian gut parasite, affects digestion.*

**Signs:** Signs: dysentery, weak spring buildup, feces on entrance/frames.

**Treatment:** Treatment: Fumagilin (where available), ensure good nutrition & ventilation.

Always confirm diagnosis before treating. Contact your local extension office or state apiarist for assistance.

## Small Hive Beetle (SHB)

*Scavenger beetle, serious in warm/humid climates.*

**Signs:** Signs: adult beetles fleeing inspection, slimy fermented honey, larvae in comb.

**Treatment:** Treatment: Beetle traps (West Trap, Beetle Blaster), strong colonies, dry conditions.

Always confirm diagnosis before treating. Contact your local extension office or state apiarist for assistance.

## Wax Moths

*Larvae damage comb in weak colonies or stored equipment.*

**Signs:** Signs: silky tunnels/webbing, destroyed comb, larvae in stored boxes.

**Treatment:** Treatment: Strong colonies self-manage. Fumigate stored equipment or freeze 48hrs.

Always confirm diagnosis before treating. Contact your local extension office or state apiarist for assistance.

# FEEDING & SUPPLEMENT REFERENCE

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## SUGAR SYRUP RATIOS

Syrup Type	Ratio	Description	Best Used For
1:1 (Spring stimulation)	1 lb sugar : 1 pint water	Thin, mimics nectar flow. Stimulates brood rearing & comb building.	Spring buildup, new packages, swarms
2:1 (Winter stores)	2 lbs sugar : 1 pint water	Thick, bees convert easily to honey. Dense calories for winter.	Fall feeding, topping up winter stores
Candy Board/Fondant	4 lbs sugar : ½ cup water — cook to soft-ball stage	Emergency winter feed — placed directly on top of frames	Overwinter emergency supplement

## SUPPLEMENTS

### Pollen substitute/patty

Mimics pollen — protein source. AP23, MegaBee, Global Pollen.

*Use: Early spring before natural pollen; disease recovery; dearth periods*

### Amino-B Booster

Amino acid supplement for nutritional deficiency.

*Use: Spring buildup, after stresses like pesticide exposure*

### Honey B Healthy

Essential oil feeding stimulant (lemongrass, spearmint).

*Use: Add to syrup — promotes feeding, deters mold in syrup feeders*

### Oxalic Acid (OA) in syrup

Varroa treatment — can be added to syrup or applied by dribble.

*Use: Only when NO capped brood is present; winter treatment preferred*

### Propolis extract

Antimicrobial properties — added to syrup or fed as tincture.

*Use: General health boost; fungal/bacterial resistance support*

## ■ NEVER FEED HONEY FROM UNKNOWN SOURCES — risk of spreading disease

Avoid high-fructose corn syrup as a long-term diet. Always provide clean water within 100 feet of hives.

# BEEKEEPER'S GLOSSARY

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**Apiary:** A collection of beehives kept in one location.

**Apiculture:** The science and practice of beekeeping.

**Brood:** Eggs, larvae, and pupae collectively.

**Capped brood:** Brood cells sealed with wax while pupae develop.

**Colony:** A complete, functioning community of bees: queen, workers, and drones.

**Drone:** Male bee — sole purpose is mating with virgin queens.

**Festooning:** Workers hanging in chains from frames; associated with comb building.

**Fondant:** Sugar paste fed to bees, especially as emergency winter feed.

**Forage:** Plants from which bees collect nectar and pollen.

**Frame:** Removable wooden or plastic structure holding honeycomb.

**Hygienic behavior:** Trait where workers detect and remove diseased/mite-infested brood.

**Langstroth hive:** Standard beehive with removable frames; most common in N. America.

**Laying worker:** Unfertilized worker that lays infertile (drone) eggs — hive is queenless.

**Nectar flow:** Period of abundant nectar availability from flowering plants.

**Nuc (nucleus colony):** Small starter colony with 5 frames of bees, brood, and a queen.

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**Operculum:** Wax cap sealing a honey cell or brood cell.

**Pheromone:** Chemical signal produced by bees to communicate within the colony.

**Propolis:** Resinous material bees collect from plants; used as hive sealant.

**Queen excluder:** Metal/plastic grid preventing queen from entering honey supers.

**Robbing:** Aggressive theft of honey stores by bees from other colonies.

**Scout bee:** Worker that locates new food sources or nest sites.

**Split (divide):** Deliberately dividing a colony into two or more units.

**Super:** Box placed above brood boxes for bees to store surplus honey.

**Supersedure:** Natural queen replacement by the colony without swarming.

**Swarm:** Natural reproductive process — half the colony leaves with old queen.

**Uncapping:** Removing wax caps from honey cells before extraction.

**Varroa:** Parasitic mite (*Varroa destructor*) — primary pest of honey bees worldwide.

**Virgin queen:** Newly emerged queen who has not yet mated.

**Wax moth:** Pest larvae that damage comb, especially in weak or unoccupied hives.

**Winter cluster:** Tight ball of bees that forms to generate heat during cold months.



## **Speared Apiaries**

*Pure honey. Honest craft.*

*"The hive never lies — only the beekeeper's records can."*

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