

## Welcome from Trish the Beekeeper!

- Started in 2015 with a swarm
- Expanded over time to have ~20 hives
- Use 12.75" tall frames, single brood box
- Around 80% survival
- Honey vendor at Geauga Farmers Market
- 4<sup>th</sup> year teaching bee classes
- Chickabuzz.com



### 1. [About Trish](#)

2. Is Beekeeping  
for You?

3. Bee Lingo

4. Beekeeping  
Gear

5. Beekeeping  
Options

6. Studying up!



<ol style="list-style-type: none"> <li>1. About Trish</li> <li>2. Is Beekeeping for You?</li> <li>3. Bee Lingo</li> <li>4. Beekeeping Gear</li> <li>5. Beekeeping Options</li> <li>6. Studying up!</li> </ol>	<h2 style="margin: 0;">Expensive.</h2> <p style="margin: 10px 0;">\$130-\$170 Bees – but u should get 2....</p> <p style="margin: 10px 0;">\$300 Beginners Kit (Blue Sky)</p> <p style="margin: 10px 0;">\$100 Feeding/Honey Supers</p> <p style="margin: 10px 0;">\$50-\$125 Mite Management</p>
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## Bees = Big Footprint.

-Orientation or Relief Flights  
(next slide is video)



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## Bees = Big Footprint.



Finished Bee Yard with Hives and Nuc  
From [betterbee.com](http://betterbee.com)

Avoid placing hives within 20 feet of a walkway.  
Can face hives away from space you want people to use.

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## Bees = Big Footprint.

-Orientation or Relief Flights

-Flyway Management

-Water Source Consistently

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	<ul style="list-style-type: none"><li>- Water Source Consistently<ul style="list-style-type: none"><li>- If surrounded by neighbors with pools... set up yours early.</li><li>- Easy flight entry and landing pads</li><li>- “Sweeten the deal” – anise extract and lightly sugared</li></ul></li></ul>

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	<ul style="list-style-type: none"><li>- What if the hive gets knocked over?<ul style="list-style-type: none"><li>- Hive can sting anything within sight of the hive that moves, and cannot get away – like a dog in a fenced yard.</li></ul></li></ul>

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<https://decoratorist.com/easy-backyard-landscaping/>

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## Hive Placement Concerns

- **What's good for bees**
- **What's good for Beekeeper**

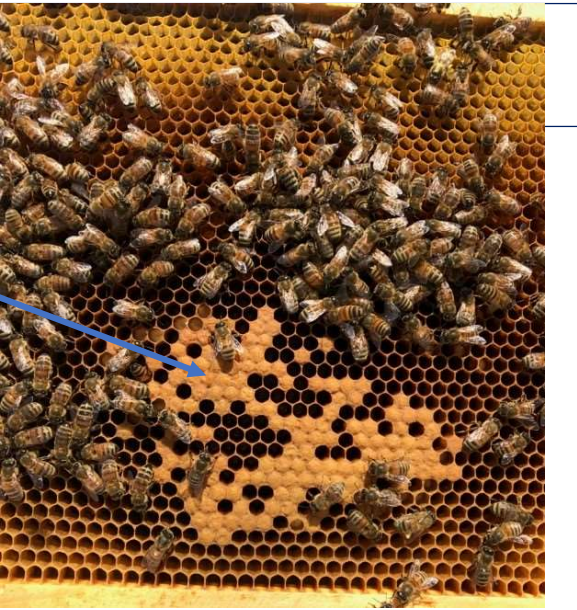
<ul style="list-style-type: none"> <li>1. About Trish</li> <li>2. Is Beekeeping for You?</li> <li>3. Bee Lingo</li> <li>4. Beekeeping Gear</li> <li>5. Beekeeping Options</li> <li>6. Studying up!</li> </ul>	<h2 style="margin: 0;">Hive Placement Concerns</h2> <ul style="list-style-type: none"> <li>- <b>What's good for bees</b></li> <li>- <b>What's good for Beekeeper</b></li> <li>- Think about it now....</li> <li>- Because can move established hive 2 feet or 2 miles, due to foragers imprinting on hive location.</li> </ul>
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<ol style="list-style-type: none"><li>1. About Trish</li><li>2. <a href="#">Is Beekeeping for You?</a></li><li>3. Bee Lingo</li><li>4. Beekeeping Gear</li><li>5. Beekeeping Options</li><li>6. Studying up!</li></ol>	<h2 style="text-align: center;">Hive Placement Concerns</h2>
	<ul style="list-style-type: none"><li>- <b>What's good for beekeeper</b><ul style="list-style-type: none"><li>- Mowing</li><li>- Flyway and Orientation Flight</li><li>- Access to wagon/cart</li><li>- Shade after 2 or 3 pm</li><li>- Room to move, and for a spare box</li></ul></li></ul>


<ol style="list-style-type: none"><li>1. About Trish</li><li>2. <a href="#">Is Beekeeping for You?</a></li><li>3. <a href="#">Bee Lingo</a></li><li>4. Beekeeping Gear</li><li>5. Beekeeping Options</li><li>6. Studying up!</li></ol>	<p>Honey</p> <p>Nectar</p> <p>Pollen</p>	
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<p><b>Brood = baby bees</b></p>		

<ul style="list-style-type: none"><li>1. About Trish</li><li>2. Is Beekeeping for You?</li><li>3. <a href="#">Bee Lingo</a></li><li>4. Beekeeping Gear</li><li>5. Beekeeping Options</li><li>6. Studying up!</li></ul>	<h2>Lingo: The Bees!</h2>	
<p><b>Brood = baby bees</b></p>		

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<p>Brood nest</p>	

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<p>Honey Supers</p>	
<p>Brood nest</p>	

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<h2>Undrawn Frames</h2>	

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<h2>Drawn Frames</h2>	

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Frame Covered with Bees

- 1. About Trish
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10 Frames Covered with Bees

<ol style="list-style-type: none"><li>1. About Trish</li><li>2. Is Beekeeping for You?</li><li>3. <a href="#">Bee Lingo</a></li><li>4. Beekeeping Gear</li><li>5. Beekeeping Options</li><li>6. Studying up!</li></ol>	<h2 data-bbox="630 344 1057 407">Lingo: The Bees!</h2> <h3 data-bbox="493 449 756 604">Wonky Comb Or Creatively Drawn Comb</h3> 
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<ol style="list-style-type: none"><li>1. About Trish</li><li>2. Is Beekeeping for You?</li><li>3. Bee Lingo</li><li>4. <a href="#">Beekeeping Gear</a></li><li>5. Beekeeping Options</li><li>6. Studying up!</li></ol>	<h2 data-bbox="521 1262 1235 1325">Beekeeping Gear: The Hive!</h2> <ul style="list-style-type: none"><li>- Hive Equipment</li></ul>
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## Lingo: The Hive!

Lid

Inner Cover

Honey Supers?

Brood box(es)

Bottom Board

Base? Or Cinderblocks!

Outer Cover

Inner Cover

Extracting Super

Frame

Wax Combs

Hive Body

Bottom Board

Base?  
Or Cinderblocks!

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## Beekeeping Gear: The Hive!

- What do you need?
  - Lid (or Telescoping Outer Cover)
  - Inner Cover
  - Brood boxes (2 med, 2 deep, 1 deep)
  - 2 honey supers (yes, this year)
  - Spare deep/medium, lid, base, frames...

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	<ul style="list-style-type: none"> <li>- What do you need?             <ul style="list-style-type: none"> <li>- Lid (or Telescoping Outer Cover)</li> <li>- Inner Cover</li> <li>- Brood boxes (2 med, 2 deep, 1 deep)</li> <li>- 2 honey supers (yes, this year)</li> <li>- Spare deep/medium, lid, base, frames...</li> <li>- Safety Gear</li> <li>- The Bees!</li> </ul> </li> </ul>

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	<p style="text-align: center;"><b>Size of Brood Nest (Summer)</b></p> <p style="text-align: center;">1 deep boxes, 10 or 8 frames</p> <p style="text-align: center;">2 medium boxes (8 frame)</p> <p style="text-align: center;">1 deep and 1 medium boxes, 10 frame only</p>

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	<p><b>Your Mission:</b>  <b>Get these fully drawn out by the bees.</b>          2 deep boxes, 10 or 8 frames          3 medium boxes (8 frame)          1 deep and 2 medium boxes,          10 frame only          Honey super progress is          optional...but...makes next spring better.</p>

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	<p><b>Double Deep advantage:</b>          Lots of support          Lots of room for winter honey          Lots of room for spring bees          Can swap brood frames top/bott</p>

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	<p>Double Deep <b><u>Dis</u></b>advantage:  Really heavy top box.  Second box is too much space for queen to use.</p> <p>So, options for brood boxes (summer):  Double Deep: 8 frame  Deep and Medium (10 frame)  2 Mediums (8 frame)</p>

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	<p>Double Deep <b><u>Dis</u></b>advantage:  Really heavy top box.  Second box is too much space for queen to use.</p> <p>So, options for brood boxes (summer):  Double Deep: 8 frame  Deep and Medium (10 frame)  2 Mediums (8 frame)</p> <p>Or, a long hive!</p>

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	<p><b>Nucs (Southern or Local):</b></p> <ul style="list-style-type: none"> <li>- <b><u>Local:</u></b> <ul style="list-style-type: none"> <li>- Queen from bees who survived</li> <li>- Direct sale, but less advertising</li> <li>- Later delivery to your apiary, but flexible</li> </ul> </li> </ul>

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	<p><b>Recap:</b></p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Package</u></th> <th style="text-align: left;"><u>Southern Nuc</u></th> <th style="text-align: left;"><u>Local Nuc</u></th> </tr> </thead> <tbody> <tr> <td>Early May</td> <td>Early May</td> <td>Early June</td> </tr> <tr> <td>Floaty date</td> <td>Floaty date</td> <td>Survivors!</td> </tr> <tr> <td>May fail</td> <td>Brood comb</td> <td>Brood comb</td> </tr> <tr> <td>Install now</td> <td>Flex install</td> <td>Scheduled install</td> </tr> </tbody> </table>	<u>Package</u>	<u>Southern Nuc</u>	<u>Local Nuc</u>	Early May	Early May	Early June	Floaty date	Floaty date	Survivors!	May fail	Brood comb	Brood comb	Install now	Flex install	Scheduled install
<u>Package</u>	<u>Southern Nuc</u>	<u>Local Nuc</u>														
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	<p><b>Buyer Beware. You're buying from a beekeeper, who wants your success. But...</b></p> <ul style="list-style-type: none"> <li>- Package, a thin layer dead bees, queen should be alive. What if...</li> <li>- Nuc, ideally see the brood, queen should stay strong through season. What if...</li> </ul>

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	<p><b>Where to buy bees?</b></p> <ul style="list-style-type: none"> <li>-Check Geauga County Beekeeper's website</li> <li>-Facebook</li> <li>-Go to club meetings and ask around</li> </ul>

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	<p><u>Italian color</u></p> 	<p><u>Carniolan color</u></p> 

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	<p><u>Italian race</u></p> <p>-Gentle</p> <p>-Good Honey</p>	<p><u>Carniolan race</u></p> <p>-Gentle</p> <p>-Good Honey</p>
	<p><b>Traits in Common due to Breeding</b></p>	

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	<p><b>Italian race</b></p> <ul style="list-style-type: none"> <li>-Early spring buildup</li> <li>-Likely to rob</li> <li>-Needs more food</li> <li>-Hygenic</li> </ul>	<p><b>Carniolan race</b></p> <ul style="list-style-type: none"> <li>- Explosive pop growth</li> <li>-Likely to swarm</li> <li>-Needs less food</li> </ul>




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	<p><b>Italian race</b></p>	<p><b>Carniolan race</b></p> <p><b>But what does it mean for you?</b></p>

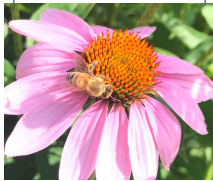


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	<p>Italian race                      Carniolan race</p> <p><b>But what does it mean for you?</b></p> <p><b>Does not matter IF queen was damaged in shipping, or poorly mated/raised.</b></p>

<ol style="list-style-type: none"> <li>1. About Trish</li> <li>2. Is Beekeeping for You?</li> <li>3. Bee Lingo</li> <li>4. Beekeeping Gear</li> <li>5. <a href="#">Beekeeping Options</a></li> <li>6. Studying up!</li> </ol>	<h2>Bee Traits</h2>
	<p>Success with <u>hive</u> depends on:</p> <ol style="list-style-type: none"> <li><b>1. Good mite control</b></li> <li><b>2. Good stores</b></li> <li>3. Good queen – any kind</li> </ol>

<ol style="list-style-type: none"> <li>1. About Trish</li> <li>2. Is Beekeeping for You?</li> <li>3. Bee Lingo</li> <li>4. Beekeeping Gear</li> <li>5. Beekeeping Options</li> <li>6. Studying up!</li> </ol>	<h2>Short Break!</h2>
	<ul style="list-style-type: none"> <li>- More in-depth about installing bees</li> <li>- Varroa Mite</li> </ul>

<p>Feeding Bees – how and why</p>	<h2>Feeding Bees</h2>
	<p><u>Both for package bees!</u></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1. Pollen Patty</p>  </div> <div style="text-align: center;"> <p>2. Sugar</p>  </div> </div> <div style="text-align: right; margin-top: 20px;">  </div>



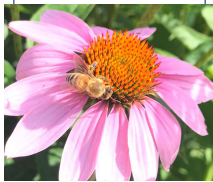
Feeding Bees –  
how and why

## Feeding Bees

Both for package bees!

1. Pollen Patty

2. Sugar

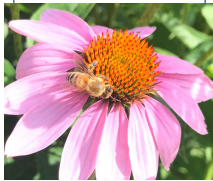


Feeding Bees –  
how and why

## Feeding Bees

Why do we feed bees?

- Swarms in the wild – 10% survival rate
- Deep frame with honey: 6 lbs; that is 5 lbs of sugar, 1 lb of water.
- So, 5 lbs sugar per frame: 50 lbs.
- One gallon 2:1 per box per week.



Feeding Bees –  
how and why

## Feeding Bees

HOW do we feed bees?

- Pollen: not necessary if foraging AND can store pollen.
- Otherwise, ½ pollen patty at a time.

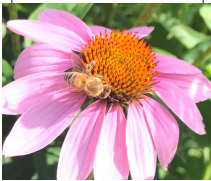


Feeding Bees –  
how and why

## Feeding Bees

HOW do we feed bees?

- Sugar:
  - Package Bees: ANYTHING to get carbs to them.
  - 40s-50s: baggie, or in-hive feeder.
  - 60s+: Don't let feeder run dry!



Feeding Bees –  
how and why

## Feeding Bees

How LONG do we feed bees?

- Until all comb necessary for queen's quarters/winter quarters is drawn out.
- You will need to add honey supers for room for the bees.
- You decide if you want to continue feeding to get those drawn out too.

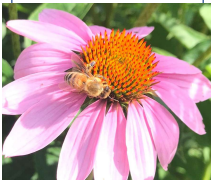


Feeding Bees –  
how and why

## Feeding Bees

HOW do we feed bees?

- Sugar:
  - Package Bees: ANYTHING to get carbs to them.



Feeding Bees –  
how and why

## Feeding Bees

HOW do we feed bees?

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  - 40s-50s: baggie, or in-hive feeder.
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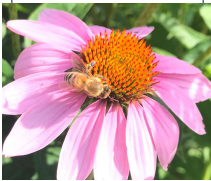


Feeding Bees –  
how and why

## Feeding Bees

HOW do we feed bees?

2:1 sugar syrup:



Feeding Bees –  
how and why

## Feeding Bees

How LONG do we feed bees?

- Until all comb necessary for queen's quarters/winter quarters is drawn out.
- You will need to add honey supers for room for the bees.

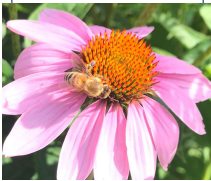


Feeding Bees –  
how and why

## Feeding Bees

One Final Note:

- Should you use 2:1 or 1:1 Sugar Syrup?
- What if someone says one thing, and someone else says another?
- It'll happen.... For almost every beekeeping choice!



Feeding Bees –  
how and why

## Feeding Bees

One Final Note:

- Should you use 2:1 or 1:1 Sugar Syrup?
  - What if someone says one thing, and someone else says another?
  - It'll happen.... For almost every beekeeping choice!
1. Consider how the source came to conclusion
  2. They are YOUR bees!!



Feeding Bees –  
how and why

## Your New Hive

Your New Hive

Installation Day!

Bee Ready!

- Hive location and stand is ready
- Frames in hive (10 if package, 5 if nuc)
- Sugar syrup made, and dispenser made
- Everything but the bees





Feeding Bees –  
how and why

Your New Hive



## Your New Hive

Installation Day!

Bee Ready!

- Hive location and stand is ready
- Frames in hive (10 if package, 5 if nuc)
- Sugar syrup made, and dispenser made
- Everything but the bees
- COLD WEATHER EXCEPTION: hive and frames at room temp inside...

Feeding Bees –  
how and why

Your New Hive



## Your New Hive

Installation Day: Package of Bees

1. Can actually arrive in the mail...

Feeding Bees –  
how and why

[Your New Hive](#)



## Your New Hive

Installation Day: Package of Bees

1. Or you drive it home – [murdochs.com](http://murdochs.com)



Feeding Bees –  
how and why

[Your New Hive](#)



## Your New Hive

Installation Day: Package of Bees

1. Picking up in your car
2. ASAP, before start driving home...  
spritz with water.
3. Is it safe to install? YES!

Feeding Bees –  
how and why

Your New Hive



## Your New Hive

Installation Day: Package of Bees

<https://www.honeybeesuite.com/install-package-bees-cold-weather/>

1. Feeding: baggie or quart jar
2. Temporarily pull 5 frames out
3. Get caged queen on frame in hive

Feeding Bees –  
how and why

Your New Hive

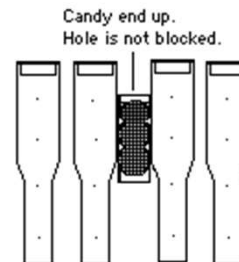
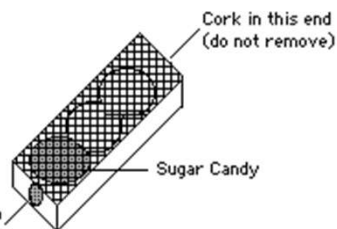


Hive bees will chew through  
candy to release queen.

## Your New Hive

Installation Day: Package of Bees

[www.glennapiaries.com](http://www.glennapiaries.com) – queen secured with rubber band  
to frame!



Feeding Bees –  
how and why

Your New Hive



## Your New Hive

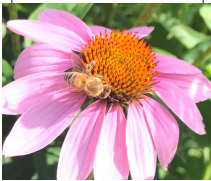
Installation Day: Package of Bees

<https://www.honeybeesuite.com/install-package-bees-cold-weather/>

1. Feeding: baggie or quart jar
2. Temporarily pull 5 frames out of hive, set to side.
3. Pull feeder jar out of package, get queen off, replace feeder jar.
4. Get caged queen on frame, place frame in hive in position 6 next to frames 1-5.
5. Shake bees into space
6. Replace remaining 4 frames, inner cover, feeder setup, lid...

Feeding Bees –  
how and why

Your New Hive



## Your New Hive


Installation Day: Package of Bees

<https://www.honeybeesuite.com/install-package-bees-cold-weather/>

1. Feeding: baggie or quart jar
2. Temporarily pull 5 frames out
3. Get caged queen on frame, in hive.
4. Shake bees into space
5. Replace frames, inner cover, feeder, lid...

Feeding Bees –  
how and why

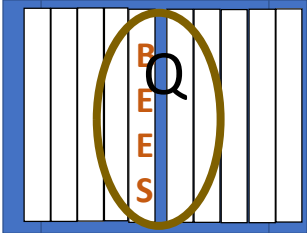
[Your New Hive](#)



## Your New Hive

Day 1 Config of Package Install:

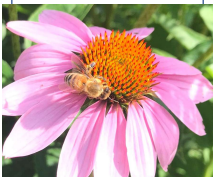
Baggie or Quart Jar



Entrance Reducer  
No draft through screened  
bottom board

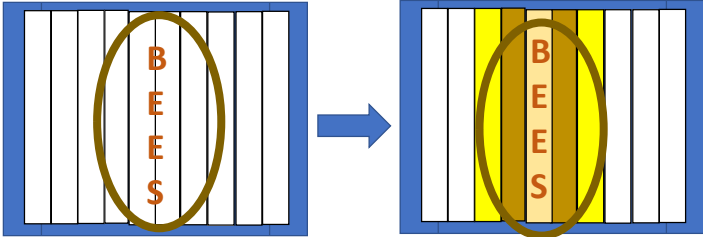
Feeding Bees –  
how and why

[Your New Hive](#)



## Your Growing Hive

Package Bees: Feed even if can forage.  
1<sup>st</sup> visit: 4-7 days to pull queen cage  
next visits: 7-10 days later, pull frames to check comb (fix wonky comb),  
but do not re-order frames,  
until hive has 5 drawn frames (partially drawn is OK for outer frames)



Feeding Bees –  
how and why

Your New Hive



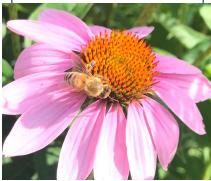
## Your New Hive

Installation Day: Nuc

1. Can actually arrive in the mail...

Feeding Bees –  
how and why

Your New Hive



## Your New Hive

Installation Day: Nuc

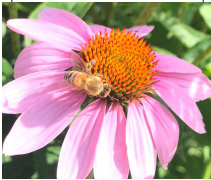
1. Picking up in your car



<https://riveroakshouston.com/a-bee-in-his-bonnet/>

Feeding Bees –  
how and why

Your New Hive



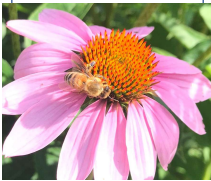
## Your New Hive

Installation Day: Nuc – and it's below 30!

1. Nuc in 40-70 degree space, dark, min vibrations...can wait a few days...

Feeding Bees –  
how and why

Your New Hive



## Your New Hive

Installation Day: Nuc –

1. Set up deep with 2 frames inside, 3 set aside outside box.
2. Set nuc next to hive.
3. Pull outer frame out, set next to frame #2 in hive
4. Insert nuc frames 2 and 3, THEN place a hive frame at position 6.
5. Insert remaining nuc frames, and remaining hive frames.
6. Briefly shake nuc's unattached bees into hive then move nuc away
7. Put inner cover on, notch forward, and shake remaining nuc bees onto inner cover.
8. Put feeder stuff and box on, then lid.

Feeding Bees –  
how and why

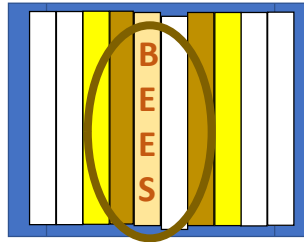
[Your New Hive](#)



## Your New Hive

Day 1 Config of Nuc Install:

Baggie or Quart Jar

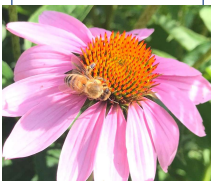


Entrance Reducer  
No draft through screened  
bottom board

Feeding Bees –  
how and why

[Your New Hive](#)

[Your Growing  
Hive](#)

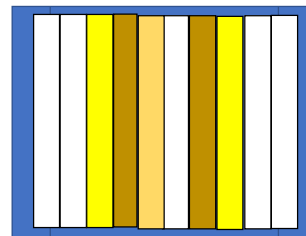


## Your Growing Hive

Package Hive 3-4 weeks later will catch  
up with Nuc!

Then Package Hive ready for first manipulation:  
move undrawn frame to  
middle.

Then manage Package  
Hive just like Nuc.





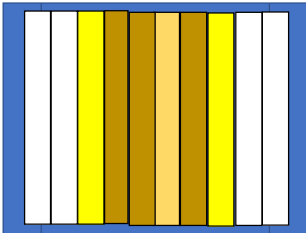
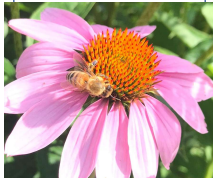
Feeding Bees –  
how and why

Your New Hive

[Your Growing  
Hive](#)

# Your Growing Hive

1 week later:



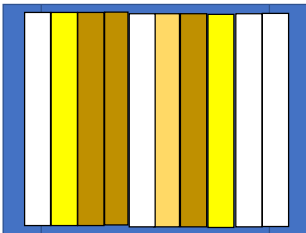
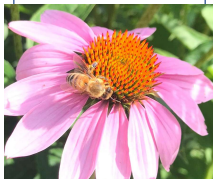
Feeding Bees –  
how and why

Your New Hive

[Your Growing  
Hive](#)

# Your Growing Hive

1 week later, after do manipulation during  
hive inspection:



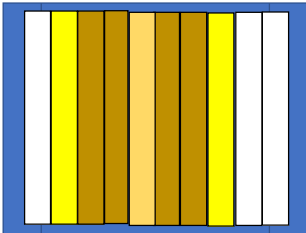
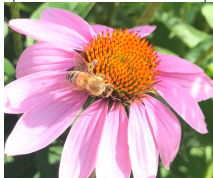
Feeding Bees –  
how and why

Your New Hive

[Your Growing  
Hive](#)

# Your Growing Hive

Next visit, 1 week later:



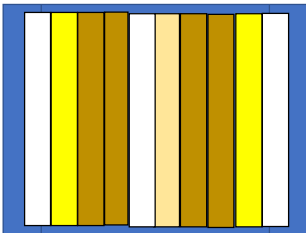
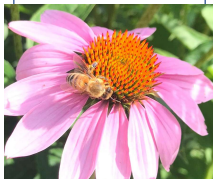
Feeding Bees –  
how and why

Your New Hive

[Your Growing  
Hive](#)

# Your Growing Hive

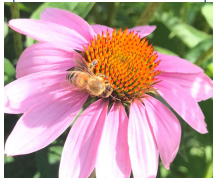
Next visit, 1 week later, after do  
manipulation during hive inspection:



Feeding Bees –  
how and why

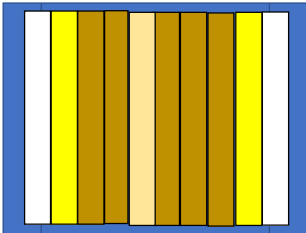
Your New Hive

[Your Growing  
Hive](#)



## Your Growing Hive

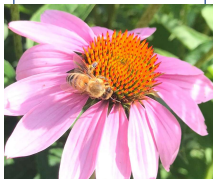
Next Next visit, 1 week later:  
For Nuc, is 3 weeks later.  
For Package Hive, is 6 or so weeks later.  
Time for Next Box!



Feeding Bees –  
how and why

Your New Hive

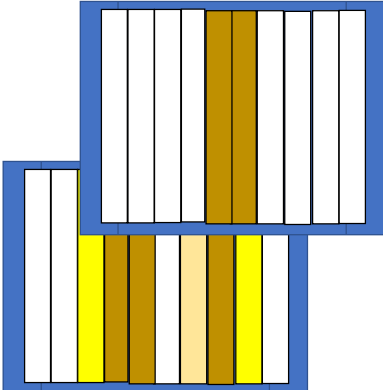
[Your Growing  
Hive](#)



## Your Growing Hive

If 2<sup>nd</sup> Box is Same Size:

Next Next Visit After  
Manipulation During  
Inspection:



Feeding Bees –  
how and why


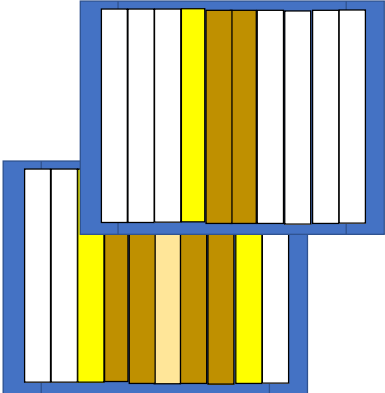
Your New Hive

Your Growing  
Hive

# Your Growing Hive

If 2<sup>nd</sup> Box is Same Size:

1 week later:



Feeding Bees –  
how and why

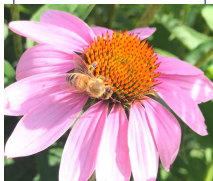
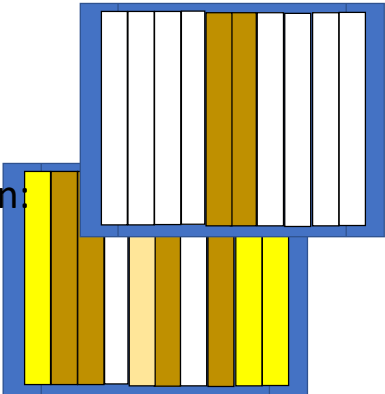
Your New Hive

Your Growing  
Hive

# Your Growing Hive

If 2<sup>nd</sup> Box is Same Size:

1 week later,  
After Do Manipulation:



Feeding Bees –  
how and why

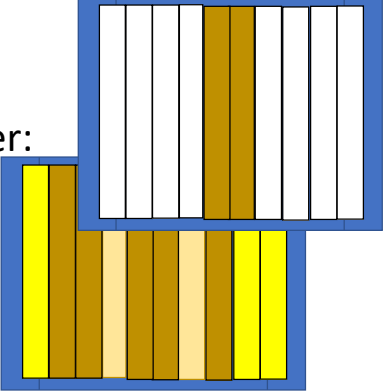
Your New Hive

Your Growing  
Hive

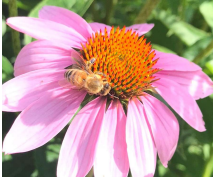
# Your Growing Hive

If 2<sup>nd</sup> Box is Same Size:

Next visit, 1 week later:



The diagram shows a two-box hive. The bottom box contains 10 frames: 2 yellow, 2 brown, 1 tan, 2 brown, and 3 yellow. The top box contains 10 frames: 4 white, 2 brown, and 4 white. The top box is positioned above the right side of the bottom box.



Feeding Bees –  
how and why

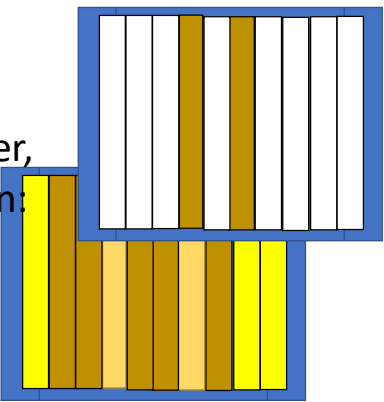
Your New Hive

Your Growing  
Hive

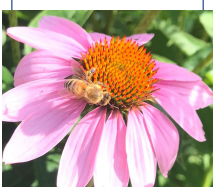
# Your Growing Hive

If 2<sup>nd</sup> Box is Same Size:

Next Visit, 1 week later,  
After Do Manipulation:



The diagram shows a two-box hive. The bottom box contains 10 frames: 2 yellow, 2 brown, 1 tan, 2 brown, and 3 yellow. The top box contains 10 frames: 4 white, 2 brown, and 4 white. The top box is positioned above the right side of the bottom box.



Feeding Bees –  
how and why


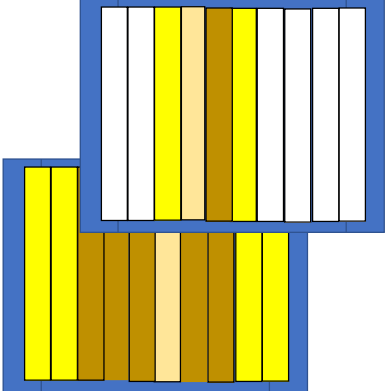
Your New Hive

Your Growing  
Hive

# Your Growing Hive

If 2<sup>nd</sup> Box is Same Size:

Next Next Visit



The diagram shows a two-box hive. The bottom box contains 10 frames: 2 yellow, 4 brown, 1 tan, 1 brown, and 2 yellow. The top box contains 10 frames: 2 white, 1 yellow, 1 tan, 1 brown, 1 yellow, and 4 white. The top box is positioned higher than the bottom box, overlapping its top edge.

Feeding Bees –  
how and why

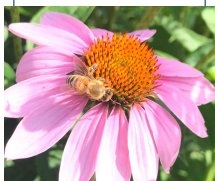
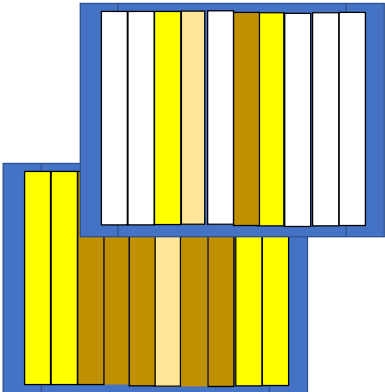
Your New Hive

Your Growing  
Hive

# Your Growing Hive

If 2<sup>nd</sup> Box is Same Size:

Next Next Visit  
After Manipulation




The diagram shows a two-box hive. The bottom box contains 10 frames: 2 yellow, 4 brown, 1 tan, 1 brown, and 2 yellow. The top box contains 10 frames: 2 white, 1 yellow, 1 tan, 1 brown, 1 yellow, and 4 white. The top box is positioned higher than the bottom box, overlapping its top edge.

Feeding Bees –  
how and why

Your New Hive

[Your Growing  
Hive](#)

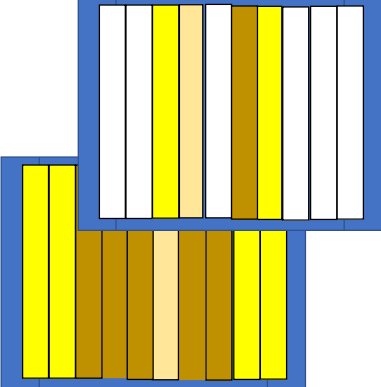


## Your Growing Hive

If 2<sup>nd</sup> Box is Same Size:

Next Next Visit  
After Manipulation

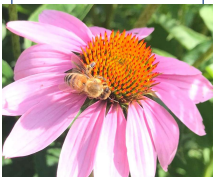
.... Keep popping  
undrawn inwards  
Until.....



Feeding Bees –  
how and why

Your New Hive

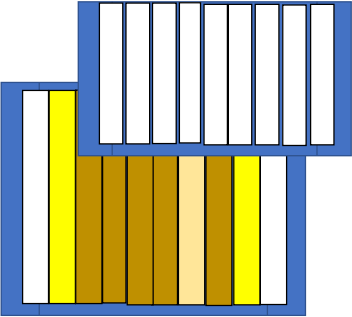
[Your Growing  
Hive](#)



## Your Growing Hive

What if next box NOT  
same size?

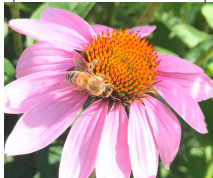
Before Manipulation:



Feeding Bees –  
how and why

Your New Hive

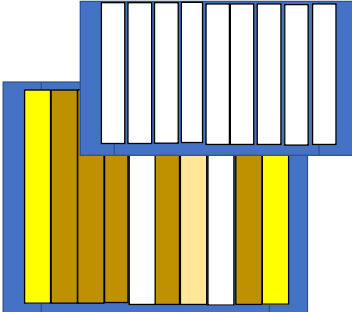
Your Growing  
Hive



## Your Growing Hive

What if next box NOT  
same size?

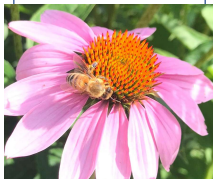
After Manipulation:



Feeding Bees –  
how and why

Your New Hive

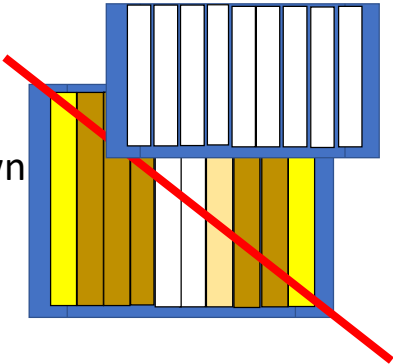
Your Growing  
Hive



## Your Growing Hive

What if 2<sup>nd</sup> box NOT  
same size?

Post Manipulation:  
Avoid 2 or 3 undrawn  
frames next to each  
other

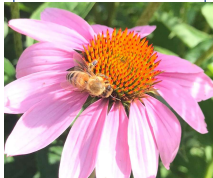




Feeding Bees –  
how and why

Your New Hive

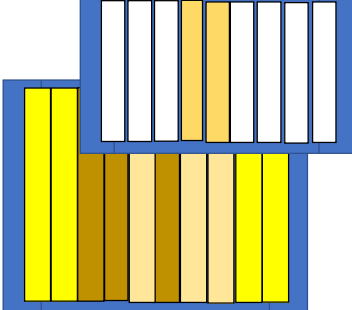
Your Growing  
Hive



## Your Growing Hive

What if next box NOT  
same size?

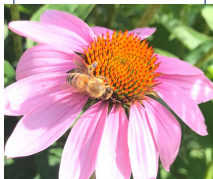
Next Visit  
Before Manipulation:



Feeding Bees –  
how and why

Your New Hive

Your Growing  
Hive

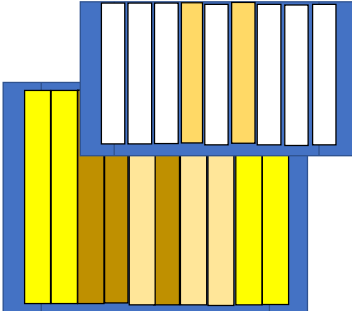


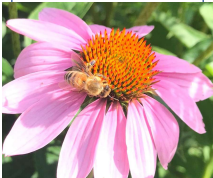
## Your Growing Hive

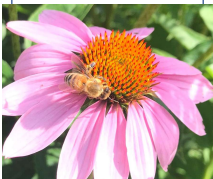

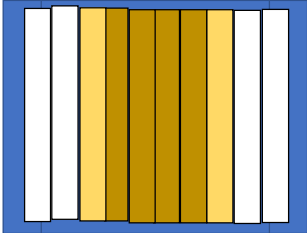
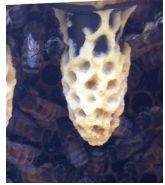
What if next box NOT  
same size?

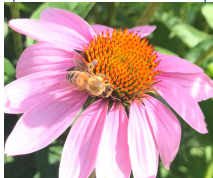
Next  
After Manipulation

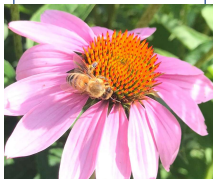
...Continue until  
8 frames covered....



<p>Feeding Bees – how and why</p> <p>Your New Hive</p> <p><a href="#">Your Growing Hive</a></p>	<h1>Your Growing Hive</h1>
	<p>But that's so much work! Can't we just leave them alone?!?!?</p>

<p>Feeding Bees – how and why</p> <p>Your New Hive</p> <p><a href="#">Your Growing Hive</a></p>	<h1>Your Growing Hive – Yikes!</h1>
	<p>1<sup>st</sup> 6 weeks: Can swarm even though undrawn frames.</p>  <p>Nuc week 3, Package week 5...</p>  

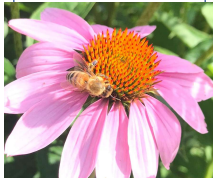
<p>Feeding Bees – how and why</p> <p>Your New Hive</p> <p><a href="#">Your Growing Hive</a></p> 	<h2>Your Growing Hive</h2> <table border="1"> <thead> <tr> <th>Install</th> <th>Package</th> <th>Nuc</th> </tr> </thead> <tbody> <tr> <td>Frames of Bees</td> <td>5</td> <td>5</td> </tr> <tr> <td>Frames with Comb</td> <td>0</td> <td>5</td> </tr> <tr> <td>Frames with Brood</td> <td>0</td> <td>2</td> </tr> </tbody> </table>	Install	Package	Nuc	Frames of Bees	5	5	Frames with Comb	0	5	Frames with Brood	0	2
Install	Package	Nuc											
Frames of Bees	5	5											
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Frames with Brood	0	2											

<p>Feeding Bees – how and why</p> <p>Your New Hive</p> <p><a href="#">Your Growing Hive</a></p> 	<h2>Your Growing Hive</h2> <table border="1"> <thead> <tr> <th>1<sup>st</sup> visit</th> <th>Package</th> <th>Nuc</th> </tr> </thead> <tbody> <tr> <td>Frames of Bees</td> <td>5, 5</td> <td>5, 6</td> </tr> <tr> <td>Frames with Comb</td> <td>0, 2</td> <td>5, 7</td> </tr> <tr> <td>Frames with Brood</td> <td>0, 1</td> <td>2, 3</td> </tr> </tbody> </table>	1 <sup>st</sup> visit	Package	Nuc	Frames of Bees	5, 5	5, 6	Frames with Comb	0, 2	5, 7	Frames with Brood	0, 1	2, 3
1 <sup>st</sup> visit	Package	Nuc											
Frames of Bees	5, 5	5, 6											
Frames with Comb	0, 2	5, 7											
Frames with Brood	0, 1	2, 3											

Feeding Bees –  
how and why

Your New Hive

Your Growing  
Hive



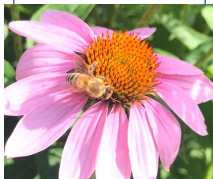
## Your Growing Hive

2 <sup>nd</sup> visit	Package	Nuc
Frames of Bees	5, 5, 4	5, 6, 8
Frames with Comb	0, 2, 4	5, 6, 7
Frames with Brood	0, 1, 2	2, 3, 4

Feeding Bees –  
how and why

Your New Hive

Your Growing  
Hive



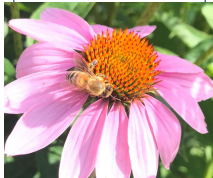
## Your Growing Hive

3 <sup>rd</sup> visit	Package	Nuc
Frames of Bees	5, 5, 4, 5	5, 6, 8, 10
Frames with Comb	0, 2, 4, 5	5, 6, 7, 8
Frames with Brood	0, 1, 2, 3	2, 3, 4, 6

Feeding Bees –  
how and why

Your New Hive

**Your Growing  
Hive**



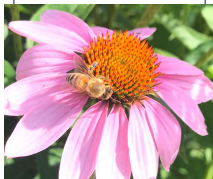
## Your Growing Hive

3 <sup>rd</sup> visit	Package	Nuc
Frames of Bees	5, 5, 4, 5	5, 6, 8, 10
Frames with Comb	0, 2, 4, 5	5, 6, 7, 8
Frames with Brood	0, 1, 2, 3	2, 3, 4, 6

Feeding Bees –  
how and why


Your New Hive

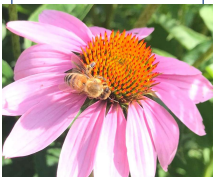
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Hive**

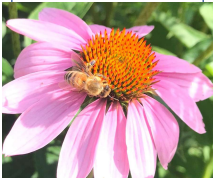


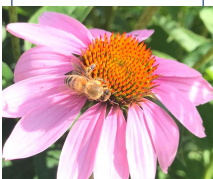
## Your Growing Hive


3 <sup>rd</sup> visit	Package	Nuc
Frames of Bees	5, 5, 4, 5, 5	5, 6, 8, 10, 14
Frames with Comb	0, 2, 4, 5, 7	5, 6, 7, 8, 10
Frames with Brood	0, 1, 2, 3, 4	2, 3, 4, 6, 8

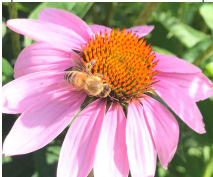
<p>Feeding Bees – how and why</p> <p>Your New Hive</p> <p><a href="#">Your Growing Hive</a></p>	<h2>Studying up!</h2>
	<ul style="list-style-type: none"> <li>- Classes             <ul style="list-style-type: none"> <li>- Here we are... but also see A Web-Based Introductory Beekeeping Training Program</li> </ul> </li> </ul>

<p>Feeding Bees – how and why</p> <p>Your New Hive</p> <p><a href="#">Your Growing Hive</a></p>	<h2>Studying up!</h2>
	<ul style="list-style-type: none"> <li>- Classes (and your local club)</li> <li>- Books             <ul style="list-style-type: none"> <li>- For Dummies</li> <li>- Wicwas Press series</li> <li>- Backyard Beekeeper by Kim Flottum</li> </ul> </li> </ul>

<p>Feeding Bees – how and why</p> <p>Your New Hive</p> <p><a href="#">Your Growing Hive</a></p>	<h2>Studying up!</h2>
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<p>Feeding Bees – how and why</p> <p>Your New Hive</p> <p><a href="#">Your Growing Hive</a></p>	<h2>Studying up!</h2>
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<p>Feeding Bees – how and why</p> <p>Your New Hive</p> <p><a href="#">Your Growing Hive</a></p>	<h2>Studying up!</h2>
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<p>Feeding Bees – how and why</p> <p>Your New Hive</p> <p><a href="#">Your Growing Hive</a></p>	<h2>Next Week: Bee Lifeway</h2>
	<ul style="list-style-type: none"> <li>- How do bees live and make the hive grow?</li> <li>- How do you inspect a hive to check on their progress?</li> <li>- Varroa Mite is top killer of hives</li> </ul>