Beekeeping in Northern Climates - Changes to 2017 from 2013

Page 39, 1st paragraph

In late August or early September, inspect each colony. Sample each colony for varroa mites as explained in the Honey Bee Diseases and Pests manual. If your colony has varroa mites, you should consider treating the colony to control the mites. See the latest version of the *Honey Bee Diseases and Pests* manual [Z.umn.edu/beemanual](http://Z.umn.edu/beemanual) and our website [Z.umn.edu/varroa](http://Z.umn.edu/varroa) for most current information. High mite loads lead to colony death in the winter. If you treat, make sure you apply the treatment *after* you harvest honey and as early in September as possible. Monitor mite levels again 1-2 weeks after the end of the treatment period to make sure the treatment was effective. Consult Honey Bee Diseases and Pests manual for more information on varroa mite.

Page 45, 4th paragraph

Monitor the level of varroa mites. See the latest version of the *Honey Bee Diseases and Pests* manual [Z.umn.edu/beemanual](http://Z.umn.edu/beemanual) and our website [Z.umn.edu/varroa](http://Z.umn.edu/varroa) for most current information.

Page 72, step 1

1. The first step is to evaluate the colony in September for its wintering ability. It should have a young prolific queen, enough honey stores (75-95 lbs.), large bee population (10+ frames of bees) and few mites

Add to the bottom of Figure 10 and Figure 18.

* For information on disease & varroa mites see current *Honey Bee Diseases and Pests*. www.BeeLab.umn.edu

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A System For Managing Package Colonies

Order packages(s)
Prepare for installation
Install package
Feed light syrup (1:1)
Feed pollen substitute
Check for queen quality & disease*
Check food reserves
Test for varroa mites *
Add box and enlarge entrance
Reverse if needed
Add honey supers if needed
Remove honey supers
Reduce entrance
Feed heavy syrup if needed (2:1)
Pack for winter

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

* For information on disease & varroa mites see current Honey Bee Diseases and Pests. www.BeeLab.umn.edu
Dividing a Colony

Source: University of Minnesota, Department of Entomology

- Hole plugged
- Hole open

* All dates are arbitrary and should be based on the date the queen is introduced into the divide.
Summer Management Of Parents And Divides

Source: University of Minnesota, Department of Entomology

Make 4 changes

- Hole plugged
- Hole open

JUNE 1  JUNE 10  JUNE 20  JULY 1  JULY 10  JULY 20  JULY 30
## A System For Managing Wintered Colonies

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<th>Task</th>
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</table>

**Main Flow**

**Inspections**

1. 2. 3. Every 7 - 10 days

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For information on disease & varroa mites see current Honey Bee Diseases and Pests, www.BeeLab.umn.edu