| Time of Year What is happening What is the biggest risk? What can we do to help them?  Winter Solstice Longer days - Start to raise brood  Early Food Food - More brood Backfilled nest Provide space above the brood nest (Supers, Reversals)  Warm nights Lots more food - nectar Swarming Splits  You need to be queen right, and in good shape to make enough food stores for winter  Main honey flow Lots more food - nectar Queen event Super like crazy Aites  Peed?  Peed?  Gueen Supercedure Mites  No food Nutritional Stress Feed Robbing  You need to have varroa mites under control BEFORE your winter bees are made!  Creation of Winter bees Secondary Honey Flow?  Backfill with food Not enough Feed early and often nectar Searly Winter No food, no brood, winter cluster Olds and old your job well Dipper entrance  What can we do to help them?  Check Feed bodies  Check Feed bodies  Check Feed Provide space above the brood bodies  Starvation Check Feed bodies  Check Feed Provide space above the brood bodies  Check if tipped Provide space above the brood nest (Supers, Reversals)  Feed?  Pollen?  Peed?  Peed?  Queen Supercedure  Mites  Robbing  Requeening  Requeening  Not enough Feed early and often Provide space above the brood Provide space above the brood of Not enough Provide space above the brood Provide space above the brood Provide Splits  Check Feed Provide Space above the brood Provide Splits  Check Feed Provide Space above the brood Provide Splits  Peed?  Peed?  Requeening  Requeening  Requeening  Not enough Provide space above the brood Provide Splits  Check Feed Provide Splits  Check Feed Provide Splits  Peed?  Peed?  Red?  Red?  Requeening  Requeening  Not enough Provide Splits  Peed early and often Provide Splits  Peed early and often Provide Splits  Peed Provide Splits  Peed?  Peed?  Peed?  Peed?  Red?  Peed?  Peed? |   |     |                        |                           |  |                             |  |
|---|---|-----|------------------------|---------------------------|--|-----------------------------|--|
| Winter Solstice  Longer days - Start to raise brood  Starvation  Check Feed  Candy boards  Wrap  Food — More brood  Backfilled nest  Provide space above the brood nest (Supers, Reversals)  Lots more food - nectar  You need to be queen right, and in good shape to make enough food stores for winter  Lots more food - nectar  Adain honey flow  Lots more food - nectar  Dearth  No food  Nutritional Stress  Feed  No food  Nutritional Stress  Feed  Raising most important generation  Notines  Notines  Notines  Not food, no brood,  No food, no brood,  No food, no brood,  Nothing — if you  Mouse guards  Check Feed  Check Feed  Check Feed  Check if tipped  Check Feed  Provide space above the brood nest (Supers, Reversals)  Feed?  Peed?  Check if tipped  Check Feed  Note of the pollen?  Pollen?  Feed?  Pollen?  Poulen?  Poulen Supercedure  Mites  Robbing  Requeening  Requeening  Robbing  No food, no brood,  Nothing — if you  Mouse guards  | Time of Year  |     |                        | What is the biggest risk? |  |                             |  |
| brood nest (Supers, Reversals)  Varm nights  Lots more food - nectar  | Winter Solstice   |     |                        | Starvation                | <ul> <li>Candy boards</li> </ul>         | bodies • Check if tipped    |  |
| You need to be queen right, and in good shape to make enough food stores for winter  Lots more food - nectar Queen event • Super like crazy • Queen Supercedure • Mites  Dearth No food Nutritional Stress • Feed • Robbing  You need to have varroa mites under control BEFORE your winter bees are made!  Creation of Winter bees Raising most important generation • Mites • Watch pollen  Secondary Honey Flow?  Backfill with food • Not enough nectar No food, no brood, • Nothing – if you • Mouse guards  | Early Food  |     | Food – More brood      | Backfilled nest           |  |                             |  |
| Main honey flow  Lots more food - nectar Queen event  Dearth  No food  Nutritional Stress Feed  Robbing  You need to have varroa mites under control BEFORE your winter bees are made!  Raising most important generation  Nutritional Stress  Keep mites under control  Watch pollen  Requeening  Nates  No food, no brood, Not enough nectar  No food, no brood, No food, no brood, Nothing – if you  Mites  No super like crazy  Robbing  Robbing  Requeening  Requeening  Replective  Replective  Nothing – if you  Mouse guards  | Warm nights   | V   |                        |                           |  | •                           |  |
| Dearth No food Nutritional Stress • Feed • Robbing  You need to have varroa mites under control BEFORE your winter bees are made!  Creation of Winter bees Raising most important generation • Mutritional Stress • Keep mites under control watch pollen  Raising most important generation • Mites • Watch pollen  Backfill with food • Not enough nectar  No food, no brood,  No food, no brood,  Nothing — if you • Mouse guards  |   | YOU | need to be queen right | , and in good snape to r  | make enough tood stores for v            |                             |  |
| You need to have varroa mites under control BEFORE your winter bees are made!  Creation of Winter bees  Secondary Honey Flow?  Backfill with food  No food, no brood,   | Main honey flow   |     | Lots more food - necto | ar Queen event            | Super like crazy                         | ·                           |  |
| Creation of Winter bees  Secondary Honey Flow?  Raising most important generation  Mites  Nutritional Stress  Keep mites under control  Watch pollen  Requeening  Not enough nectar  No food, no brood, No food, no brood,  No food, no brood,  Watch pollen  Requeening  Requeening  Note nough nectar  No food, no brood, Nothing – if you  Mouse guards  | Dearth  |     |                        |                           |  |                             |  |
| Winter bees  Secondary Honey Flow?  Early Winter  No food, no brood,  | You need to have varroa mites under control BEFORE your winter bees are made! |     |                        |                           |  |                             |  |
| Honey Flow?  Backfill with food  Not enough nectar  No food, no brood, Early Winter  No food, no brood,  No food, no brood,  No food, no brood,  No food, no brood,   |   |     |                        |                           | Recp inites offact confron               | • Requeening                |  |
| No food, no brood, • Nothing – if you • Mouse guards  | · ·   |     | Backfill with food     | · ·                       | <ul> <li>Feed early and often</li> </ul> | <ul> <li>Robbing</li> </ul> |  |
|   | Early Winter  |     |                        | • Nothing – if you        | ·  | Moisture board              |  |