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# Bee Diseases



By: Ryan and Tyler

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# Chronic bee paralysis virus (CBPV)

affects adult honey bees and causes a contagious case of chronic paralysis which can easily spread to other members of a colony. Symptoms include trembling of wings and body, loss of flight, loss of hair, and rejection by healthy members of the colony. Bees infected with CBPV die within a few days and is a factor in the loss of honeybee colonies.



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# How They Get CBPV

Bees are born with it but doesn't affect them until their adult life.



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# How To Treat CBPV

Comb replacement and requeening are the best responses to a virus infection



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## Other Info

Type 1 syndrome: Abnormal trembling motion of adult bees' wings. Wings may be spread or dislocated. Paralysis of adult bees' bodies; Adult bees are unable to fly and so are often found crawling in large numbers on the ground;

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# Sacbrood Virus (SBV)

mostly affects worker larvae, but can also infect adult honey bees causes an uneven brood pattern with discoloured, sunken or perforated cappings scattered throughout the brood



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# Symptoms

Perforated sealed brood, pupa present with undeveloped head. Color ranges from pearly white to pale yellow to brown and eventually to black, when it is in scale form it is brittle and easily removed.



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# Treatment

Only known treatment is requeening





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# Citations

[www.nationalbeeunit.com/downloadDocument.cfm?id=1158](http://www.nationalbeeunit.com/downloadDocument.cfm?id=1158)

<http://www.caes.uga.edu/departments/entomology/research/honey-bee-program/bees-beekeeping-pollination/honey-bee-disorders/honey-bee-disorders-viral-diseases.html>

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