

Being addressed	Solution exists but there are economic issues	Problem of cascade application	Existing solution	No solution in sight Expert input awaited
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Bees

*Updated in September 2019.*

Pathology	Therapeutic alternatives identified	Health impact	Economic impact	Comments
Nosemosis	No available drug No MRL for fumagillin	4	4	Risk of unauthorised drugs being used
	<i>Updated Sept 2019:</i> <i>N. apis</i> Nosemosis seems to have disappeared and been overtaken by <i>N. Ceranae</i> . Many biotech methods are available to manage emergencies (changing the queen, moving and ventilating the hive).			
American foulbrood	No authorised drug	5	5	Risk of AB being used and resistance developing. No need for drug. Treatment by transferring
Varroosis		5	5	Lack of efficacy of authorised drugs, Varroa resistance? RFSA (French Network for Animal Health) bee group: efficacy protocol for drugs to combat varroosis
	<i>Updated Sept 2019:</i> The list of available drugs has grown. Difficult to combat and treatment efficacy called into question by some veterinary practitioners.			
Virus diseases	<i>Updated Sept 2019:</i> - DWV (Deformed Wing Virus) plays a significant role in Varroa-related morbidity. - Chronic paralysis caused by CBPV. No treatment for these viruses.			