

2014 Bee Pest and Disease Diagnostics and Chemical Analysis Labs and Services in Canada

Province	Type of Test	AB	BC	MB	AB	ON	ON	QC	AB	SK	MB	ON	QC	NB	NS	ON	ON	ON	SK	AB
Lab name	----	NBDC	Animal Health Centre	U. Manitoba Bee Lab	AAFC Apiculture Lab	U Of G - Animal Health Lab	U of G (Honey Bee Research Centre)	MAPAQ - LEAQ and LEPAQ	Alberta Apiculture Lab	Saskatchewan Agriculture Bee Lab	MAFRD	OMAFRA - Apiary Program	MAPAQ - bee inspection team	DAAF	NSDA Bee Health Advisor & Inspectors	Activation Lab. Ltd.	U of G - Food Safety Lab	AAFC - National Identification Service	Vaccine and Infections Disease Organization (VIDO)	ARD (Agri-Food Laboratories)
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Lab location	----	Beaverlodge, AB	Abbotsford, BC	u of manitoba	Beaverlodge, AB	Guelph ON	Guelph ON	St-Hyacinthe and Québec	Edmonton, AB	Prince Albert SK	Winnipeg, MB	Guelph, ON	All around the province	Fredericton, NB	No formal lab. Office based in Truro, NS.	Ancaster, ON	Guelph ON	Ottawa ON	Saskatoon SK	Edmonton, AB
category	----	College	Provincial	University	Federal	University	University	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Provincial	Private lab	Provincial	Federal	University	provincial
dedication	----	Bees	Animal Health	Honey bees, Native bees	honey bees	Full service veterinary diagnostics	Honey bees		Apiculture	Apiculture	Crops and bees	Apiculture		Entomology	Apiculture	Environmental testing	Agriculture and Food products	Entomology		Agriculture
Nosema	counting	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	Collecting Samples		no	Maybe/private lab	No (planned for future)	yes	no	no	Yes
	PCR	yes	yes	yes, qPCR	yes	yes	yes		Through a private Lab	no	no at this time	Collecting Samples		no	no	No (planned for future)	no	no	yes	No
Tracheal mites	Count	yes	no	yes	yes	yes	yes	yes	yes/private lab	yes	no	Collecting Samples		no	Maybe/private lab	No (planned for future)	no	no	no	No
Varroa	Count	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes		no	yes	No (planned for future)	no	no	no	No
Chalkbrood	PCR	yes	yes	yes	yes	no	no		no	no	no	Collecting Samples			no	No	no	no	no	No
AFB- bacterial diseases	Bacteria	yes	yes	yes	yes	no	no	yes	yes	yes	yes	yes		no	yes	No (planned for future)	no	no	no	No
	AFB resistance	yes	yes	yes	yes	no	no	yes	(through USDA-ARS)	(through USDA-ARS)	In the past but no at this time	yes (though USDA-ARS)		(through USDA-ARS)	(through USDA-ARS)	No (planned for future)	no	no	no	No
	PCR	yes	yes	yes, qPCR	yes	yes	no		no	no	No	Collecting Samples		no	no	No (planned for future)	No	no	no	No
Viruses PCR	DWV	yes	yes	yes, qPCR	no	yes	yes		no	no	NO	Collecting Samples		no	no	yes	no	no	yes	No
	BQCV	yes	yes	yes, qPCR	no	yes	yes		no	no	NO	Collecting Samples		no	no	yes	no	no	yes	No
	KBV	yes	yes	yes, qPCR	no	yes	yes		no	no	NO	Collecting Samples		no	no	yes	no	no	yes	No
	ABPV	yes	yes	yes, qPCR	no	yes	yes		no	no	NO	Collecting Samples		no	no	yes	no	no	yes	No
	IAPV	yes	yes	yes, qPCR	no	yes	yes		no	no	NO	Collecting Samples		no	no	yes	no	no	yes	No
	CBPV	yes	no	yes, qPCR	no	yes	yes		no	no	NO	Collecting Samples		no	no	yes	no	no	yes	No
	SBV	yes	yes	yes, qPCR	no	yes	yes		no	no	NO	Collecting Samples		no	no	yes	no	no	yes	No
	Entomology (SHB)		yes	yes	yes	yes	no	no	yes	yes	yes	yes	yes		yes	Yes	No	no	yes	no
Pesticides		No	no	no	no	no	no	yes	no	no	No	Assist Regulatory PMRA / MOE		no	No	yes	yes	no	no	yes
Field dx		No	yes		yes				yes	yes	Yes	yes	yes	yes	Yes				no	