

**Commercial beekeeper samples taken right after New Jersey blueberry pollination (the beekeeper noticed his bees were not doing well after pollinating the blueberries, so he sent us wax, pollen, and dead honey bee pupae from the colonies)**

Sample type	Pesticide	Pesticide class	Concentration (ppb)	Some trade names for the pesticide
Wax	Azoxystrobin	fungicide	30.84	Abound, Acadia, Heritage
Wax	Boscalid	fungicide	3.9	Endura
Wax	Fluxapyroxad	fungicide	1.27	Merivon, Xemium
Wax	Fenbuconazole	fungicide	3.86	Indar 2F
Wax	Penthiopyrad	fungicide	5.48	Frontelis
Wax	Cyprodinil	fungicide	66.16	Vanguard WG
Wax	Propiconazole	fungicide	13.59	Alamo, Tilt, Mantis
Wax	Metconazole	fungicide	6.64	Quash, Tourney
Wax	Pyraclostrobin	fungicide	7.84	Cabria EG, Empress
Wax	Trifloxystrobin	fungicide	0.67	Flint, Gem
Wax	Difenoconazole	fungicide	0.63	Quadris-Top, Amistar
Wax	Buprofezin	insecticide	0.27	Applaud, Centaur
Wax	Chlorantraniliprole	insecticide	0.85	Altacor, Besiege
Wax	Methoxyfenozide	insecticide	2.79	Intrepid
Wax	Coumaphos	miticide	10.33	CheckMite
Wax	Piperonyl butoxide	synergist	1.52	Exponent, PBO-8
Pollen	Atrazine	herbicide	0.7	Atred, Gesaprim
Pollen	Metolachlor	herbicide	0.83	Dual, Bicep, Pennant
Pollen	Azoxystrobin	fungicide	104.35	Abound, Acadia, Heritage
Pollen	Boscalid	fungicide	0.59	Endura
Pollen	Myclobutanil	fungicide	0.88	Rally 40 WSP, Sonoma 40 WSP
Pollen	Fenbuconazole	fungicide	2.82	Indar 2F

Pollen	Cyprodinil	fungicide	4.8	Vanguard WG
Pollen	Metconazole	fungicide	15.74	Quash, Tourney
Pollen	Trifloxystrobin	fungicide	0.5	Flint, Gem
Pollen	Indoxacarb	insecticide	18.53	Avaunt
Pollen	Coumaphos	miticide	2.42	CheckMite
Dead pupae	Azoxystrobin	fungicide	1.23	Abound, Acadia, Heritage
Dead pupae	Cyprodinil	fungicide	2.1	Vanguard WG
Dead pupae	Coumaphos	miticide	0.6	CheckMite

**Wax pooled from ~10 colonies in central New York (some at the Dyce lab in Ithaca, some from hobby beekeepers in the area)**

Wax	Atrazine	herbicide	8.2	Atred, Gesaprim
Wax	Metolachlor	herbicide	2.9	Dual, Bicep, Pennant
Wax	Azoxystrobin	fungicide	37.55	Abound, Acadia, Heritage
Wax	Cyprodinil	fungicide	2.4	Vanguard WG
Wax	Difenoconazole	fungicide	32.9	Quadris-Top, Amistar
Wax	Pyraclostrobin	fungicide	4.2	Cabria EG, Empress
Wax	Trifloxystrobin	fungicide	0.6	Flint, Gem
Wax	Chlorantraniliprole	insecticide	2.3	Altacor, Besiege
Wax	Fenpyroximate	insecticide	0.5	Akari, Fugimite
Wax	Coumaphos	miticide	72.9	CheckMite
Wax	Piperonyl butoxide	synergist	0.2	Exponent, PBO-8