











	Parameters	s and measures		UNIVERSITÄT BERN
Effects				
Lethal	Mortality		•	Strongest effect Defined outcome
Subletha	al -	-		
Physiology e.g. immune Behaviour: e.g. social be Reproduction e.g. fitness, a Other: e.g. orientati	system, body mass ehaviour, foraging on: sperm quality, etc.	5	•	Different effect levels















Liebe	feld Co	.ie	be	fe	Cc eld	olc er	)n' ' e	y St	S' tii	tr n	ea	n ti	o g	th n	n: n	ne	et	h	bd	7	U <sup>b</sup> UNIVERSITÄT ERN
Perso	nnel		Date		Samp	led (Y/I	ion V)	_	~250	bee	s for	e Varr	oa;F	rame	Hive	e NDr.	_	~100	# Honey supers bees for viruses; Frame:	-	
								_	~100	bee	s for	Nose	ema;	Fram	ie:				1		
Frame	Bees	Capped	Cat (0-100 Uncapped	Honey	Pollen	Observ Eggs	Queen	# Sup Cups	w.	Queer Prov.	Capp-	# S Cups	warm w.	Queen Prov.	Cells	Chalk-	# Cells	<u> </u>	Notes	-	
Nbr.		Brood	Brood			- Mo			Eggs		ed		Eggs		ed	brood					
b	_				_					_											
$2\frac{a}{b}$																					
$3\frac{a}{b}$				-	-		-				-	-	-	-	-	-	-			-	-
4 <u>a</u>																					
<sub>c</sub> a	_				-		-				-	-			-	-					
b										_											
$6\frac{a}{b}$																					
$7\frac{a}{b}$		-			-		-				-	-	-	-	-	-	-			-	
8 <u>a</u>																					
	_			-	-		-		_							-					
b										_											
10 <u>a</u> b																					
11 <u>a</u>														-	-					_	
12 a																					
Notes																		Cat	% cover		
																		0	0 25		
																		50	26-50		
																		100	51-75 76-100		





































Control	Pesticides
Labelling & Tre Labelling & Tre Control Labelling & Tre Labelling & T	eatment 
Treatment gr	roups
Control	Pesticides
N. ceranae	Pesticides & N. ceranae







