

EUPT-FV-FH01 Preliminary Report

The Preliminary Report presented here contains the EUPT-FV-FH01 results submitted by participant laboratories. Please take into consideration that this is purely a **preliminary evaluation**, given that the EUPT Panel has not yet evaluated these results.

Table 1. Assigned values (Robuts mean, X*, mg/kg) and dispersion of the results (CVs*, %)

	Robust Mean X* (mg/kg)	CVs*(%)
Azoxystrobin	0.208	21.2
Chlorothalonil	0.041	40.8
Deltamethrin	0.233	29.5
Fenhexamid	0.063	18.5
Hexythiazox	0.084	27.1
Indoxacarb	0.478	20.0
Linuron	0.125	24.8
Pendimethalin	0.668	20.9
Spinosad	0.063	30.2
Thiacloprid	0.290	22.3

Table 2. Concentration of the pesticides in the test item (mg/kg)

Lab Code	Azoxystrobin	Chlorothalonil	Deltamethrin	Fenhexamid	Hexythiazox	Indoxacarb	Linuron	Pendimethalin	Spinosad	Thiacloprid
Lab001	0.170	0.027	0.320	0.063	0.074	0.430	0.110	0.550	0.048	0.290
Lab002	0.138	NA	0.237	0.055	0.066	0.566	0.057	0.720	0.044	0.230
Lab003	0.160	0.015	0.820	0.052	0.057	0.370	0.095	0.70	0.058	0.220
Lab004	0.200	0.018	0.220	NA	NA	0.530	0.120	0.730	NA	NA
Lab005	0.199	0.028	0.233	0.071	0.259	0.470	0.156	0.780	0.110	0.390
Lab006	0.160	0.022	0.210	0.050	0.064	0.450	0.025	0.420	0.041	0.220
Lab007	0.160	0.043	0.190	0.063	0.069	0.490	0.086	0.510	0.041	0.240
Lab008	0.161	0.019	0.067	0.051	0.134	0.201	0.109	0.570	0.047	0.225
Lab009	0.240	0.032	0.250	0.058	0.084	0.460	0.270	1.200	0.061	0.400
Lab010	0.114	0.040	0.102	NA	NA	NA	ND	0.980	NA	NA
Lab011	0.200	0.020	0.150	0.022	0.050	0.360	0.090	0.580	0.050	0.210
Lab012	0.150	0.020	0.130	0.050	0.020	0.260	0.110	0.330	ND	0.45
Lab013	0.192	0.018	0.440	0.028	0.086	0.539	0.087	0.696	0.088	0.177
Lab014	0.239	0.048	0.315	0.057	0.087	0.424	0.136	0.771	0.052	0.255
Lab015	0.270	0.027	0.277	0.062	0.099	0.640	0.131	0.730	0.095	0.348
Lab016	0.210	0.059	0.095	0.055	0.065	0.440	0.150	0.780	0.110	0.340
Lab017	0.209	0.053	0.242	0.070	0.058	0.362	0.104	0.063	0.060	0.334

Lab Code	Azoxystrobin	Chlorothalonil	Deltamethrin	Fenhexamid	Hexythiazox	Indoxacarb	Linuron	Pendimethalin	Spinosad	Thiacloprid
Lab018	0.230	0.063	0.282	0.091	0.104	0.461	0.123	0.596	0.080	0.260
Lab019	0.254	0.038	0.178	0.071	0.076	0.491	0.154	0.593	0.073	0.298
Lab020	0.180	0.025	0.240	0.076	0.093	0.370	0.099	0.480	0.048	0.290
Lab021	0.220	0.046	0.250	0.060	0.077	0.900	0.065	0.780	0.075	0.360
Lab022	0.243	ND	0.466	NA	NA	NA	NA	NA	NA	NA
Lab023	0.230	0.051	0.270	0.083	0.081	0.500	0.140	0.780	0.096	0.280
Lab024	0.210	0.049	0.280	0.065	0.068	0.490	0.140	0.680	0.048	0.310
Lab025	0.272	0.036	0.230	0.090	0.078	0.470	0.134	0.730	0.064	0.260
Lab026	0.170	0.065	0.200	0.052	0.061	0.410	0.130	0.700	0.048	0.240
Lab027	0.152	NA	0.100	0.054	0.145	0.310	0.130	0.520	0.078	0.246
Lab028	0.200	0.040	0.700	0.055	0.065	0.800	0.100	0.650	0.040	0.170
Lab029	0.223	0.039	0.220	0.068	0.089	0.440	0.141	0.734	0.062	0.292
Lab030	0.140	NA	0.250	0.060	NA	0.480	0.120	0.810	0.040	0.150
Lab031	0.260	NA	NA	0.053	0.074	0.700	0.190	0.880	0.059	0.370
Lab032	0.210	0.046	0.240	0.074	0.090	0.440	0.130	0.740	0.074	0.280
Lab033	0.203	NA	0.216	NA	0.082	0.458	0.360	0.716	NA	0.281
Lab034	0.206	0.027	0.154	0.060	0.102	0.603	0.131	0.777	0.060	0.280
Lab035	0.215	0.053	0.236	0.058	0.090	0.571	0.138	0.750	0.064	0.288
Lab036	0.360	NA	0.210	0.059	0.310	1.400	0.150	0.590	0.220	0.270
Lab037	0.197	0.040	0.200	0.057	NA	0.457	0.028	0.611	0.063	0.252
Lab038	0.240	0.031	0.201	0.067	0.129	0.323	0.136	0.543	0.101	0.408
Lab039	0.230	0.047	0.250	0.058	0.087	0.530	0.120	0.750	0.061	0.280
Lab040	0.180	0.042	0.230	0.066	0.066	0.440	0.130	0.580	0.056	0.300
Lab041	0.241	0.064	0.266	0.065	0.087	0.484	0.146	0.800	0.057	0.285
Lab042	0.216	0.030	0.230	0.053	0.077	0.510	0.126	0.715	0.065	0.273
Lab043	No results reported									
Lab044	0.187	NA	0.235	NA	0.117	0.494	NA	0.322	0.067	0.349
Lab045	0.350	NA	0.550	0.066	0.110	0.530	NA	0.810	0.065	0.350
Lab046	0.148	0.132	0.779	0.066	0.078	0.461	0.202	0.698	0.065	0.230
Lab047	0.240	NA	0.210	0.070	0.080	0.530	0.140	NA	0.080	0.210
Lab048	0.230	NA	0.260	NA	0.080	0.520	NA	0.870	0.090	0.310
Lab049	0.240	0.053	0.237	0.067	0.090	0.472	0.153	0.932	0.055	0.353
Lab050	0.133	0.030	0.220	0.070	0.126	0.485	0.167	0.610	0.049	0.359
Lab051	0.180	NA	0.240	0.060	0.050	0.350	0.08	0.030	0.040	0.250
Lab052	0.227	0.058	0.234	0.069	0.085	0.479	0.139	0.656	0.064	0.287
Lab053	0.220	NA	0.150	0.064	0.073	0.640	0.110	0.690	0.059	0.330
Lab054	0.171	NA	0.142	0.040	0.070	0.257	0.110	0.525	0.049	0.266
Lab055	0.172	0.032	0.214	0.075	0.060	0.552	0.120	0.568	0.041	0.381
Lab056	0.220	0.067	0.260	0.068	0.110	0.470	0.120	0.620	0.073	0.270
Lab057	0.210	0.060	0.163	0.080	0.086	0.611	ND	0.834	0.050	0.244
Lab058	NA	0.044	0.197	NA	NA	NA	NA	NA	NA	NA
Lab059	0.324	NA	0.263	0.090	0.102	0.551	NA	ND	0.084	0.373
Lab060	0.195	0.097	0.511	0.045	0.076	0.401	0.025	0.526	0.087	0.228
Lab061	0.190	0.034	0.140	0.081	0.090	0.480	0.144	0.750	0.076	0.192

Lab Code	Azoxystrobin	Chlorothalonil	Deltamethrin	Fenhexamid	Hexythiazox	Indoxacarb	Linuron	Pendimethalin	Spinosad	Thiacloprid
Lab062	NA	0.044	0.150	NA	0.130	0.470	NA	NA	0.170	0.280
Lab063	0.200	0.040	0.300	0.070	0.100	0.550	0.140	0.670	0.055	0.310
Lab064	0.180	0.034	0.184	0.089	0.093	0.441	0.164	0.584	0.057	0.428
Lab065	0.117	0.053	0.270	0.101	0.061	0.479	0.090	0.750	0.028	0.297

NA: Not analysed

ND: Not detected or detected below the LOQ

Table 3. z-Scores and Combined z-Scores. Category A Classification.

Lab Code	Azoxystrobin	Chlorothalonil	Deltamethrin	Fenhexamid	Hexythiazox	Indoxacarb	Linuron	Pendimethalin	Spinosad	Thiacloprid	AZ ² (only for labs in Category A : 90% of the pesticides and no F+)
Lab001	-0.7	-1.4	1.5	0.0	-0.5	-0.4	-0.5	-0.7	-1.0	0.0	0.7
Lab002	-1.3		0.1	-0.5	-0.9	0.7	-2.2	0.3	-1.2	-0.8	1.1
Lab003	-0.9	-2.5	>5.0	-0.7	-1.3	-0.9	-1.0	0.2	-0.3	-1.0	3.7
Lab004	-0.2	-2.2	-0.2			0.4	-0.2	0.4			
Lab005	-0.2	-1.3	0.0	0.5	>5.0	-0.1	1.0	0.7	3.0	1.4	3.9
Lab006	-0.9	-1.9	-0.4	-0.8	-1.0	-0.2	-3.2	-1.5	-1.4	-1.0	2.1
Lab007	-0.9	0.2	-0.7	0.0	-0.7	0.1	-1.2	-0.9	-1.4	-0.7	0.7
Lab008	-0.9	-2.1	-2.8	-0.7	2.4	-2.3	-0.5	-0.6	-1.0	-0.9	F+
Lab009	0.6	-0.9	0.3	-0.3	0.0	-0.2	4.6	3.2	-0.1	1.5	3.5
Lab010	-1.8	-0.1	-2.2				-3.7	1.9			
Lab011	-0.2	-2.0	-1.4	-2.6	-1.6	-1.0	-1.1	-0.5	-0.8	-1.1	F+
Lab012	-1.1	-2.0	-1.8	-0.8	-3.0	-1.8	-0.5	-2.0	-3.4	2.2	4.2
Lab013	-0.3	-2.2	3.6	-2.2	0.1	0.5	-1.2	0.2	1.6	-1.6	2.9
Lab014	0.6	0.7	1.4	-0.4	0.1	-0.5	0.4	0.6	-0.7	-0.5	0.4
Lab015	1.2	-1.4	0.8	-0.1	0.8	1.4	0.2	0.4	2.0	0.8	1.1
Lab016	0.0	1.8	-2.4	-0.5	-0.9	-0.3	0.8	0.7	3.0	0.7	2.0
Lab017	0.0	1.2	0.2	0.4	-1.2	-1.0	-0.7	-3.6	-0.2	0.6	1.8
Lab018	0.4	2.1	0.8	1.8	1.0	-0.1	-0.1	-0.4	1.1	-0.4	1.1
Lab019	0.9	-0.3	-0.9	0.5	-0.4	0.1	0.9	-0.4	0.6	0.1	0.4
Lab020	-0.5	-1.6	0.1	0.8	0.4	-0.9	-0.8	-1.1	-1.0	0.0	0.7
Lab021	0.2	0.5	0.3	-0.2	-0.3	3.5	-1.9	0.7	0.8	1.0	1.9
Lab022	0.7	-3.0	4.0								
Lab023	0.4	1.0	0.6	1.3	-0.1	0.2	0.5	0.7	2.1	-0.1	0.8
Lab024	0.0	0.8	0.8	0.1	-0.8	0.1	0.5	0.1	-1.0	0.3	0.3
Lab025	1.2	-0.5	-0.1	1.7	-0.3	-0.1	0.3	0.4	0.1	-0.4	0.5
Lab026	-0.7	2.3	-0.6	-0.7	-1.1	-0.6	0.2	0.2	-1.0	-0.7	1.0
Lab027	-1.1		-2.3	-0.6	2.9	-1.4	0.2	-0.9	1.0	-0.6	2.1
Lab028	-0.2	-0.1	>5.0	-0.5	-0.9	2.7	-0.8	-0.1	-1.5	-1.7	3.9

Lab Code	Azoxystrobin	Chlorothalonil	Deltamethrin	Fenhexamid	Hexythiazox	Indoxacarb	Linuron	Pendimethalin	Spinosad	Thiacloprid	AZ ² (only for labs in Category A : 90% of the pesticides and no F+)
Lab029	0.3	-0.2	-0.2	0.3	0.2	-0.3	0.5	0.4	-0.1	0.0	0.1
Lab030	-1.3		0.3	-0.2		0.0	-0.2	0.9	-1.5	-1.9	
Lab031	1.0			-0.6	-0.5	1.9	2.1	1.3	-0.3	1.1	
Lab032	0.0	0.5	0.1	0.7	0.3	-0.3	0.2	0.4	0.7	-0.1	0.2
Lab033	-0.1		-0.3		-0.1	-0.2	>5.0	0.3		-0.1	
Lab034	0.0	-1.4	-1.4	-0.2	0.9	1.0	0.2	0.7	-0.2	-0.1	0.6
Lab035	0.1	1.2	0.1	-0.3	0.3	0.8	0.4	0.5	0.1	0.0	0.3
Lab036	2.9		-0.4	-0.3	>5.0	>5.0	0.8	-0.5	>5.0	-0.3	9.4
Lab037	-0.2	-0.1	-0.6	-0.4		-0.2	-3.1	-0.3	0.0	-0.5	1.2
Lab038	0.6	-1.0	-0.5	0.3	2.1	-1.3	0.4	-0.7	2.4	1.6	1.7
Lab039	0.4	0.6	0.3	-0.3	0.1	0.4	-0.2	0.5	-0.1	-0.1	0.1
Lab040	-0.5	0.1	-0.1	0.2	-0.9	-0.3	0.2	-0.5	-0.4	0.1	0.2
Lab041	0.6	2.2	0.6	0.1	0.1	0.1	0.7	0.8	-0.4	-0.1	0.7
Lab042	0.2	-1.1	-0.1	-0.6	-0.3	0.3	0.0	0.3	0.1	-0.2	0.2
Lab043	No results reported										
Lab044	-0.4		0.0		1.6	0.1		-2.1	0.3	0.8	
Lab045	2.7		>5.0	0.2	1.2	0.4		0.9	0.1	0.8	
Lab046	-1.2	>5.0	>5.0	0.2	-0.3	-0.1	2.5	0.2	0.1	-0.8	F+
Lab047	0.6		-0.4	0.4	-0.2	0.4	0.5		1.1	-1.1	
Lab048	0.4		0.5		-0.2	0.4		1.2	1.7	0.3	
Lab049	0.6	1.2	0.1	0.3	0.3	-0.1	0.9	1.6	-0.5	0.9	0.6
Lab050	-1.4	-1.1	-0.2	0.4	2.0	0.1	1.3	-0.3	-0.9	1.0	1.1
Lab051	-0.5		0.1	-0.2	-1.6	-1.1	-1.4	-3.8	-1.5	-0.6	2.6
Lab052	0.4	1.7	0.0	0.4	0.0	0.0	0.4	-0.1	0.1	0.0	0.3
Lab053	0.2		-1.4	0.1	-0.5	1.4	-0.5	0.1	-0.3	0.6	0.5
Lab054	-0.7		-1.6	-1.5	-0.7	-1.8	-0.5	-0.9	-0.9	-0.3	1.2
Lab055	-0.7	-0.9	-0.3	0.8	-1.1	0.6	-0.2	-0.6	-1.4	1.3	0.8
Lab056	0.2	2.5	0.5	0.3	1.2	-0.1	-0.2	-0.3	0.6	-0.3	0.9
Lab057	0.0	1.9	-1.2	1.1	0.1	1.1	-3.7	1.0	-0.8	-0.6	2.3
Lab058		0.3	-0.6								
Lab059	2.2		0.5	1.7	0.9	0.6		-3.9	1.3	1.1	
Lab060	-0.3	>5.0	4.8	-1.1	-0.4	-0.6	-3.2	-0.9	1.5	-0.9	6.4
Lab061	-0.3	-0.7	-1.6	1.1	0.3	0.0	0.6	0.5	0.8	-1.4	0.8
Lab062		0.3	-1.4		2.2	-0.1			>5.0	-0.1	
Lab063	-0.2	-0.1	1.2	0.4	0.8	0.6	0.5	0.0	-0.5	0.3	0.3
Lab064	-0.5	-0.7	-0.8	1.7	0.4	-0.3	1.2	-0.5	-0.4	1.9	1.0
Lab065	-1.8	1.2	0.6	2.4	-1.1	0.0	-1.1	0.5	-2.2	0.1	1.8

NA: Not analysed

False negatives are highlighted in yellow.

Laboratories that have reported a false positive and for that reason they have been removed from Category A are marked as F+.

Boscalid, pirimicarb and pirimicarb-desmethyl were also present in the test item at concentrations above the MRRL (0.01 mg/kg) but as the assigned value was lower than four times the MRRL, no statistical treatment was made for them.