

EUPT-FV20 Preliminary Report

The report presented here contains the EUPT-FV20 results submitted by participant laboratories and their evaluation after revision of the EUPT Scientific Committee. Chlorothalonil and metaflumizone will not be considered for the evaluation of the laboratories.

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

	Robust Mean X* (mg/kg)	CVs*(%)
Boscalid	0.039	16.9
Buprofezin	0.738	17.6
Carbendazim	0.039	20.8
Clothianidin	0.036	15.4
Diazinon	0.044	17.7
Dimethoate	0.049	16.2
Etofenprox	0.372	18.1
Fenpyroximate	0.377	21.7
Imazalil	0.038	27.1
Iprodione	0.056	24.5
Pyridaben	0.935	17.6
Spiromesifen	0.603	20.7
Tau-Fluvalinate	0.122	26.0
Tebuconazole	1.220	16.7
Tebufenpyrad	1.029	17.4
Thiabendazole	0.048	18.6
Thiamethoxam	0.367	15.1
Voluntary Pesticides		
Fenpyrazamine	0.131	15.6
Penthiopyrad	0.058	17.1

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

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimethoate	Etofenprox	Fenpyroximate	Imazalil	Iprodione
Lab001	0.042	0.940	0.038	0.039	0.048	0.052	0.410	0.530	0.026	0.064
Lab002	0.044	0.874	0.033	0.037	0.056	0.047	0.399	0.445	0.047	0.063
Lab003	0.045	0.804	0.048	0.040	0.048	0.057	0.460	0.519	0.046	0.037

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimethoate	Ethofenprox	Fenprophymate	Imazalil	Iprodione
Lab004	0.044	0.782	0.049	0.031	0.045	0.051	0.412	0.398	0.051	0.071
Lab005	0.037	0.806	0.034	0.037	0.044	0.051	0.408	0.398	0.034	0.066
Lab006	0.043	0.801	0.033	0.036	0.050	0.049	0.316	0.361	0.047	NA
Lab007	0.031	0.666	0.049	0.041	0.036	0.054	0.407	0.439	0.048	0.040
Lab008	0.033	0.820	0.041	0.039	0.046	0.049	0.364	0.418	0.032	0.056
Lab009	0.046	0.677	0.033	0.039	0.040	0.052	0.302	0.313	0.039	0.064
Lab010	0.015	0.430	0.036	0.037	0.047	0.037	0.300	0.240	0.029	0.011
Lab011	0.042	0.650	0.049	NA	0.035	0.052	0.330	NA	0.034	NA
Lab012	0.040	0.770	0.042	0.037	0.045	0.050	0.410	0.390	0.047	0.047
Lab013	NA	0.600	0.050	NA	0.060	0.050	NA	NA	0.110	0.060
Lab014	0.040	0.838	0.032	0.025	0.041	0.041	0.590	0.487	0.024	0.063
Lab015	0.043	0.707	0.036	0.038	0.043	0.059	0.349	0.379	0.030	0.040
Lab016	0.039	0.661	0.038	0.029	0.045	0.052	0.427	0.365	0.034	0.057
Lab017	0.054	0.815	0.038	0.032	0.046	0.063	0.352	0.342	0.046	0.073
Lab018	0.034	0.710	0.033	0.030	0.035	0.045	0.378	0.385	0.042	0.043
Lab019	0.040	0.852	0.039	0.032	0.052	0.055	0.360	0.414	0.049	ND
Lab020	0.024	0.582	ND	NA	0.033	ND	0.359	NA	ND	ND
Lab021	0.033	0.753	NA	0.045	0.049	0.046	0.347	ND	ND	0.049
Lab022	0.045	0.692	0.046	0.038	0.050	0.054	0.471	0.528	0.063	0.065
Lab023	0.043	0.738	0.059	0.062	0.039	0.083	0.493	0.368	0.050	0.056
Lab024	0.041	0.826	0.042	0.034	0.066	0.049	0.394	0.429	0.048	0.059
Lab025	0.043	0.804	0.047	0.033	0.051	0.052	0.400	0.418	0.057	0.056
Lab026	0.045	0.708	0.035	0.029	0.047	0.050	0.263	0.297	0.031	0.054
Lab027	0.036	0.707	0.035	0.031	0.052	0.040	0.403	0.497	0.026	0.065
Lab028	0.043	0.585	0.041	0.031	0.037	0.039	0.356	0.270	0.041	0.069
Lab029	0.036	0.825	0.047	0.042	0.051	0.054	0.380	0.595	0.036	0.054
Lab030	0.028	0.631	0.037	0.047	0.052	0.055	NA	0.398	0.048	0.066
Lab031	0.036	0.726	0.032	0.040	0.041	0.045	0.378	0.379	0.041	ND
Lab032	0.034	0.603	0.054	0.041	0.039	0.061	0.520	0.509	0.053	0.054
Lab033	0.043	0.698	0.030	0.037	0.050	0.067	0.384	0.355	0.034	0.071
Lab034	0.034	0.669	0.029	0.033	0.036	0.048	0.422	0.742	0.030	0.059
Lab035	0.035	0.620	0.039	0.032	0.033	0.041	0.370	0.320	0.029	0.100
Lab036	0.040	0.740	0.020	0.040	0.040	0.050	0.350	0.350	0.050	NA
Lab037	0.054	0.850	0.050	0.034	0.073	0.050	0.520	0.450	0.055	0.082
Lab038	0.043	0.790	0.038	0.037	0.040	0.050	0.360	0.280	0.048	0.049
Lab039	0.042	0.950	NA	NA	0.051	0.052	0.441	NA	0.035	0.055
Lab040	0.047	0.915	0.049	0.036	0.053	0.053	0.461	0.405	0.060	0.066
Lab041	0.045	0.719	0.033	0.036	0.034	0.059	0.256	0.278	0.045	0.051
Lab042	0.039	0.741	0.038	0.034	0.044	0.050	0.275	0.329	0.046	0.051
Lab043	0.026	0.568	0.035	0.031	0.030	0.041	0.300	0.291	0.038	0.043
Lab044	0.035	0.890	0.034	0.034	0.046	0.043	0.370	0.320	0.032	ND
Lab045	0.031	0.568	0.029	ND	0.036	0.053	NA	0.171	0.033	0.066

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimethoate	Ethofenprox	Fenprothymate	Imazalil	Iprodione
Lab046	0.038	0.695	0.037	0.036	0.042	0.048	0.374	0.374	0.032	0.051
Lab047	0.037	0.699	0.036	0.027	0.045	0.040	0.396	0.377	0.033	0.050
Lab048	0.039	0.712	0.039	0.033	0.046	0.059	0.302	0.362	0.037	0.055
Lab049	0.036	0.603	0.027	0.024	0.039	0.032	0.352	0.329	0.045	0.043
Lab050	0.043	0.711	0.034	0.034	0.046	0.056	0.321	0.343	0.039	0.057
Lab051	0.033	0.699	0.030	0.029	0.046	0.044	0.312	0.338	0.029	0.062
Lab052	0.037	0.710	0.030	0.037	0.044	0.046	0.205	0.340	0.041	0.070
Lab053	0.041	0.626	0.038	0.037	0.043	0.052	0.318	0.348	0.038	0.058
Lab054	0.041	0.870	0.056	0.042	0.059	0.052	0.404	0.488	0.046	0.066
Lab055	0.044	0.787	0.039	0.037	0.051	0.052	0.385	0.382	0.047	0.095
Lab056	No results reported									
Lab057	0.037	0.804	0.041	0.035	0.040	0.049	0.434	0.411	0.041	0.053
Lab058	0.057	0.755	0.040	0.040	0.049	0.052	0.414	0.401	0.037	0.065
Lab059	0.042	0.842	0.041	0.035	0.048	0.050	0.448	0.430	0.036	0.064
Lab060	0.035	0.638	0.034	NA	0.036	0.043	0.333	0.268	0.028	0.044
Lab061	0.045	0.770	0.040	0.033	0.050	0.045	0.330	0.310	0.037	0.058
Lab062	0.040	0.807	0.043	0.033	0.060	0.056	0.404	0.438	0.042	0.062
Lab063	0.048	0.840	0.048	0.034	0.044	0.047	0.396	0.390	0.044	0.061
Lab064	0.049	0.699	0.029	0.027	0.043	0.041	0.401	0.379	0.039	0.065
Lab065	0.053	0.735	0.037	0.033	0.046	0.063	0.393	0.390	0.032	0.066
Lab066	0.038	0.776	0.044	0.039	0.044	0.049	0.435	0.425	0.047	0.054
Lab067	No results reported									
Lab068	0.055	0.900	0.031	0.042	0.049	0.050	0.422	0.395	0.041	0.041
Lab069	0.041	0.699	0.038	0.039	0.044	0.050	0.396	0.473	0.037	0.059
Lab070	0.038	0.760	0.057	0.040	0.046	0.057	0.481	0.501	0.073	0.046
Lab071	0.042	0.651	0.046	0.037	0.032	0.059	0.265	0.370	0.040	0.052
Lab072	0.035	0.831	0.037	0.033	0.039	0.060	0.381	0.426	0.030	0.066
Lab073	0.044	0.908	0.043	0.040	0.052	0.055	0.418	0.472	0.043	0.074
Lab074	0.037	0.895	NA	NA	0.051	0.053	0.358	0.858	NA	NA
Lab075	0.040	0.846	NA	0.038	0.047	0.051	0.396	NA	0.038	0.041
Lab076	0.028	0.544	0.023	0.029	0.030	0.044	0.302	0.331	0.019	0.042
Lab077	0.042	0.990	0.048	0.048	0.049	0.065	0.492	0.476	0.024	0.067
Lab078	0.024	0.473	ND	0.026	0.027	0.030	0.220	0.201	0.025	0.033
Lab079	0.036	0.705	0.045	0.038	0.042	0.062	0.371	0.437	0.045	0.053
Lab080	0.040	0.807	0.031	0.032	0.045	0.049	0.315	0.446	0.034	0.044
Lab081	0.045	0.768	0.040	0.038	0.042	0.051	0.387	0.433	0.031	0.079
Lab082	0.036	0.560	NA	NA	0.075	0.028	NA	ND	0.024	ND
Lab083	0.046	0.740	0.051	0.039	0.032	0.047	0.360	0.370	0.047	0.050
Lab084	0.038	0.830	NA	NA	0.043	0.041	0.420	NA	0.031	0.041
Lab085	0.041	0.807	0.032	0.038	0.048	0.049	0.419	0.424	0.033	0.039
Lab086	0.055	0.680	0.058	0.044	0.045	0.057	0.364	0.192	0.032	0.080
Lab087	0.040	0.825	0.038	0.034	0.055	0.046	0.450	0.510	0.035	0.060

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimethoate	Ethofenprox	Fenpyroximate	Imazalil	Iprodione
Lab088	0.026	NA	NA	NA	0.030	NA	NA	NA	0.020	NA
Lab089	0.036	0.852	0.043	0.041	0.060	0.054	0.399	0.412	0.048	0.045
Lab090	0.018	0.859	NA	NA	0.032	0.060	NA	NA	0.025	0.046
Lab091	0.027	0.733	0.031	0.031	0.040	0.043	0.347	0.385	0.025	0.071
Lab092	0.035	0.670	0.049	0.038	0.027	0.049	0.400	0.380	0.034	0.051
Lab093	0.033	0.701	0.038	0.023	0.039	0.053	0.299	0.295	0.039	0.057
Lab094	0.034	0.817	0.032	0.036	0.049	0.049	0.438	0.426	0.044	0.064
Lab095	0.037	0.609	0.042	0.048	0.042	0.061	0.408	0.425	0.047	0.070
Lab096	NA	0.855	NA	NA	NA	NA	NA	NA	NA	NA
Lab097	0.043	0.450	NA	0.031	0.040	0.033	NA	0.330	0.039	NA
Lab098	0.028	0.610	0.044	0.024	0.030	0.035	0.270	0.270	0.016	0.023
Lab099	0.042	0.556	0.045	0.035	0.045	0.048	0.400	0.301	0.049	0.045
Lab100	0.031	0.591	0.104	0.039	0.040	0.047	0.300	0.364	0.041	0.061
Lab101	0.041	0.695	0.044	NA	0.045	0.056	0.363	0.342	0.050	0.069
Lab102	0.047	0.892	0.044	0.052	0.058	0.060	0.315	0.364	0.025	0.110
Lab103	0.041	0.891	0.067	0.070	0.059	0.084	0.356	0.346	0.025	0.074
Lab104	0.045	0.655	0.057	0.034	0.045	0.046	0.334	0.435	0.034	ND
Lab105	0.033	0.956	0.089	0.035	0.048	0.047	0.423	0.308	0.027	0.048
Lab106	0.030	0.552	0.082	0.030	0.054	0.045	0.305	0.266	0.024	0.046
Lab107	0.041	0.711	0.048	0.034	0.047	0.056	0.360	0.467	0.054	0.069
Lab108	NA	0.660	0.020	NA	0.030	0.210	0.270	0.310	NA	0.050
Lab109	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lab110	0.024	0.670	0.020	0.330	0.016	0.034	0.215	NA	0.023	0.041
Lab111	0.044	1.100	0.062	0.040	0.053	0.061	0.383	ND	0.063	0.068
Lab112	NA	NA	0.100	NA	0.068	0.057	NA	NA	NA	ND
Lab113	0.041	0.670	0.077	0.034	0.039	0.046	NA	0.338	0.014	0.057
Lab114	NA	0.876	NA	NA	0.053	0.058	NA	NA	NA	NA
Lab115	0.035	0.708	0.033	0.041	0.038	0.050	0.372	0.456	0.030	0.071
Lab116	0.040	0.732	0.026	0.037	0.045	0.044	0.332	0.390	0.040	0.057
Lab117	0.038	0.804	0.037	0.039	0.043	0.051	0.372	0.413	0.022	0.039
Lab118	0.032	0.469	NA	0.024	NA	0.034	0.136	0.275	0.026	0.014
Lab119	0.040	0.604	0.030	0.044	0.045	0.051	0.443	0.401	0.035	0.071
Lab120	0.054	NA	NA	NA	0.047	0.035	0.461	NA	0.083	0.067
Lab121	0.047	0.769	0.042	0.039	0.051	0.050	0.392	0.407	0.027	0.056
Lab122	0.052	0.876	0.044	0.038	0.051	0.056	0.364	0.431	0.048	0.050
Lab123	0.036	0.577	0.047	0.034	0.040	0.049	0.342	0.376	0.027	0.060
Lab124	Participation cancelled									
Lab125	0.042	0.788	0.037	0.035	0.047	0.054	0.377	0.344	0.034	0.061
Lab126	0.048	0.779	0.038	0.040	0.051	0.054	0.450	0.397	0.054	0.062
Lab127	0.056	0.925	0.042	0.046	0.050	0.048	0.440	0.439	0.031	0.040
Lab128	0.040	0.877	0.035	0.033	0.047	0.049	0.828	0.662	0.043	0.050
Lab129	0.028	0.881	0.039	0.037	0.036	0.064	0.369	0.387	NA	0.056

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimethoate	Ethofenprox	Fenpyroximate	Imazalil	Iprodione
Lab130	0.040	0.764	0.040	0.032	0.040	0.042	0.366	0.460	0.035	0.047
Lab131	0.044	0.651	0.029	0.030	0.046	0.034	0.421	0.381	0.033	NA
Lab132	0.038	0.725	0.187	0.030	0.050	0.041	0.232	0.441	0.029	NA
Lab133	0.025	0.680	0.040	0.027	0.020	0.036	0.190	0.400	0.013	0.040
Lab134	0.030	0.493	NA	0.048	NA	0.055	NA	0.301	0.041	NA
Lab135	0.040	0.810	0.040	0.030	0.040	0.050	0.370	0.340	0.040	0.050
Lab136	0.042	0.816	0.085	0.039	0.048	0.052	0.349	0.354	0.043	0.063
Lab137	0.042	0.637	0.025	0.039	0.048	0.036	0.378	0.365	0.054	0.071
Lab138	0.040	0.780	0.030	0.030	0.040	0.040	0.320	0.290	0.010	0.050
Lab139	NA	0.298	0.031	0.043	0.020	0.035	NA	NA	0.015	0.017
Lab140	0.035	0.728	0.040	0.031	0.044	0.049	0.375	0.387	0.049	0.050
Lab141	0.043	0.950	0.041	0.030	0.043	0.045	0.420	0.450	0.039	0.059
Lab142	0.035	0.594	NA	NA	0.047	0.035	0.332	0.269	0.051	0.064
Lab143	0.031	0.862	0.050	0.032	0.042	0.057	0.275	0.379	0.031	0.051
Lab144	0.046	0.961	0.040	0.042	0.052	0.050	0.450	0.454	0.046	0.062
Lab145	0.036	0.770	0.041	0.036	0.050	0.051	0.400	0.280	0.041	0.038
Lab146	0.038	1.001	0.044	0.043	0.055	0.054	0.470	0.540	0.047	0.042
Lab147	0.041	0.677	0.029	NA	0.044	0.034	0.414	NA	0.042	0.082
Lab148	0.049	0.900	0.040	0.050	0.064	0.071	0.450	0.420	0.047	0.073
Lab149	Participation cancelled									
Lab150	0.034	0.683	0.031	NA	0.037	0.042	0.370	NA	0.036	0.046
Lab151	NA	NA	NA	NA	NA	NA	0.324	NA	NA	NA
Lab152	0.047	0.899	0.057	0.037	0.053	0.056	0.352	0.152	0.040	0.117
Lab153	0.022	0.498	0.033	0.036	0.011	0.052	0.219	0.255	0.030	0.021
Lab154	0.040	0.774	0.033	0.044	0.016	0.051	NA	0.427	0.024	0.033
Lab155	0.052	0.661	0.029	0.032	0.047	0.047	0.425	0.417	0.053	0.085
Lab156	0.049	0.851	0.043	0.021	0.055	0.046	NA	0.310	0.053	0.079
Lab157	0.041	0.620	NA	NA	0.045	NA	0.392	NA	0.051	0.063
Lab158	0.039	0.797	0.042	0.034	0.046	0.050	0.372	0.365	0.040	0.054
Lab159	0.030	0.751	NA	0.030	0.042	0.032	0.338	0.264	0.022	0.091
Lab160	NA	NA	NA	NA	0.043	0.049	0.348	NA	NA	NA
Lab161	0.028	0.492	0.042	NA	0.041	0.046	0.173	NA	0.036	0.047
Lab162	0.045	0.465	0.023	0.039	0.036	0.059	0.216	0.403	0.037	0.055
Lab163	0.039	0.854	0.049	0.045	0.050	0.032	0.595	NA	0.034	0.082
Lab164	0.029	0.460	0.028	0.032	0.033	0.100	0.290	0.300	0.031	0.038
Lab165	0.039	0.925	0.031	0.043	0.043	0.054	0.061	0.100	0.042	0.046
Lab166	0.030	0.620	0.040	0.030	0.040	0.050	0.360	0.250	0.030	0.040
Lab167	0.050	1.080	0.014	0.014	0.053	0.032	0.504	0.428	0.034	0.060
Lab168	0.039	0.858	0.042	0.039	0.053	0.057	0.651	ND	0.049	0.070
Lab169	0.043	0.580	0.041	NA	0.040	0.048	NA	NA	0.036	0.044
Lab170	0.044	NA	0.026	NA	0.045	0.056	NA	NA	NA	NA
Lab171	0.038	0.722	0.037	0.040	0.043	0.049	0.396	0.386	0.026	0.056

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimethoate	Ethofenprox	Fenpyroximate	Imazalil	Iprodione
Lab172	0.038	0.743	0.033	0.035	0.047	0.046	0.350	0.330	0.043	0.050
Lab173	ND	ND	NA	0.032	0.015	0.028	0.036	0.096	ND	0.072
Lab174	0.049	0.492	0.020	0.052	0.028	0.079	0.318	0.286	0.030	0.070
Lab175	NA	NA	NA	NA	0.020	0.021	NA	NA	NA	0.021
Lab176	0.040	1.000	0.034	0.035	0.050	0.052	0.339	0.266	0.037	0.054
Lab177	0.037	0.759	0.045	0.034	0.045	0.057	0.307	0.353	0.051	0.056
Lab178	0.044	0.982	0.050	0.024	0.067	0.047	0.385	0.322	0.034	0.053
Lab179	0.035	0.750	0.048	0.038	0.038	0.045	0.370	0.330	0.040	0.045
Lab180	NA	NA	NA	NA	0.035	NA	NA	NA	NA	NA
Lab181	0.055	0.493	NA	NA	0.035	NA	NA	NA	ND	0.108
Lab182	0.075	ND	NA	NA	ND	ND	0.019	NA	ND	ND
Lab183	0.032	0.588	NA	0.032	0.036	0.040	0.294	0.278	0.028	0.034
Lab184	0.042	0.630	0.035	0.041	0.050	0.047	0.270	0.370	0.031	0.062
Lab185	0.038	0.638	NA	0.038	0.026	0.083	0.339	0.200	0.057	0.077
Lab186	0.039	0.667	0.035	0.034	0.041	0.041	0.328	0.531	0.025	0.054

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

Lab Code	Pyridaben	Spiromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam	Fenpyrazamine (voluntary)	Penthiopyrad (voluntary)
Lab001	1.060	0.640	0.150	1.360	1.050	0.050	0.400	0.160	NA
Lab002	0.886	0.723	0.137	1.430	1.150	0.051	0.413	0.144	0.063
Lab003	0.985	0.517	0.098	1.221	0.998	0.050	0.500	0.120	0.042
Lab004	1.090	0.671	0.150	1.280	1.290	0.053	0.376	NA	NA
Lab005	0.979	0.660	0.154	1.420	1.110	0.045	0.369	0.138	0.053
Lab006	0.840	0.688	0.053	1.520	1.130	0.045	0.340	0.125	0.052
Lab007	0.919	0.472	0.187	0.939	0.906	0.059	0.552	0.100	0.040
Lab008	0.877	0.501	0.132	1.560	1.300	0.054	0.361	0.160	0.061
Lab009	0.677	0.526	0.098	0.859	0.870	0.051	0.442	NA	0.053
Lab010	0.310	0.180	0.014	0.770	0.810	0.048	0.300	0.095	0.036
Lab011	0.740	NA	0.103	1.350	0.880	0.051	0.307	NA	NA
Lab012	0.920	0.590	0.080	1.100	1.000	0.053	0.390	0.133	0.054
Lab013	0.770	NA	NA	NA	NA	0.080	0.330	NA	NA
Lab014	1.126	0.725	0.146	1.248	1.183	0.044	0.356	0.130	0.109
Lab015	1.020	0.555	0.109	1.300	0.975	0.043	0.382	0.120	0.047
Lab016	0.912	0.675	0.025	1.130	0.963	0.042	0.388	0.112	0.050

Lab Code	Pyridaben	Spiromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam		Fenpyrazamine (voluntary)	Penthiopyrad (voluntary)
Lab017	0.914	0.614	ND	1.397	1.169	0.049	0.409		NA	NA
Lab018	0.938	0.633	0.140	1.160	0.940	0.038	0.313		0.127	0.055
Lab019	1.100	0.700	0.109	1.280	1.260	0.048	0.382		NA	NA
Lab020	0.753	NA	0.085	0.502	0.932	ND	NA		NA	NA
Lab021	0.898	ND	0.074	1.200	1.150	0.053	0.447		NA	NA
Lab022	1.330	0.741	0.120	1.100	1.230	0.048	0.371		NA	NA
Lab023	1.010	0.908	0.159	1.190	1.020	0.083	0.570		0.142	0.065
Lab024	0.861	0.729	0.119	1.440	1.190	0.057	0.466		0.135	0.071
Lab025	0.664	0.732	0.088	1.540	0.865	0.050	0.404		NA	NA
Lab026	0.890	0.493	0.119	1.176	0.956	0.049	0.299		0.108	0.055
Lab027	0.817	0.411	0.153	1.398	1.178	0.043	0.273		NA	NA
Lab028	0.725	0.435	0.118	1.365	0.901	0.041	0.271		NA	NA
Lab029	1.013	0.618	0.129	1.247	1.082	0.050	0.432		0.112	0.054
Lab030	1.060	0.650	NA	1.380	1.180	0.043	0.339		NA	NA
Lab031	0.950	0.597	0.123	1.186	0.974	0.041	0.335		0.114	0.059
Lab032	1.060	0.479	0.095	1.340	1.360	0.055	0.398		NA	NA
Lab033	0.998	0.666	0.100	1.096	0.875	0.057	0.352		0.121	NA
Lab034	0.906	0.558	0.159	1.076	0.919	0.067	0.407		NA	NA
Lab035	0.930	NA	0.150	1.100	1.200	0.045	0.350		NA	NA
Lab036	0.930	0.590	0.140	1.010	0.970	0.040	0.390		NA	NA
Lab037	1.300	0.600	0.150	1.300	1.000	0.052	0.360		0.200	0.080
Lab038	0.940	0.750	0.130	1.280	0.940	0.054	0.340		NA	0.062
Lab039	0.861	0.648	0.142	1.046	1.049	0.048	0.468		NA	NA
Lab040	1.094	0.706	0.131	1.379	1.216	0.053	0.387		0.140	0.069
Lab041	0.887	0.805	0.104	0.830	0.703	0.041	0.296		NA	NA
Lab042	0.840	0.623	0.126	1.250	1.180	0.041	0.411		NA	NA
Lab043	0.738	0.482	0.107	0.809	0.757	0.036	0.324		NA	NA
Lab044	1.170	1.160	0.130	1.240	1.190	0.034	0.300		0.130	0.071
Lab045	0.674	0.480	0.079	1.055	0.733	0.032	0.336		NA	NA
Lab046	0.828	0.465	0.107	0.970	0.915	0.042	0.323		0.101	0.043
Lab047	0.915	0.604	0.154	1.209	1.010	0.050	0.304		0.122	0.043
Lab048	0.864	0.639	0.118	1.320	1.170	0.053	0.380		0.131	0.068
Lab049	0.776	0.534	0.076	1.031	0.864	0.030	0.341		0.101	0.055
Lab050	0.876	0.616	0.118	1.250	1.160	0.052	0.378		0.123	0.065
Lab051	1.039	0.502	0.129	1.060	0.902	0.043	0.345		0.126	0.049
Lab052	0.850	0.525	0.086	1.225	0.950	0.046	0.360		0.118	0.055
Lab053	0.871	0.643	0.113	1.230	1.290	0.053	0.376		0.119	0.053
Lab054	1.030	0.624	0.115	1.530	1.150	0.054	0.490		NA	NA
Lab055	0.994	0.638	0.135	1.160	0.984	0.056	0.407		0.135	0.072
Lab056			No results reported							
Lab057	1.040	0.615	0.100	1.370	1.120	0.045	0.317		NA	NA
Lab058	0.942	0.648	0.137	1.321	1.126	0.053	0.382		NA	NA

Lab Code	Pyridaben	Spiromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam		Fenpyrazamine (voluntary)	Penthiopyrad (voluntary)	
Lab059	1.770	0.925	0.146	1.400	1.440	0.043	0.400		0.152	NA	
Lab060	0.869	0.746	0.059	1.140	0.863	0.040	0.400		NA	NA	
Lab061	0.830	0.590	0.094	1.280	1.010	0.046	0.330		0.100	0.051	
Lab062	1.100	0.598	0.122	1.290	1.170	0.055	0.353		0.142	0.055	
Lab063	1.240	NA	0.099	1.110	1.120	0.049	0.320		NA	NA	
Lab064	0.872	0.733	0.193	1.160	0.988	0.037	0.333		0.129	ND	
Lab065	0.989	0.607	0.132	1.301	1.067	0.113	0.359		NA	NA	
Lab066	0.790	0.500	0.144	1.243	1.070	0.050	0.469		0.129	0.052	
Lab067			No results reported								
Lab068	1.550	0.730	0.105	1.150	1.100	0.024	0.350		0.150	0.067	
Lab069	0.812	0.686	0.138	1.440	1.070	0.053	0.376		0.132	0.053	
Lab070	1.030	0.708	0.126	1.260	1.060	0.059	0.388		0.214	0.057	
Lab071	0.580	0.450	0.074	1.310	0.751	0.059	0.379		NA	NA	
Lab072	0.898	0.624	0.140	1.205	0.765	0.043	0.418		NA	NA	
Lab073	1.130	0.727	0.131	1.370	1.220	0.056	0.409		0.147	0.071	
Lab074	0.949	0.563	0.085	1.300	1.090	0.047	NA		NA	NA	
Lab075	1.050	0.727	0.193	1.200	1.110	0.052	0.373		NA	NA	
Lab076	0.941	0.060	0.108	0.925	0.860	0.029	0.311		NA	0.016	
Lab077	1.290	0.867	0.167	1.620	1.380	0.054	0.434		0.169	NA	
Lab078	0.669	0.529	0.077	0.775	0.665	NA	0.224		NA	NA	
Lab079	0.864	0.522	0.116	1.131	0.959	0.056	0.408		0.123	0.053	
Lab080	1.150	0.822	0.128	1.570	1.180	0.043	0.402		0.144	0.066	
Lab081	1.033	0.512	0.150	1.340	1.080	0.050	0.403		0.109	0.051	
Lab082	0.710	NA	0.120	0.890	0.770	0.014	NA		NA	NA	
Lab083	0.910	0.600	0.099	1.200	1.000	0.073	0.390		NA	NA	
Lab084	1.100	0.600	0.110	1.400	1.100	0.039	NA		NA	NA	
Lab085	1.020	0.561	0.157	1.410	1.150	0.042	0.384		0.141	0.060	
Lab086	0.720	0.565	0.090	1.434	0.955	0.061	0.462		NA	NA	
Lab087	1.170	0.760	0.160	1.300	1.210	0.043	0.351		0.137	0.063	
Lab088	NA	NA	NA	0.861	NA	NA	NA		NA	NA	
Lab089	0.947	0.540	0.100	1.210	1.059	0.046	0.352		NA	NA	
Lab090	0.680	NA	0.127	0.965	NA	0.061	0.425		NA	NA	
Lab091	0.926	0.612	0.158	1.360	0.885	0.034	0.394		NA	NA	
Lab092	0.990	0.610	0.140	1.200	1.100	0.052	0.380		0.130	0.062	
Lab093	1.459	0.539	0.122	1.264	0.962	0.045	0.336		NA	NA	
Lab094	1.062	0.669	0.107	1.370	1.050	0.155	0.473		0.132	0.055	
Lab095	0.769	0.727	0.137	1.386	1.153	0.064	0.395		NA	NA	
Lab096	0.857	NA	0.106	NA	NA	0.075	NA		NA	NA	
Lab097	0.610	NA	ND	1.300	0.630	0.033	0.330		NA	NA	
Lab098	0.560	0.490	0.095	1.260	0.910	0.031	0.320		0.130	0.037	
Lab099	0.986	0.560	0.187	1.110	0.974	0.048	0.289		0.102	0.059	
Lab100	0.742	0.433	0.142	0.941	0.848	0.055	0.360		NA	0.050	

Lab Code	Pyridaben	Spiromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam		Fenpyrazamine (voluntary)	Penthiopyrad (voluntary)	
Lab101	1.040	NA	0.095	1.120	0.952	0.049	0.332		NA	NA	
Lab102	0.812	0.469	ND	1.224	0.985	0.051	0.516		NA	NA	
Lab103	0.902	0.432	ND	1.238	0.941	0.046	0.575		NA	NA	
Lab104	0.929	0.384	0.137	1.094	0.957	0.047	0.365		NA	NA	
Lab105	1.150	0.481	0.086	1.160	1.340	0.045	0.315		NA	NA	
Lab106	0.824	0.535	0.093	1.160	0.955	0.078	0.264		0.109	0.043	
Lab107	0.998	0.576	0.112	1.170	1.250	0.051	0.387		NA	NA	
Lab108	0.610	0.750	0.180	0.850	0.920	0.320	0.160		NA	NA	
Lab109	NA	NA	NA	NA	NA	NA	NA		NA	NA	
Lab110	NA	NA	0.166	0.903	NA	0.033	0.300		NA	NA	
Lab111	1.180	0.434	0.190	1.070	0.807	0.054	0.440		NA	NA	
Lab112	NA	NA	NA	3.170	NA	0.048	NA		NA	NA	
Lab113	0.829	NA	0.064	0.887	NA	0.049	0.356		NA	NA	
Lab114	NA	NA	NA	NA	1.220	NA	NA		NA	NA	
Lab115	0.642	0.417	0.171	1.190	0.939	0.049	0.356		0.148	0.078	
Lab116	0.979	0.569	0.121	1.160	0.935	0.035	0.322		NA	NA	
Lab117	0.963	0.568	0.116	1.450	1.100	0.043	0.375		NA	NA	
Lab118	0.747	0.416	0.057	0.871	0.604	NA	NA		NA	NA	
Lab119	0.735	0.559	0.202	0.895	0.993	0.052	0.302		0.140	0.080	
Lab120	1.150	NA	NA	1.210	1.090	NA	NA		NA	NA	
Lab121	0.914	0.546	0.110	1.330	0.979	0.045	0.366		0.133	0.053	
Lab122	1.023	0.642	0.133	1.276	1.111	0.057	0.391		0.141	NA	
Lab123	0.738	0.653	0.145	1.140	0.767	0.043	0.350		NA	NA	
Lab124			Participation Cancelled								
Lab125	0.931	0.568	0.132	1.270	1.020	0.043	0.395		0.148	0.074	
Lab126	1.070	0.599	0.260	1.240	1.250	0.063	0.387		NA	NA	
Lab127	1.090	0.650	0.141	1.310	1.050	0.056	0.391		NA	NA	
Lab128	1.170	0.706	0.178	1.260	1.080	0.055	0.365		0.134	0.062	
Lab129	1.310	NA	0.129	1.200	1.110	NA	0.486		NA	NA	
Lab130	0.882	0.433	0.123	1.000	1.190	0.039	0.417		NA	NA	
Lab131	0.871	NA	NA	1.090	1.010	0.040	0.281		NA	NA	
Lab132	1.090	0.570	NA	1.180	1.150	0.029	0.341		NA	NA	
Lab133	0.730	0.240	0.064	0.940	0.710	0.047	0.320		0.100	NA	
Lab134	NA	NA	NA	NA	0.726	0.058	0.435		NA	NA	
Lab135	0.920	NA	0.130	1.210	1.030	0.040	0.330		NA	NA	
Lab136	1.060	0.737	0.114	1.490	1.240	0.042	0.377		0.155	0.062	
Lab137	0.757	0.884	0.146	1.341	0.969	0.043	0.336		NA	NA	
Lab138	0.850	0.530	0.110	1.080	1.080	0.040	0.340		NA	NA	
Lab139	0.482	0.277	0.073	0.863	0.443	0.042	0.266		NA	NA	
Lab140	0.991	0.594	0.129	1.070	1.010	0.045	0.314		0.114	0.054	
Lab141	1.210	0.780	0.100	1.420	1.240	0.047	0.310		0.150	0.061	
Lab142	0.845	0.621	0.164	1.110	1.040	NA	0.252		NA	0.053	

Lab Code	Pyridaben	Spiromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam		Fenpyrazamine (voluntary)	Penthiopyrad (voluntary)	
Lab143	0.814	0.474	0.077	1.285	1.134	0.050	0.376		NA	NA	
Lab144	1.098	0.681	0.117	1.689	1.295	0.045	0.419		0.135	0.085	
Lab145	0.900	0.580	0.140	1.390	1.330	0.046	0.390		0.140	0.058	
Lab146	1.101	0.738	0.060	1.528	1.264	0.063	0.344		0.183	0.062	
Lab147	1.052	0.669	NA	1.154	0.982	0.043	NA		NA	0.066	
Lab148	0.980	0.790	0.150	1.600	1.200	0.053	0.360		0.170	0.052	
Lab149			Participation Cancelled								
Lab150	0.855	0.578	0.143	1.040	0.959	0.039	NA		0.119	0.053	
Lab151	0.833	NA	0.113	1.592	0.802	NA	NA		NA	NA	
Lab152	0.919	0.524	0.172	1.401	1.192	0.059	0.431		0.152	NA	
Lab153	0.981	0.851	0.071	0.576	0.962	0.049	0.256		NA	NA	
Lab154	1.050	0.422	NA	1.830	1.270	0.294	0.316		NA	NA	
Lab155	1.060	0.656	0.213	1.600	1.280	0.038	0.275		0.142	0.047	
Lab156	1.222	NA	0.131	1.141	0.861	0.051	NA		NA	NA	
Lab157	0.985	NA	0.130	1.280	1.020	0.042	NA		NA	NA	
Lab158	1.040	0.641	0.104	1.220	1.040	0.047	0.336		0.122	0.053	
Lab159	0.729	0.486	NA	1.160	1.020	0.056	0.285		0.099	NA	
Lab160	1.280	0.583	0.194	1.070	NA	NA	NA		NA	NA	
Lab161	0.958	NA	0.076	1.060	1.420	0.053	NA		NA	NA	
Lab162	0.974	0.292	0.098	1.001	0.687	0.049	0.354		NA	NA	
Lab163	1.087	0.698	0.152	1.302	1.106	0.046	0.373		NA	NA	
Lab164	0.650	0.190	0.081	0.840	0.660	0.081	0.370		NA	NA	
Lab165	NA	0.677	0.124	1.520	NA	0.361	0.391		0.220	NA	
Lab166	0.890	0.520	0.140	0.940	0.800	0.040	0.360		NA	NA	
Lab167	1.030	0.797	0.029	1.370	1.220	0.033	0.166		NA	NA	
Lab168	0.756	0.910	0.152	0.922	0.778	0.063	0.402		NA	NA	
Lab169	NA	NA	0.112	0.960	NA	0.046	NA		NA	NA	
Lab170	NA	NA	NA	NA	NA	0.049	0.535		NA	NA	
Lab171	0.982	0.576	0.118	1.140	0.996	0.042	0.348		0.147	0.058	
Lab172	0.880	0.490	0.158	1.140	1.190	0.050	0.350		0.118	0.057	
Lab173	ND	0.202	ND	1.050	0.215	0.022	0.227		NA	NA	
Lab174	0.753	0.256	0.131	0.993	0.922	0.050	0.545		0.100	0.050	
Lab175	NA	NA	NA	NA	NA	NA	NA		NA	NA	
Lab176	1.280	0.528	0.122	1.540	1.230	0.044	0.483		NA	ND	
Lab177	0.954	NA	0.096	1.440	1.130	0.059	0.365		NA	NA	
Lab178	0.944	NA	0.112	1.017	0.915	0.051	0.319		NA	NA	
Lab179	1.000	0.600	0.130	1.300	0.980	0.050	0.370		ND	0.060	
Lab180	NA	NA	NA	NA	NA	NA	NA		NA	NA	
Lab181	NA	NA	NA	1.280	NA	NA	NA		NA	NA	
Lab182	0.051	0.970	0.016	0.061	0.034	NA	NA		NA	NA	
Lab183	0.811	0.281	NA	0.762	0.773	0.037	0.269		NA	NA	
Lab184	0.860	0.470	0.120	1.300	1.000	0.048	0.330		0.130	0.060	

Lab Code	Pyridaben	Spiromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam		Fenpyrazamine (voluntary)	Penthiopyrad (voluntary)
Lab185	NA	0.496	0.114	1.380	0.487	0.027	0.488		NA	NA
Lab186	0.956	0.624	0.127	1.338	1.081	0.038	0.503		NA	NA

NA: Not analysed
 ND: Not detected

Table 3. z-Scores using FFP RSD 25 % and Combined z-Scores. Category A Classification

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimefhoate	Ethofenprox	Fenpyroxymate	Imazalil	Iprodione	Pyridaben	Spyromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam	AZ2 (For Labs in Category A)
001	0.3	1.1	-0.1	0.4	0.4	0.2	0.4	1.6	-1.3	0.6	0.5	0.2	0.9	0.5	0.1	0.2	0.4	0.5
002	0.5	0.7	-0.6	0.1	1.1	-0.2	0.3	0.7	0.9	0.5	-0.2	0.8	0.5	0.7	0.5	0.3	0.5	0.4
003	0.6	0.4	1.0	0.5	0.4	0.6	0.9	1.5	0.8	-1.4	0.2	-0.6	-0.8	0.0	-0.1	0.2	1.4	0.6
004	0.5	0.2	1.1	-0.5	0.1	0.1	0.4	0.2	1.4	1.1	0.7	0.5	0.9	0.2	1.0	0.4	0.1	0.5
005	-0.2	0.4	-0.5	0.2	0.0	0.1	0.4	0.2	-0.4	0.7	0.2	0.4	1.0	0.7	0.3	-0.3	0.0	0.2
006	0.3	0.3	-0.5	0.0	0.5	0.0	-0.6	-0.2	1.0	NA	-0.4	0.6	-2.3	1.0	0.4	-0.3	-0.3	0.6
007	-0.9	-0.4	1.1	0.6	-0.7	0.3	0.4	0.7	1.0	-1.1	-0.1	-0.9	2.1	-0.9	-0.5	0.9	2.0	1.0
008	-0.7	0.4	0.2	0.4	0.2	0.0	-0.1	0.4	-0.7	0.0	-0.2	-0.7	0.3	1.1	1.1	0.5	-0.1	0.3
009	0.7	-0.3	-0.6	0.4	-0.4	0.2	-0.8	-0.7	0.1	0.6	-1.1	-0.5	-0.8	-1.2	-0.6	0.3	0.8	0.4
010	-2.5	-1.7	-0.3	0.1	0.3	-1.0	-0.8	-1.5	-0.9	-3.2	-2.7	-2.8	-3.5	-1.5	-0.9	0.0	-0.7	3.2
011	0.3	-0.5	1.1	NA	-0.8	0.2	-0.5	NA	-0.4	NA	-0.8	NA	-0.6	0.4	-0.6	0.3	-0.7	
012	0.1	0.2	0.4	0.1	0.1	0.1	0.4	0.1	0.9	-0.6	-0.1	-0.1	-1.4	-0.4	-0.1	0.4	0.3	0.2
013	NA	-0.7	1.2	NA	1.5	0.1	NA	NA	5.0	0.3	-0.7	NA	NA	NA	NA	2.7	-0.4	
014	0.1	0.5	-0.7	-1.2	-0.3	-0.7	2.3	1.2	-1.5	0.5	0.8	0.8	0.8	0.1	0.6	-0.3	-0.1	0.8
015	0.4	-0.2	-0.3	0.2	-0.1	0.8	-0.2	0.0	-0.8	-1.1	0.4	-0.3	-0.4	0.3	-0.2	-0.4	0.2	0.2
016	0.0	-0.4	-0.1	-0.8	0.1	0.2	0.6	-0.1	-0.4	0.1	-0.1	0.5	-3.2	-0.3	-0.3	-0.5	0.2	0.7
017	1.5	0.4	-0.1	-0.4	0.2	1.1	-0.2	-0.4	0.8	1.2	-0.1	0.1	-3.7	0.6	0.5	0.1	0.5	1.2
018	-0.6	-0.2	-0.6	-0.6	-0.8	-0.3	0.1	0.1	0.4	-1.0	0.0	0.2	0.6	-0.2	-0.3	-0.9	-0.6	0.3
019	0.1	0.6	0.0	-0.4	0.7	0.5	-0.1	0.4	1.2	-3.3	0.7	0.6	-0.4	0.2	0.9	0.0	0.2	0.9
020	-1.6	-0.8	-3.0	NA	-1.0	-3.8	-0.1	NA	-2.9	-3.3	-0.8	NA	-1.2	-2.4	-0.4	-3.2	NA	
021	-0.7	0.1	NA	1.0	0.5	-0.3	-0.3	-3.9	-3.5	-0.5	-0.2	-3.9	-1.6	-0.1	0.5	0.4	0.9	
022	0.5	-0.2	0.8	0.2	0.6	0.4	1.1	1.6	2.6	0.7	1.7	0.9	-0.1	-0.4	0.8	0.0	0.0	
023	0.4	0.0	2.1	2.9	-0.4	2.7	1.3	-0.1	1.3	0.0	0.3	2.0	1.2	-0.1	0.0	2.9	2.2	2.5
024	0.2	0.5	0.4	-0.2	2.0	0.0	0.2	0.6	1.1	0.2	-0.3	0.8	-0.1	0.7	0.6	0.8	1.1	0.6
025	0.4	0.4	0.8	-0.3	0.6	0.2	0.3	0.4	2.0	0.0	-1.2	0.9	-1.1	1.0	-0.6	0.2	0.4	0.6
026	0.6	-0.2	-0.4	-0.7	0.2	0.1	-1.2	-0.8	-0.7	-0.2	-0.2	-0.7	-0.1	-0.1	-0.3	0.1	-0.7	0.3

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimethoate	Ethofenprox	Fenpyroximate	Imazalil	Iprodione	Pyridaben	Spyromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam	AZ2 (For Labs in Category A)
027	-0.4	-0.2	-0.4	-0.5	0.8	-0.7	0.3	1.3	-1.3	0.6	-0.5	-1.3	1.0	0.6	0.6	-0.4	-1.0	0.6
028	0.3	-0.8	0.2	-0.5	-0.6	-0.9	-0.2	-1.1	0.3	0.9	-0.9	-1.1	-0.1	0.5	-0.5	-0.6	-1.0	0.5
029	-0.4	0.5	0.9	0.7	0.7	0.4	0.1	2.3	-0.2	-0.2	0.3	0.1	0.2	0.1	0.2	0.2	0.7	0.5
030	-1.2	-0.6	-0.2	1.3	0.7	0.5	NA	0.2	1.1	0.7	0.5	0.3	NA	0.5	0.6	-0.4	-0.3	
031	-0.4	-0.1	-0.7	0.5	-0.3	-0.3	0.1	0.0	0.3	3.3	0.1	0.0	0.0	-0.1	-0.2	-0.6	-0.3	0.7
032	-0.6	-0.7	1.6	0.5	-0.5	1.0	1.6	1.4	1.6	-0.2	0.5	-0.8	-0.9	0.4	1.3	0.6	0.3	0.9
033	0.4	-0.2	-0.9	0.1	0.6	1.4	0.1	-0.2	-0.4	1.1	0.3	0.4	-0.7	-0.4	-0.6	0.8	-0.2	0.4
034	-0.6	-0.4	-1.0	-0.3	-0.7	-0.1	0.5	3.9	-0.8	0.2	-0.1	-0.3	1.2	-0.5	-0.4	1.6	0.4	1.3
035	-0.5	-0.6	0.0	-0.4	-1.0	-0.7	0.0	-0.6	-0.9	3.1	0.0	NA	0.9	-0.4	0.7	-0.3	-0.2	
036	0.1	0.0	-1.9	0.5	-0.4	0.1	-0.2	-0.3	1.3	NA	0.0	-0.1	0.6	-0.7	-0.2	-0.7	0.3	
037	1.5	0.6	1.2	-0.2	2.7	0.1	1.6	0.8	1.8	1.9	1.6	0.0	0.9	0.3	-0.1	0.3	-0.1	1.5
038	0.4	0.3	-0.1	0.1	-0.4	0.1	-0.1	-1.0	1.1	-0.5	0.0	1.0	0.3	0.2	-0.3	0.5	-0.3	0.3
039	0.3	1.2	NA	NA	0.7	0.2	0.7	NA	-0.3	-0.1	-0.3	0.3	0.7	-0.6	0.1	0.0	1.1	
040	0.8	1.0	1.1	0.0	0.8	0.3	1.0	0.3	2.3	0.7	0.7	0.7	0.3	0.5	0.7	0.4	0.2	0.7
041	0.5	-0.1	-0.6	0.0	-0.9	0.8	-1.2	-1.1	0.7	-0.4	-0.2	1.3	-0.6	-1.3	-1.3	-0.6	-0.8	
042	0.0	0.0	0.0	-0.2	0.0	0.1	-1.0	-0.5	0.8	-0.4	-0.4	0.1	0.1	0.1	0.6	-0.6	0.5	0.2
043	-1.4	-0.9	-0.4	-0.5	-1.2	-0.7	-0.8	-0.9	0.0	-1.0	-0.8	-0.8	-0.5	-1.3	-1.1	-1.0	-0.5	0.8
044	-0.5	0.8	-0.5	-0.2	0.2	-0.5	0.0	-0.6	-0.6	3.3	1.0	3.7	0.3	0.1	0.6	-1.2	-0.7	1.8
045	-0.9	-0.9	-1.0	-2.9	-0.7	0.3	NA	-2.2	-0.5	0.7	-1.1	-0.8	-1.4	-0.5	-1.2	-1.3	-0.3	
046	-0.1	-0.2	-0.1	0.1	-0.1	-0.1	0.0	0.0	-0.6	-0.4	-0.5	-0.9	-0.5	-0.8	-0.4	-0.5	-0.5	0.2
047	-0.3	-0.2	-0.3	-1.0	0.1	-0.7	0.3	0.0	-0.5	-0.4	-0.1	0.0	1.0	0.0	-0.1	0.2	-0.7	0.2
048	0.0	-0.1	0.0	-0.3	0.2	0.8	-0.8	-0.2	-0.1	-0.1	-0.3	0.2	-0.1	0.3	0.5	0.4	0.1	0.1
049	-0.4	-0.7	-1.2	-1.3	-0.4	-1.4	-0.2	-0.5	0.7	-0.9	-0.7	-0.5	-1.5	-0.6	-0.6	-1.5	-0.3	0.8
050	0.3	-0.1	-0.4	-0.2	0.2	0.6	-0.5	-0.4	0.1	0.0	-0.3	0.1	-0.1	0.1	0.5	0.3	0.1	0.1
051	-0.7	-0.2	-0.9	-0.8	0.1	-0.4	-0.6	-0.4	-1.0	0.4	0.4	-0.7	0.2	-0.5	-0.5	-0.4	-0.2	0.3
052	-0.3	-0.2	-0.9	0.1	0.0	-0.3	-1.8	-0.4	0.3	1.0	-0.4	-0.5	-1.2	0.0	-0.3	-0.2	-0.1	0.4
053	0.1	-0.6	-0.1	0.1	-0.1	0.2	-0.6	-0.3	0.0	0.2	-0.3	0.3	-0.3	0.0	1.0	0.4	0.1	0.1
054	0.1	0.7	1.8	0.7	1.4	0.2	0.3	1.2	0.9	0.7	0.4	0.1	-0.2	1.0	0.5	0.5	1.3	
055	0.4	0.3	0.0	0.1	0.7	0.2	0.1	0.1	0.9	2.8	0.3	0.2	0.4	-0.2	-0.2	0.6	0.4	0.6
056	No results reported																	
057	-0.3	0.4	0.2	0.0	-0.4	-0.1	0.7	0.4	0.3	-0.2	0.4	0.1	-0.7	0.5	0.4	-0.3	-0.5	0.2
058	1.7	0.1	0.1	0.4	0.4	0.2	0.5	0.3	-0.1	0.7	0.0	0.3	0.5	0.3	0.4	0.4	0.2	0.3
059	0.2	0.6	0.2	-0.1	0.4	0.0	0.8	0.6	-0.2	0.6	3.6	2.1	0.8	0.6	1.6	-0.4	0.4	1.4
060	-0.4	-0.5	-0.4	NA	-0.7	-0.5	-0.4	-1.2	-1.0	-0.9	-0.3	0.9	-2.1	-0.3	-0.6	-0.7	0.4	
061	0.6	0.2	0.1	-0.3	0.6	-0.3	-0.5	-0.7	-0.1	0.1	-0.4	-0.1	-0.9	0.2	-0.1	-0.2	-0.4	0.2
062	0.1	0.4	0.5	-0.3	1.5	0.6	0.3	0.6	0.4	0.4	0.7	0.0	0.0	0.2	0.5	0.6	-0.2	0.3
063	0.9	0.6	1.0	-0.2	0.0	-0.2	0.3	0.1	0.6	0.3	1.3	NA	-0.7	-0.4	0.4	0.1	-0.5	
064	1.0	-0.2	-1.0	-0.9	-0.1	-0.7	0.3	0.0	0.1	0.7	-0.3	0.9	2.3	-0.2	-0.2	-1.0	-0.4	0.7
065	1.4	0.0	-0.2	-0.3	0.2	1.1	0.2	0.1	-0.6	0.7	0.2	0.0	0.3	0.3	0.1	5.0	-0.1	1.7
066	-0.2	0.2	0.6	0.4	0.0	0.0	0.7	0.5	0.9	-0.1	-0.6	-0.7	0.7	0.1	0.2	0.2	1.1	0.3
067	No results reported																	
068	1.5	0.9	-0.8	0.6	0.5	0.0	0.5	0.2	0.3	-1.1	2.6	0.8	-0.6	-0.2	0.3	-2.0	-0.2	1.0

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimethoate	Ethiofenprox	Fenpyroximate	Imazalil	Iprodione	Pyridaben	Spyromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam	AZ2 (For Labs in Category A)
069	0.1	-0.2	-0.1	0.3	0.0	0.1	0.3	1.0	-0.1	0.2	-0.5	0.6	0.5	0.7	0.2	0.4	0.1	0.2
070	-0.2	0.1	1.9	0.5	0.2	0.6	1.2	1.3	3.7	-0.7	0.4	0.7	0.1	0.1	0.1	0.9	0.2	1.4
071	0.3	-0.5	0.8	0.1	-1.1	0.8	-1.2	-0.1	0.2	-0.3	-1.5	-1.0	-1.6	0.3	-1.1	0.9	0.1	0.7
072	-0.4	0.5	-0.2	-0.3	-0.4	0.9	0.1	0.5	-0.9	0.7	-0.2	0.1	0.6	0.0	-1.0	-0.4	0.6	0.3
073	0.4	0.9	0.4	0.5	0.7	0.5	0.5	1.0	0.5	1.3	0.8	0.8	0.3	0.5	0.7	0.7	0.5	0.5
074	-0.3	0.9	NA	NA	0.6	0.3	-0.2	5.0	NA	NA	0.1	-0.3	-1.2	0.3	0.2	-0.1	NA	
075	0.0	0.6	NA	0.3	0.3	0.1	0.3	NA	0.0	-1.1	0.5	0.8	2.3	-0.1	0.3	0.3	0.1	
076	-1.2	-1.1	-1.7	-0.8	-1.3	-0.4	-0.8	-0.5	-2.0	-1.0	0.0	-3.6	-0.5	-1.0	-0.7	-1.6	-0.6	1.9
077	0.3	1.4	0.9	1.3	0.5	1.3	1.3	1.1	-1.5	0.8	1.5	1.8	1.5	1.3	1.4	0.5	0.7	1.4
078	-1.6	-1.4	-3.0	-1.1	-1.5	-1.6	-1.6	-1.9	-1.4	-1.6	-1.1	-0.5	-1.5	-1.5	-1.4	NA	-1.6	2.5
079	-0.4	-0.2	0.7	0.2	-0.2	1.0	0.0	0.6	0.7	-0.3	-0.3	-0.5	-0.2	-0.3	-0.3	0.6	0.4	0.2
080	0.1	0.4	-0.7	-0.5	0.1	0.0	-0.6	0.7	-0.4	-0.9	0.9	1.5	0.2	1.1	0.6	-0.4	0.4	0.5
081	0.6	0.2	0.1	0.3	-0.2	0.1	0.2	0.6	-0.8	1.6	0.4	-0.6	0.9	0.4	0.2	0.1	0.4	0.3
082	-0.4	-1.0	NA	NA	2.8	-1.7	NA	-3.9	-1.5	-3.3	-1.0	NA	-0.1	-1.1	-1.0	-2.8	NA	
083	0.7	0.0	1.3	0.4	-1.1	-0.2	-0.1	-0.1	0.9	-0.4	-0.1	0.0	-0.8	-0.1	-0.1	2.1	0.3	0.6
084	-0.2	0.5	NA	NA	-0.1	-0.7	0.5	NA	-0.7	-1.1	0.7	0.0	-0.4	0.6	0.3	-0.8	NA	
085	0.2	0.4	-0.7	0.2	0.4	0.0	0.5	0.5	-0.5	-1.2	0.4	-0.3	1.1	0.6	0.5	-0.5	0.2	0.3
086	1.6	-0.3	2.0	0.9	0.1	0.6	-0.1	-2.0	-0.6	1.7	-0.9	-0.3	-1.0	0.7	-0.3	1.1	1.0	
087	0.1	0.5	-0.1	-0.2	1.0	-0.3	0.8	1.4	-0.3	0.3	1.0	1.0	1.2	0.3	0.7	-0.4	-0.2	0.5
088	-1.4	NA	NA	NA	-1.3	NA	NA	NA	-1.9	NA	NA	NA	NA	-1.2	NA	NA	NA	
089	-0.4	0.6	0.5	0.5	1.5	0.4	0.3	0.4	1.1	-0.8	0.1	-0.4	-0.7	0.0	0.1	-0.2	-0.2	0.4
090	-2.2	0.7	NA	NA	-1.1	0.9	NA	NA	-1.4	-0.7	-1.1	NA	0.2	-0.8	NA	1.1	0.6	
091	-1.3	0.0	-0.8	-0.5	-0.3	-0.5	-0.3	0.1	-1.3	1.1	0.0	0.1	1.2	0.5	-0.6	-1.2	0.3	0.6
092	-0.5	-0.4	1.1	0.2	-1.5	0.0	0.3	0.0	-0.4	-0.4	0.2	0.0	0.6	-0.1	0.3	0.3	0.1	0.3
093	-0.6	-0.2	0.0	-1.5	-0.5	0.3	-0.8	-0.9	0.1	0.1	2.2	-0.4	0.0	0.1	-0.3	-0.3	-0.3	0.6
094	-0.5	0.4	-0.7	0.0	0.5	0.0	0.7	0.5	0.6	0.6	0.5	0.4	-0.5	0.5	0.1	5.0	1.2	1.8
095	-0.3	-0.7	0.4	1.4	-0.2	1.0	0.4	0.5	0.9	1.0	-0.7	0.8	0.5	0.5	0.5	1.3	0.3	0.6
096	NA	0.6	NA	NA	NA	NA	NA	NA	NA	NA	-0.3	NA	-0.5	NA	NA	2.2	NA	
097	0.4	-1.6	NA	-0.5	-0.4	-1.3	NA	-0.5	0.1	NA	-1.4	NA	-3.7	0.3	-1.6	-1.3	-0.4	
098	-1.2	-0.7	0.6	-1.3	-1.3	-1.2	-1.1	-1.1	-2.3	-2.4	-1.6	-0.7	-0.9	0.1	-0.5	-1.4	-0.5	1.6
099	0.2	-1.0	0.6	-0.1	0.1	-0.1	0.3	-0.8	1.2	-0.8	0.2	-0.3	2.1	-0.4	-0.2	0.0	-0.9	0.6
100	-0.8	-0.8	5.0	0.3	-0.4	-0.1	-0.8	-0.1	0.3	0.4	-0.8	-1.1	0.7	-0.9	-0.7	0.6	-0.1	1.9
101	0.1	-0.2	0.5	NA	0.1	0.5	-0.1	-0.4	1.3	0.9	0.4	NA	-0.9	-0.3	-0.3	0.1	-0.4	
102	0.8	0.8	0.5	1.8	1.2	0.9	-0.6	-0.1	-1.4	3.8	-0.5	-0.9	-4.0	0.0	-0.2	0.2	1.6	2.6
103	0.2	0.8	2.9	3.8	1.4	2.8	-0.2	-0.3	-1.3	1.3	-0.1	-1.1	-4.0	0.1	-0.3	-0.2	2.3	3.5
104	0.6	-0.4	1.9	-0.2	0.1	-0.3	-0.4	0.6	-0.4	-3.3	0.0	-1.5	0.5	-0.4	-0.3	-0.1	0.0	1.1
105	-0.7	1.2	5.0	-0.1	0.4	-0.2	0.5	-0.7	-1.1	-0.6	0.9	-0.8	-1.2	-0.2	1.2	-0.3	-0.6	
106	-1.0	-1.0	4.5	-0.7	0.9	-0.4	-0.7	-1.2	-1.5	-0.7	-0.5	-0.5	-0.9	-0.2	-0.3	2.5	-1.1	2.2
107	0.2	-0.1	1.0	-0.2	0.3	0.5	-0.1	1.0	1.7	0.9	0.3	-0.2	-0.3	-0.2	0.9	0.3	0.2	
108	NA	-0.4	-1.9	NA	-1.3	5.0	-1.1	-0.7	NA	-0.4	-1.4	1.0	1.9	-1.2	-0.4	5.0	-2.3	
109	NA	-4.0	-4.0	NA	-4.0	-4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
110	-1.6	-0.4	-1.9	5.0	-2.5	-1.2	-1.7	NA	-1.6	-1.1	NA	NA	1.4	-1.0	NA	-1.3	-0.7	

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimethoate	Ethiofenprox	Fenpyroximate	Imazalil	Iprodione	Pyridaben	Spyromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam	AZ2 (For Labs in Category A)
111	0.5	2.0	2.4	0.5	0.8	1.0	0.1	-3.9	2.6	0.9	1.0	-1.1	2.2	-0.5	-0.9	0.5	0.8	
112	NA	NA	5.0	NA	2.2	0.6	NA	NA	NA	-3.3	NA	NA	NA	5.0	NA	0.0	NA	
113	0.2	-0.4	4.0	-0.2	-0.4	-0.3	NA	-0.4	-2.5	0.1	-0.5	NA	-1.9	-1.1	NA	0.1	-0.1	
114	NA	0.7	NA	NA	0.9	0.7	NA	NA	NA	NA	NA	NA	NA	NA	0.7	NA	NA	
115	-0.5	-0.2	-0.6	0.6	-0.5	0.1	0.0	0.8	-0.8	1.1	-1.3	-1.2	1.6	-0.1	-0.3	0.1	-0.1	0.6
116	0.0	0.0	-1.4	0.1	0.1	-0.4	-0.4	0.1	0.2	0.0	0.2	-0.2	0.0	-0.2	-0.4	-1.1	-0.5	0.2
117	-0.2	0.4	-0.2	0.3	-0.1	0.1	0.0	0.4	-1.7	-1.2	0.1	-0.2	-0.2	0.8	0.3	-0.4	0.1	0.3
118	-0.8	-1.5	NA	-1.4	NA	-1.3	-2.5	-1.1	-1.2	-3.0	-0.8	-1.2	-2.1	-1.1	-1.7	NA	NA	
119	0.1	-0.7	-0.9	0.9	0.1	0.2	0.8	0.3	-0.3	1.1	-0.9	-0.3	2.6	-1.1	-0.1	0.3	-0.7	0.8
120	1.5	NA	NA	NA	0.3	-1.2	1.0	NA	4.7	0.8	0.9	NA	NA	0.0	0.2	NA	NA	
121	0.8	0.2	0.4	0.4	0.7	0.1	0.2	0.3	-1.2	0.0	-0.1	-0.4	-0.4	0.4	-0.2	-0.2	0.0	0.2
122	1.3	0.7	0.6	0.2	0.7	0.6	-0.1	0.6	1.1	-0.4	0.4	0.3	0.4	0.2	0.3	0.8	0.3	0.4
123	-0.3	-0.9	0.9	-0.2	-0.3	0.0	-0.3	0.0	-1.2	0.3	-0.8	0.3	0.8	-0.3	-1.0	-0.4	-0.2	0.4
124	Participation cancelled																	
125	0.2	0.3	-0.2	-0.1	0.3	0.4	0.1	-0.4	-0.4	0.4	0.0	-0.2	0.3	0.2	0.0	-0.4	0.3	0.1
126	0.9	0.2	-0.1	0.5	0.7	0.4	0.8	0.2	1.7	0.4	0.6	0.0	4.5	0.1	0.9	1.3	0.2	1.7
127	1.6	1.0	0.3	1.1	0.5	-0.1	0.7	0.7	-0.7	-1.1	0.7	0.3	0.6	0.3	0.1	0.6	0.3	0.5
128	0.1	0.8	-0.4	-0.3	0.3	0.0	4.9	3.0	0.5	-0.4	1.0	0.7	1.8	0.1	0.2	0.6	0.0	2.3
129	-1.2	0.8	0.0	0.1	-0.7	1.2	0.0	0.1	NA	0.0	1.6	NA	0.2	-0.1	0.3	NA	1.3	
130	0.1	0.1	0.1	-0.4	-0.4	-0.6	-0.1	0.9	-0.3	-0.6	-0.2	-1.1	0.0	-0.7	0.6	-0.7	0.5	0.3
131	0.5	-0.5	-1.0	-0.6	0.2	-1.2	0.5	0.0	-0.5	NA	-0.3	NA	NA	-0.4	-0.1	-0.7	-0.9	
132	-0.1	-0.1	5.0	-0.7	0.6	-0.7	-1.5	0.7	-1.0	NA	0.7	-0.2	NA	-0.1	0.5	-1.6	-0.3	
133	-1.5	-0.3	0.1	-1.0	-2.2	-1.1	-2.0	0.2	-2.6	-1.1	-0.9	-2.4	-1.9	-0.9	-1.2	-0.1	-0.5	
134	-0.9	-1.3	NA	1.4	NA	0.5	NA	-0.8	0.4	NA	NA	NA	NA	NA	-1.2	0.8	0.7	
135	0.1	0.4	0.1	-0.6	-0.4	0.1	0.0	-0.4	0.2	-0.4	-0.1	NA	0.3	0.0	0.0	-0.7	-0.4	
136	0.3	0.4	4.8	0.4	0.4	0.2	-0.2	-0.2	0.5	0.5	0.5	0.9	-0.3	0.9	0.8	-0.5	0.1	1.6
137	0.3	-0.5	-1.4	0.4	0.4	-1.1	0.1	-0.1	1.7	1.1	-0.8	1.9	0.8	0.4	-0.2	-0.4	-0.3	0.8
138	0.1	0.2	-0.9	-0.6	-0.4	-0.7	-0.6	-0.9	-2.9	-0.4	-0.4	-0.5	-0.4	-0.5	0.2	-0.7	-0.3	0.8
139	NA	-2.4	-0.8	0.8	-2.2	-1.2	NA	NA	-2.4	-2.8	-1.9	-2.2	-1.6	-1.2	-2.3	-0.5	-1.1	
140	-0.4	-0.1	0.2	-0.5	0.0	-0.1	0.0	0.1	1.1	-0.5	0.2	-0.1	0.2	-0.5	-0.1	-0.3	-0.6	0.2
141	0.4	1.2	0.2	-0.6	-0.1	-0.3	0.5	0.8	0.1	0.2	1.2	1.2	-0.7	0.7	0.8	-0.1	-0.6	0.5
142	-0.5	-0.8	NA	NA	0.3	-1.1	-0.4	-1.1	1.4	0.5	-0.4	0.1	1.4	-0.4	0.0	NA	-1.3	
143	-0.9	0.7	1.2	-0.4	-0.2	0.6	-1.0	0.0	-0.7	-0.4	-0.5	-0.9	-1.5	0.2	0.4	0.2	0.1	0.5
144	0.7	1.2	0.2	0.7	0.7	0.1	0.8	0.8	0.9	0.4	0.7	0.5	-0.2	1.5	1.0	-0.2	0.6	0.6
145	-0.4	0.2	0.2	0.0	0.6	0.1	0.3	-1.0	0.3	-1.3	-0.1	-0.2	0.6	0.6	1.2	-0.2	0.3	0.3
146	-0.2	1.4	0.6	0.8	1.0	0.4	1.1	1.7	0.9	-1.0	0.7	0.9	-2.0	1.0	0.9	1.3	-0.3	1.1
147	0.2	-0.3	-1.0	NA	0.0	-1.2	0.5	NA	0.4	1.9	0.5	0.4	NA	-0.2	-0.2	-0.4	NA	
148	1.0	0.9	0.1	1.6	1.8	1.8	0.8	0.5	0.9	1.2	0.2	1.2	0.9	1.2	0.7	0.4	-0.1	1.1
149	Participation cancelled																	
150	-0.6	-0.3	-0.8	NA	-0.7	-0.6	0.0	NA	-0.3	-0.7	-0.3	-0.2	0.7	-0.6	-0.3	-0.8	NA	
151	NA	NA	NA	NA	NA	NA	-0.5	NA	NA	NA	-0.4	NA	-0.3	1.2	-0.9	NA	NA	
152	0.8	0.9	1.9	0.1	0.8	0.6	-0.2	-2.4	0.2	4.4	-0.1	-0.5	1.6	0.6	0.6	0.9	0.7	2.1

Lab Code	Boscalid	Buprofezin	Carbendazim	Clothianidin	Diazinon	Dimethoate	Ethiofenprox	Fenpyroximate	Imazalil	Iprodione	Pyridaben	Spyromesifen	Tau-Fluvalinate	Tebuconazole	Tebufenpyrad	Thiabendazole	Thiamethoxam	AZ2 (For Labs in Category A)
153	-1.8	-1.3	-0.6	0.0	-3.0	0.3	-1.6	-1.3	-0.9	-2.5	0.2	1.6	-1.7	-2.1	-0.3	0.1	-1.2	
154	0.0	0.2	-0.6	0.9	-2.5	0.2	NA	0.5	-1.5	-1.7	0.5	-1.2	NA	2.0	0.9	5.0	-0.6	
155	1.2	-0.4	-1.0	-0.5	0.3	-0.2	0.6	0.4	1.6	2.1	0.5	0.4	3.0	1.2	1.0	-0.9	-1.0	1.4
156	1.0	0.6	0.5	-1.7	1.0	-0.3	NA	-0.7	1.6	1.6	1.2	NA	0.3	-0.3	-0.7	0.3	NA	
157	0.2	-0.6	NA	NA	0.1	NA	0.2	NA	1.4	0.5	0.2	NA	0.3	0.2	0.0	-0.5	NA	
158	-0.1	0.3	0.4	-0.2	0.2	0.0	0.0	-0.1	0.2	-0.1	0.4	0.3	-0.6	0.0	0.0	-0.1	-0.3	0.1
159	-1.0	0.1	NA	-0.7	-0.1	-1.4	-0.4	-1.2	-1.7	2.5	-0.9	-0.8	NA	-0.2	0.0	0.7	-0.9	
160	NA	NA	NA	NA	-0.1	0.0	-0.3	NA	NA	NA	1.5	-0.1	2.4	-0.5	NA	NA	NA	
161	-1.2	-1.3	0.4	NA	-0.3	-0.3	-2.1	NA	-0.2	-0.6	0.1	NA	-1.5	-0.5	1.5	0.4	NA	
162	0.6	-1.5	-1.6	0.4	-0.7	0.8	-1.7	0.3	-0.1	-0.1	0.2	-2.1	-0.8	-0.7	-1.3	0.1	-0.1	1.0
163	0.0	0.6	1.1	1.0	0.6	-1.4	2.4	NA	-0.4	1.9	0.7	0.6	1.0	0.3	0.3	-0.2	0.1	
164	-1.1	-1.5	-1.1	-0.4	-1.0	4.1	-0.9	-0.8	-0.7	-1.3	-1.2	-2.7	-1.3	-1.2	-1.4	2.8	0.0	2.8
165	-0.1	1.0	-0.8	0.8	-0.1	0.4	-3.3	-2.9	0.4	-0.7	NA	0.5	0.1	1.0	NA	5.0	0.3	
166	-1.0	-0.6	0.1	-0.6	-0.4	0.1	-0.1	-1.3	-0.8	-1.1	-0.2	-0.6	0.6	-0.9	-0.9	-0.7	-0.1	0.5
167	1.1	1.9	-2.5	-2.5	0.8	-1.4	1.4	0.5	-0.5	0.3	0.4	1.3	-3.1	0.5	0.7	-1.2	-2.2	2.4
168	0.0	0.7	0.4	0.4	0.8	0.6	3.0	-3.9	1.2	1.0	-0.8	2.0	1.0	-1.0	-1.0	1.3	0.4	
169	0.4	-0.9	0.2	NA	-0.4	-0.1	NA	NA	-0.2	-0.9	NA	NA	-0.3	-0.9	NA	-0.2	NA	
170	0.4	NA	-1.4	NA	0.1	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1	1.8	
171	-0.2	-0.1	-0.2	0.5	-0.1	0.0	0.3	0.1	-1.3	0.0	0.2	-0.2	-0.1	-0.3	-0.1	-0.5	-0.2	0.2
172	-0.2	0.0	-0.6	-0.1	0.3	-0.3	-0.2	-0.5	0.5	-0.4	-0.2	-0.7	1.2	-0.3	0.6	0.2	-0.2	0.2
173	-3.0	-3.9	NA	-0.4	-2.6	-1.7	-3.6	-3.0	-2.9	1.2	-4.0	-2.7	-3.7	-0.6	-3.2	-2.1	-1.5	
174	1.0	-1.3	-1.9	1.8	-1.4	2.4	-0.6	-1.0	-0.8	1.0	-0.8	-2.3	0.3	-0.7	-0.4	0.2	1.9	1.8
175	NA	NA	NA	NA	-2.2	-2.3	NA	NA	NA	-2.5	NA	NA	NA	NA	NA	NA	NA	
176	0.0	1.4	-0.5	-0.1	0.6	0.2	-0.4	-1.2	-0.1	-0.1	1.5	-0.5	0.0	1.0	0.8	-0.3	1.3	0.6
177	-0.2	0.1	0.7	-0.2	0.1	0.6	-0.7	-0.3	1.4	0.0	0.1	NA	-0.9	0.7	0.4	0.9	0.0	0.4
178	0.5	1.3	1.2	-1.3	2.1	-0.2	0.1	-0.6	-0.4	-0.2	0.0	NA	-0.3	-0.7	-0.4	0.3	-0.5	
179	-0.5	0.1	1.0	0.2	-0.5	-0.3	0.0	-0.5	0.2	-0.8	0.3	0.0	0.3	0.3	-0.2	0.2	0.0	0.2
180	NA	NA	NA	NA	-0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
181	1.6	-1.3	NA	NA	-0.8	NA	NA	NA	-2.9	3.7	NA	NA	NA	0.2	NA	NA	NA	
182	3.6	-3.9	NA	NA	-3.1	-3.8	-3.8	NA	-2.9	-3.3	-3.8	2.4	-3.5	-3.8	-3.9	NA	NA	
183	-0.8	-0.8	NA	-0.5	-0.7	-0.8	-0.8	-1.1	-1.1	-1.6	-0.5	-2.1	NA	-1.5	-1.0	-0.9	-1.1	
184	0.3	-0.6	-0.4	0.6	0.6	-0.2	-1.1	-0.1	-0.7	0.4	-0.3	-0.9	-0.1	0.3	-0.1	0.0	-0.4	0.3
185	-0.2	-0.5	NA	0.2	-1.6	2.7	-0.4	-1.9	2.0	1.5	NA	-0.7	-0.3	0.5	-2.1	-1.8	1.3	
186	0.0	-0.4	-0.4	-0.2	-0.2	-0.6	-0.5	1.6	-1.3	-0.1	0.1	0.1	0.2	0.4	0.2	-0.9	1.5	0.5

NA: Not analysed
 False negatives are highlighted in yellow.
 The z scores were calculated using FFP RSD of 25 %.

Voluntary Pesticides

Table 4. z-Scores of voluntary pesticides using FFP RSD 25 %

Lab Code	Fenpyrazamine	Penthiopyrad
Lab001	0.9	NA
Lab002	0.4	0.3
Lab003	-0.3	-1.1
Lab004	NA	NA
Lab005	0.2	-0.3
Lab006	-0.2	-0.4
Lab007	-0.9	-1.2
Lab008	0.9	0.2
Lab009	NA	-0.3
Lab010	-1.1	-1.5
Lab011	NA	NA
Lab012	0.1	-0.3
Lab013	NA	NA
Lab014	0.0	3.5
Lab015	-0.3	-0.8
Lab016	-0.6	-0.6
Lab017	NA	NA
Lab018	-0.1	-0.2
Lab019	NA	NA
Lab020	NA	NA
Lab021	NA	NA
Lab022	NA	NA
Lab023	0.3	0.5
Lab024	0.1	0.9
Lab025	NA	NA
Lab026	-0.7	-0.2
Lab027	NA	NA
Lab028	NA	NA
Lab029	-0.6	-0.3
Lab030	NA	NA
Lab031	-0.5	0.1
Lab032	NA	NA
Lab033	-0.3	NA
Lab034	NA	NA
Lab035	NA	NA
Lab036	NA	NA
Lab037	2.1	1.5
Lab038	NA	0.3
Lab039	NA	NA
Lab040	0.3	0.8
Lab041	NA	NA
Lab042	NA	NA

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Lab Code	Fenpyrazamine	Penthiopyrad
Lab043	NA	NA
Lab044	0.0	0.9
Lab045	NA	NA
Lab046	-0.9	-1.0
Lab047	-0.3	-1.0
Lab048	0.0	0.7
Lab049	-0.9	-0.2
Lab050	-0.2	0.5
Lab051	-0.2	-0.6
Lab052	-0.4	-0.2
Lab053	-0.4	-0.3
Lab054	NA	NA
Lab055	0.1	0.9
Lab056	No results reported	
Lab057	NA	NA
Lab058	NA	NA
Lab059	0.6	NA
Lab060	NA	NA
Lab061	-0.9	-0.5
Lab062	0.3	-0.2
Lab063	NA	NA
Lab064	-0.1	-3.3
Lab065	NA	NA
Lab066	-0.1	-0.4
Lab067	No results reported	
Lab068	0.6	0.6
Lab069	0.0	-0.4
Lab070	2.5	-0.1
Lab071	NA	NA
Lab072	NA	NA
Lab073	0.5	0.9
Lab074	NA	NA
Lab075	NA	NA
Lab076	NA	-2.9
Lab077	1.2	NA
Lab078	NA	NA
Lab079	-0.2	-0.4
Lab080	0.4	0.5
Lab081	-0.7	-0.5
Lab082	NA	NA
Lab083	NA	NA
Lab084	NA	NA
Lab085	0.3	0.1
Lab086	NA	NA
Lab087	0.2	0.3
Lab088	NA	NA
Lab089	NA	NA

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Lab Code	Fenpyrazamine	Penthiopyrad
Lab090	NA	NA
Lab091	NA	NA
Lab092	0.0	0.3
Lab093	NA	NA
Lab094	0.0	-0.2
Lab095	NA	NA
Lab096	NA	NA
Lab097	NA	NA
Lab098	0.0	-1.4
Lab099	-0.9	0.0
Lab100	NA	-0.6
Lab101	NA	NA
Lab102	NA	NA
Lab103	NA	NA
Lab104	NA	NA
Lab105	NA	NA
Lab106	-0.7	-1.1
Lab107	NA	NA
Lab108	NA	NA
Lab109	NA	NA
Lab110	NA	NA
Lab111	NA	NA
Lab112	NA	NA
Lab113	NA	NA
Lab114	NA	NA
Lab115	0.5	1.4
Lab116	NA	NA
Lab117	NA	NA
Lab118	NA	NA
Lab119	0.3	1.5
Lab120	NA	NA
Lab121	0.1	-0.3
Lab122	0.3	NA
Lab123	NA	NA
Lab124	Participation cancelled	
Lab125	0.5	1.1
Lab126	NA	NA
Lab127	NA	NA
Lab128	0.1	0.3
Lab129	NA	NA
Lab130	NA	NA
Lab131	NA	NA
Lab132	NA	NA
Lab133	-0.9	NA
Lab134	NA	NA
Lab135	NA	NA
Lab136	0.7	0.3

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Lab Code	Fenpyrazamine	Penthiopyrad
Lab137	NA	NA
Lab138	NA	NA
Lab139	NA	NA
Lab140	-0.5	-0.3
Lab141	0.6	0.2
Lab142	NA	-0.3
Lab143	NA	NA
Lab144	0.1	1.9
Lab145	0.3	0.0
Lab146	1.6	0.3
Lab147	NA	0.5
Lab148	1.2	-0.4
Lab149	Participation Cancelled	
Lab150	-0.4	-0.4
Lab151	NA	NA
Lab152	0.6	NA
Lab153	NA	NA
Lab154	NA	NA
Lab155	0.3	-0.8
Lab156	NA	NA
Lab157	NA	NA
Lab158	-0.3	-0.4
Lab159	-1.0	NA
Lab160	NA	NA
Lab161	NA	NA
Lab162	NA	NA
Lab163	NA	NA
Lab164	NA	NA
Lab165	2.7	NA
Lab166	NA	NA
Lab167	NA	NA
Lab168	NA	NA
Lab169	NA	NA
Lab170	NA	NA
Lab171	0.5	0.0
Lab172	-0.4	-0.1
Lab173	NA	NA
Lab174	-0.9	-0.6
Lab175	NA	NA
Lab176	NA	-3.3
Lab177	NA	NA
Lab178	NA	NA
Lab179	-3.7	0.1
Lab180	NA	NA
Lab181	NA	NA
Lab182	NA	NA
Lab183	NA	NA

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Lab Code	Fenpyrazamine	Penthiopyrad
Lab184	0.0	0.1
Lab185	NA	NA
Lab186	NA	NA

NA: Not analysed

False negatives are highlighted in yellow.
The z scores were calculated using FFP RSD of 25 %.