**PesTAG Meeting Minutes**

**Date:**March 15, 2017

**Attendance:** Greg Mercer (PNW), Irene Cassias (PSW), Richard Thompson (ARL), Jenny Katsoudas and Mike Iorsh (NRL), Narong Chamkasem (SRL), David Eide (KAN), Chris Sack, Greg Noonan, Jon Wong, Christine Parker (CFSAN), Moh Islam (ORA-ORS)

**1.      Glyphosate collaboration progress**

The collaboration is progressing as planned.  Sack submitted MLV forms with collaboration protocol to CMVS last week.  The CRCG met yesterday to review. PSW, PNW and ARL have submitted collaboration data.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Matrix** | **ARL** | **PNW** | **PSW** |  | **Avg** | **MU** | **Linearity** |
| Glyphosate |  |  |  |  |  |  |
| Avocado | 85.3 | 87.2 | 96.6 |  | 89.7 | 6.8 | 0.9990 |
| Carrot | 80.0 | 85.9 | 83.7 |  | 83.2 | 5.7 | 0.9995 |
| Corn | 91.4 | 95.1 | 101.8 |  | 96.1 | 5.4 | 0.9994 |
|  |  |  |  |  |  |  |  |
| Glufosinate |  |  |  |  |  |  |  |
| Avocado | 82.9 | 87.0 | 94.4 |  | 88.1 | 6.7 | 0.9970 |
| Carrot | 81.0 | 90.4 | 84.6 |  | 85.3 | 5.8 | 0.9991 |
| Corn | 98.4 | 101.4 | 102.0 |  | 100.6 | 2.2 | 0.9994 |
|  |  |  |  |  |  |  |  |
| N-acetylglyphosate |  |  |  |  |  |
| Avocado | 51.7 | 87.8 | 97.1 |  | 78.9 | 27.3 | 0.9884 |
| Carrot | 67.5 | 89.0 | 97.8 |  | 84.8 | 25.0 | 0.9896 |
| Corn | 76.0 | 89.9 | 116.0 |  | 94.0 | 23.0 | 0.9806 |
|  |  |  |  |  |  |  |  |
| AMPA |  |  |  |  |  |  |  |
| Avocado | 48.6 | 87.3 | 85.9 |  | 74.0 | 27.8 | 0.9968 |
| Carrot | 61.3 | 83.4 | 90.9 |  | 78.5 | 19.4 | 0.9814 |
| Corn | 95.8 | 76.5 | 90.3 |  | 87.5 | 18.4 | 0.9624 |

Status of the other participating labs:

·         KAN is conducting the collaboration this week

·         NRL working on method proficiency

·         SRL waiting for glufosinate IS

·         CFSAN will start in April

·         EPA is getting permission to participate in the collaboration

Greg noted that it takes a while to rinse the TBA from the LCMS system.

During the discussion about the glyphosate collaboration the local requirements for implementation of the glyphosate method was discussed.  Some mentioned that they will be required to conduct a full method verification of the procedure even though they participated in the collaboration.  Sack agreed to append individual lab results to the collaboration report that demonstrates method verification.  In addition to the collaboration data the report will include the individual lab proficiency results that demonstrate instrument and method accuracy, precision, linearity and sensitivity.  Each lab will also need to prepare a local SOP for the procedure.  Richard has already started an SOP for ARL and agreed to share it with the group. Thanks Richard!

Sack has begun the collaboration report.  He will prepare it in two stages.  The initial report will include the data from the three labs that have completed the collaboration (PNW, PSW, and ARL).  Three labs is the minimum number of labs required to meet the specification of a Level III MLV.  Once all the other participating labs have submitted their data Sack will prepare a final report.