

Diquat/Lychee
10815.14-HI194

KF
received via
US mail
10-31-14

Dear Mr. Kam:

I have been contracted by the IR-4 Program Western Regional IR-4 Coordinator, Rebecca Sisco, to conduct field data book reviews from a quality control point of view. I have completed my review of the study listed below and have the following questions/concerns that need to be addressed.

Please respond to the address (email preferred) listed below within 2 weeks of receiving this email. I am authorized to make any additions and/or corrections to the original raw data based on information provided to me from you (FRD).

Please remember, *responses must have your initials and the date.*

If you have any questions, please contact me. Thank you for your assistance in addressing these issues.

Best regards,

Kathy Feist
1602 Greengate Drive
Fort Collins, CO 80626
Phone: (970) 226-0793
Email: kathleenfeist@gmail.com

Diquat: Magnitude of Residue on Lychee (10815.14-HI194)

Part 4, Test Substance, page 27

1) With the FRD's permission, I will correct the last comment entry to state, "...5 times 6.25 ml=31.25 ml."

Yes, please make that correction. JK 10/22.14

✓ corrected as indicated. KF 10-31-14

Part 5.I., Crop Destruct, page 15

2a) Please confirm that the **date of crop destruction** was the same as the signature date of 6/27/14; so that I may add a note.

Yes, I destroyed the crop after I sampled for the diquat study. JK 10/22.14

✓ noted that crop destruct occurred on 6-27-14. KF 10-31-14

2b) The entry error is accompanied by an error code and date, but no initials. With the FRD's permission, I will add the initials "JK" as a Late Entry.

Yes, please make that addition. JK 10/22.14

✓ added initials "JK" as a Late Entry. KF 10-31-14

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Part 6, Application, page 1

3) With the FRD's permission, I will correct the entry regarding treated area vs. plot area to state "**NO**", **treated area does not equal plot area**, since the test substance was only applied in 6' bands on either side of the crop row (12' X 90'), and the total plot area is defined as 20' X 90' in Part 5.

Yes, please make that correction. JK 10/22.14

✓ corrected and added explanatory note as above.

Part 6, Application, page 4

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4) When I add the 3 run times of 25.16, 24.78, 24.42 sec; I get a **total run time of 74.36 sec** (not 73.36 sec as recorded). Please confirm and indicate if I may make this correction. With the correction described above, I would also correct the **% error to 2.71 %**, with the FRD's permission.

Yes, please make that correction. JK 10/22.14

✓ made corrections as described above. KF 10/31/14

Part 6, page 10

5) With the FRD's permission, I will add a note referring to the EXCEL spreadsheet in Part 3 for verification of the **GPA Rate**.

Yes, please add a note. JK 10/22.14

✓ added note as described above. KF 10/31/14

Part 7, Sampling, page 1

6a) Please provide a description of the **harvested crop stage** that I may enter in the space provided.

Please add "ripe fruit". JK 10/22.14

✓ added "ripe fruit". KF 10-31-14

6b) With the FRD's permission, I will enter "**1**" instead of "NA", with regard to the **number of rows from which samples were collected**.

Yes, please make that correction; I did not sample for the entire row so I entered NA. JK 10/22.14

✓ corrected to "1 row". KF 10-31-14

Part 7, page 7

7) This single page of freezer temperature records ends on 6/30/14. Samples were shipped on 7/7/14. Please provide **freezer temperature records from 7/1/14 through 7/7/14**, for inclusion with this FDB.

I have provided in an attachment and will send you the hardcopy. JK 10/22.14

✓ added additional temp. records as Part 7 page 7a. KF

8) If there are additional corrections you would like made that I have not pointed out in this review, please bring them to my attention and I will make those changes in the notebook.

10-31-14

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Field Trial ID	TRT Area Length (Feet)	Row / Bed Width (Feet)	# of Rows or Beds	Treated Area (Sq.Ft.)	Total Pass Time (Sec)	Volume of form. Used (mL)	Vol. of Carrier (mL)	Volume of Adjuvant (mL)	Total Mix. Vol. (mL)	Boom Discharge Rate (mL/sec)	Calc. Del. Rate (mL/A)	Calc. Del. Rate (gal/A)	form/ Acre (gal/A)	Conc. of Form (lb ai/gal)	Actual Rate (lb ai/A)	Protocol Rate (lb ai/A)	% Dev.
Calculations				B3*C3*D3					H3+G3+I3		(K3*F3)/E3*43560	L3/3785	(M3*G3)/J3		O3*N3		((P3-Q3)/Q3)*100
Test	100	3.17	1	317	22.2	15.6	1230	0	1245.6	36	109820.7	29.0147	0.36338	4	1.454	1.5	-3
13-Jun	90	6	2	1080	50.91	31.25	2470	3.13	2504.38	38.89	79855.56	21.0979	0.26326	2	0.527	0.5	5
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The adjuvant label for Tactic specifies a rate range of 16-24 oz per 100 gallons when used with a GPA rate of 10-50. The GPA rate used in this trial was 20. 16-24 oz/100 gal is equivalent to 0.125-0.188 %v/v. The adjuvant was used at a rate of 0.125%v/v in this single application. OK per label.