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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OPP OFFICIAL RECORD  
HEALTH EFFECTS DIVISION  
SCIENTIFIC DATA REVIEWS  
EPA SERIES 361

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

June 7th, 2001

MEMORANDUM

SUBJECT: Probabilistic Acute Dietary Exposure Estimates for Vinclozolin  
PC Code: 113201, DP Barcode: D275240, Rereg. Case No. 2740

FROM: Mohsen Sahafeyan, Chemist  
Chemistry & Exposure Branch 1  
Health Effects Division (7509C)

*Mohsen Sahafeyan*  
*David Miller*

THROUGH: David Miller, Chemist, Public Health Officer  
Chemistry & Exposure Branch 1  
Health Effects Division (7509C)

TO: Deanna Scher  
Reregistration Branch 1  
Special Review and Registration Division (SRRD)

**Action Requested**

Special Review and Registration Division (SRRD) has requested that the Health Effects Division (HED) perform a few additional exploratory acute tier 3 (probabilistic) dietary exposure risk assessment for vinclozolin to further confirm the previous risk conclusions regarding the contribution of canola and green beans to the estimated dietary risk.

**Executive Summary**

The probabilistic acute dietary exposure risk assessment for vinclozolin in foods was conducted using the toxicological end point of aRfD= 0.006 mg/kg/day, field trial residue data and the 1989-1992 USDA Continuing Surveys of Food Intake by Individuals (CSFII) database. In all runs, stone fruits and strawberry were excluded from the list of commodities (neither of these commodities are currently registered but were included in the initial runs done by HED last year at the request of SRRD). Two sets of DEEM runs were conducted with one set having %CT for

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green beans at 10% CT for fresh and 50% CT for processed food forms, and the other set having %CT for green snap beans at 10% for fresh and 100% for processed food forms.

In each set, the effect of excluding green snap beans (all food forms) and canola (oil) was investigated by removing those commodities from the DEEM runs. In all DEEM runs (both sets), the 99.9th percentile of the exposure for females 13-50 years old (the only population subgroup whose exposure to vinclozolin is of concern according to the toxicological studies), stayed constant (113%aPAD - 116% aPAD), indicating that the modification of %CT or removal of green snap beans and/or removal of canola from the list of commodities did not have any significant effect on the risk estimate. To this end, HED believes that no further investigation of the contribution of green snap beans and canola to the risk from dietary exposure to vinclozolin is necessary.

**Detail Consideration**

The results are summarized in Table 1.

Table 1 - Acute Risk Estimates for Females 13-50 years old from Dietary Exposure to Vinclozolin.							
Description of the DEEM run	%aPAD <sup>5</sup> at different Percentiles of Exposure			Description of the DEEM run	%aPAD <sup>5</sup> at different Percentiles of Exposure		
	95 <sup>th</sup>	99 <sup>th</sup>	99.9 <sup>th</sup>		95 <sup>th</sup>	99 <sup>th</sup>	99.9 <sup>th</sup>
Baseline # 1 <sup>1</sup>	2	19	116	Baseline # 2 <sup>2</sup>	2	20	116
No Green Snap Beans	2	10	113	No Green Snap Beans <sup>3</sup>	2	10	113
No Canola	2	19	116	No Canola	2	20	116
NO Green Snap Beans & No Canola	2	10	113	NO Green Snap Beans & No Canola <sup>4</sup>	2	10	113

- 1 This baseline run includes these commodities: succulent green/yellow/wax beans (10% CT for fresh and 50% %CT for processed food forms), beef, canola oil, chicken, cucumbers, eggs, goat, grapes-wine and sherry, kiwi fruit, lettuce, dry bulb onions, sweet peppers, pork, poultry-fat/giblets/other, raspberries, sheep, turkey, veal. For more detail listing of included commodities see attachments.
- 2 This baseline run includes these commodities: succulent green/yellow/wax beans (10% CT for fresh and 100% %CT for processed food forms), beef, canola oil, chicken, cucumbers, eggs, goat, grapes-wine and sherry, kiwi fruit, lettuce, dry bulb onions, sweet peppers, pork, poultry-fat/giblets/other, raspberries, sheep, turkey, veal. For more detail listing of included commodities see attachments.
- 3 This run is the same for both sets since all food forms of green snap beans are excluded from the run.
- 4 This run is the same for both sets since all food forms of green snap beans and canola (only one food form) are excluded from the run.
- 5 aPAD = Acute Population Adjusted Dose , %PAD = %RfD / FQPA Safety Factor, RfD = Reference Dose

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**List of Attachments:**

Attachment 1: The estimated exposure for females (including all its population sub-groups) for all runs

Attachment 2: The Residue files for all runs

Attachment 3 : The RDFs for all runs

cc: D. Scher (SRRD/RRB1), M. Sahafeyan (HED/CEB1), F. Fort (HED/RRB1), RF, SF  
RDI: David Miller (HED/CEB1): 6/7/2001  
7509C: CM2 : Rm 811A : 305-6872 : M. Sahafeyan: 6/7/2001

Attachment 1: The Estimated Risks for Females Sub-Population

U.S. Environmental Protection Agency Ver. 7.72  
 DEEM ACUTE Analysis for VINCLIZOLIN (1989-92 data)  
 Residue file: \$vinacute2-GrpMdfd-GrpBns1050-NoStnFrt-NoStrbry.RS7  
 Adjustment factor #2 NOT used.  
 Analysis Date: 05-29-2001/15:02:32 Residue file dated: 05-29-2001/09:00:21/8  
 Daily totals for food and foodform consumption used.  
 MC iterations = 1000 MC list in residue file MC seed = 10  
 Run Comment: **Baseline #1**

Summary calculations (per capita):

	95th Percentile		99th Percentile		99.9th Percentile	
	Exposure	% aRfD	Exposure	% aRfD	Exposure	% aRfD
Females 13+ (preg/not nursing):	0.000099	1.66	0.001078	17.96	0.005441	90.69
Females 13+ (nursing):	0.000138	2.30	0.001232	20.53	0.005897	98.28
Females 13-19 (not preg or nursing):	0.000109	1.81	0.000910	15.16	0.004066	67.77
Females 20+ (not preg or nursing):	0.000119	1.98	0.001294	21.57	0.007615	126.92
Females 13-50 yrs:	0.000115	1.91	0.001165	19.41	0.006939	115.66

U.S. Environmental Protection Agency Ver. 7.72  
 DEEM ACUTE Analysis for VINCLIZOLIN (1989-92 data)  
 Residue file: \$vinacute2-GrpMdfd-GrpBns10100-NoStnFrt-NoStrbry.RS7  
 Adjustment factor #2 NOT used.  
 Analysis Date: 05-29-2001/15:25:02 Residue file dated: 05-08-2001/17:40:24/8  
 Daily totals for food and foodform consumption used.  
 MC iterations = 1000 MC list in residue file MC seed = 10  
 Run Comment: **Baseline #2**

Summary calculations (per capita):

	95th Percentile		99th Percentile		99.9th Percentile	
	Exposure	% aRfD	Exposure	% aRfD	Exposure	% aRfD
Females 13+ (preg/not nursing):	0.000102	1.70	0.001091	18.19	0.005443	90.72
Females 13+ (nursing):	0.000160	2.67	0.001436	23.94	0.005897	98.28
Females 13-19 (not preg or nursing):	0.000117	1.96	0.001015	16.91	0.004350	72.49
Females 20+ (not preg or nursing):	0.000132	2.20	0.001345	22.41	0.007620	127.00
Females 13-50 yrs:	0.000123	2.04	0.001225	20.42	0.006963	116.05

Attachment 1 (Continued)

U.S. Environmental Protection Agency Ver. 7.72  
 DEEM ACUTE Analysis for VINCLOZOLIN (1989-92 data)  
 Residue file: \$vinacute2-GrpMdfd-~~NoGrnBns~~-NoStnFrt-NoStrbry.RS7  
 Adjustment factor #2 NOT used.  
 Analysis Date: 05-29-2001/13:51:58 Residue file dated: 05-29-2001/09:04:45/8  
 Daily totals for food and foodform consumption used.  
 MC iterations = 1000 MC list in residue file MC seed = 10  
 Run Comment: Baseline#1 (or #2) with "NO Green Snap Beans"  
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Summary calculations (per capita):

	95th Percentile		99th Percentile		99.9th Percentile	
	Exposure	% aRfD	Exposure	% aRfD	Exposure	% aRfD
Females 13+ (preg/not nursing):	0.000088	1.47	0.000380	6.33	0.005457	90.95
Females 13+ (nursing):	0.000099	1.65	0.000331	5.52	0.006184	103.07
Females 13-19 (not preg or nursing):	0.000092	1.54	0.000287	4.79	0.003433	57.21
Females 20+ (not preg or nursing):	0.000093	1.55	0.000663	11.05	0.007570	126.17
Females 13-50 yrs:	0.000096	1.60	0.000578	9.63	0.006774	112.89

U.S. Environmental Protection Agency Ver. 7.72  
 DEEM ACUTE Analysis for VINCLOZOLIN (1989-92 data)  
 Residue file: \$vinacute2-GrpMdfd-~~GrnBns1050~~-NoStnFrt-NoStrbry~~NoCanola~~.RS7  
 Adjustment factor #2 NOT used.  
 Analysis Date: 05-29-2001/14:07:49 Residue file dated: 05-29-2001/10:06:41/8  
 Daily totals for food and foodform consumption used.  
 MC iterations = 1000 MC list in residue file MC seed = 10  
 Run Comment: Baseline #1 with "NO Canola"  
 =====

Summary calculations (per capita):

	95th Percentile		99th Percentile		99.9th Percentile	
	Exposure	% aRfD	Exposure	% aRfD	Exposure	% aRfD
Females 13+ (preg/not nursing):	0.000099	1.66	0.001078	17.96	0.005441	90.68
Females 13+ (nursing):	0.000138	2.30	0.001232	20.53	0.005897	98.28
Females 13-19 (not preg or nursing):	0.000109	1.81	0.000910	15.16	0.004066	67.77
Females 20+ (not preg or nursing):	0.000119	1.98	0.001294	21.57	0.007615	126.92
Females 13-50 yrs:	0.000115	1.91	0.001165	19.41	0.006939	115.66

Attachment 1 (Continued)

U.S. Environmental Protection Agency Ver. 7.72  
 DEEM ACUTE Analysis for VINCLIZOLIN (1989-92 data)  
 Residue file: \$vinacut2-GrpMdfd-GrnBns10100-NoStnFrt-NoStrbryNoCanola.RS7  
 Adjustment factor #2 NOT used.  
 Analysis Date: 05-29-2001/14:42:44 Residue file dated: 05-29-2001/10:07:38/8  
 Daily totals for food and foodform consumption used.  
 MC iterations = 1000 MC list in residue file MC seed = 10  
 Run Comment: Baseline #2 with "No Canola"

Summary calculations (per capita):

	95th Percentile		99th Percentile		99.9th Percentile	
	Exposure	% aRfD	Exposure	% aRfD	Exposure	% aRfD
Females 13+ (preg/not nursing):	0.000102	1.70	0.001091	18.18	0.005443	90.71
Females 13+ (nursing):	0.000160	2.67	0.001436	23.94	0.005897	98.28
Females 13-19 (not preg or nursing):	0.000117	1.96	0.001015	16.91	0.004350	72.50
Females 20+ (not preg or nursing):	0.000132	2.20	0.001345	22.41	0.007620	127.00
Females 13-50 yrs:	0.000123	2.04	0.001225	20.42	0.006963	116.05

U.S. Environmental Protection Agency Ver. 7.72  
 DEEM ACUTE Analysis for VINCLIZOLIN (1989-92 data)  
 Residue file: \$vinacut2-GrpMdfd-NoGrnBnsNoCanola-NoStnFrt-NoStrbry.RS7  
 Adjustment factor #2 NOT used.  
 Analysis Date: 05-29-2001/13:36:46 Residue file dated: 05-29-2001/10:08:38/8  
 Daily totals for food and foodform consumption used.  
 MC iterations = 1000 MC list in residue file MC seed = 10  
 Run Comment: Baseline#1 (or #2) with "NO Green Snap Beans & No Canola"

Summary calculations (per capita):

	95th Percentile		99th Percentile		99.9th Percentile	
	Exposure	% aRfD	Exposure	% aRfD	Exposure	% aRfD
Females 13+ (preg/not nursing):	0.000088	1.47	0.000380	6.33	0.005457	90.94
Females 13+ (nursing):	0.000099	1.65	0.000331	5.52	0.006184	103.06
Females 13-19 (not preg or nursing):	0.000092	1.54	0.000287	4.79	0.003433	57.22
Females 20+ (not preg or nursing):	0.000093	1.55	0.000663	11.05	0.007571	126.18
Females 13-50 yrs:	0.000096	1.60	0.000578	9.63	0.006774	112.89

Attachment 2 : The Residue Files

Filename: C:\msahafeyan\0-Mohsen\Reviews\secondary reviews\vinclozolin\FinalRuns\\$vinacute2-GrpMdfd-GrnBns1050-NoStnFrt-NoStrbry.RS7  
 Chemical: Vinclozolin  
 RfD(Chronic): .0012 mg/kg bw/day NOEL(Chronic): 0 mg/kg bw/day  
 RfD(Acute): .006 mg/kg bw/day NOEL(Acute): 0 mg/kg bw/day Q\* = .29  
 Date created/last modified: 05-29-2001/09:00:21/8 Program ver. 7.73  
 Comment: Baseline #1

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 RDL indices and parameters for Monte Carlo Analysis:

Index #	Dist Code	Parameter #1	Param #2	Param #3
1	6	apricotvin.rdf		
2	6	Snapbeanvin.rdf		
3	6	Meatmilkvin.rdf		
4	6	sweetcherriesvin.rdf		
5	6	tartcherriesvin.rdf		
6	6	endivevin.rdf		
7	6	Cucumbervin2.rdf		
8	6	kiwifruitvin.rdf		
9	6	leaflettucevin.rdf		
10	6	headlettucevin.rdf		
11	6	nectarinevin.rdf		
12	6	onionsvin.rdf		
13	6	peachvin.rdf		
14	6	bellpeppervin.rdf		
15	6	raspberriesvin.rdf		
16	6	strawberryvin.rdf		
17	6	Winevin.rdf		
18	6	Poultryvin.rdf		
19	6	Winevin-2.rdf		
20	6	snapBeans-fresh-10per-CT.rdf		
21	6	snapBeans-processed-50per-CT.rdf		

Food Code	Crop Grp	Food Name	Def Res (ppm)	Adj. Factors #1	#2	RDL Pntr
234	6A	Beans-succulent-green				
		11-Uncooked	0.840000	1.000	0.170	20
		12-Cooked: NFS	0.840000	1.000	0.170	20
		14-Boiled	0.840000	1.000	0.170	20
		31-Canned: NFS	0.840000	1.000	0.170	21
		32-Canned: Cooked	0.840000	1.000	0.170	21
		34-Canned: Boiled	0.840000	1.000	0.170	21
		42-Frozen: Cooked	0.840000	1.000	0.170	21
		44-Frozen: Boiled	0.840000	1.000	0.170	21
		51-Cured: NFS (smoked/pickled/saltd)	0.840000	1.000	0.170	21
236	6A	Beans-succulent-yellow/wax				
		14-Boiled	0.840000	1.000	0.170	20
		32-Canned: Cooked	0.840000	1.000	0.170	21
		42-Frozen: Cooked	0.840000	1.000	0.170	21
323	M	Beef-dried	0.025000	1.920	0.040	3
324	M	Beef-fat w/o bones	0.025000	1.000	0.040	3
325	M	Beef-kidney	0.025000	1.000	0.040	3
327	M	Beef-lean (fat/free) w/o bones	0.025000	1.000	0.040	3
326	M	Beef-liver	0.025000	1.000	0.040	3
321	M	Beef-meat byproducts	0.025000	1.000	0.040	3
322	M	Beef-other organ meats	0.025000	1.000	0.040	3
301	O	Canola oil (rape seed oil)	0.005000	1.000	1.000	
366	P	Chicken-byproducts	0.050000	1.000	0.040	18
368	P	Chicken-fat w/o bones	0.050000	1.000	0.040	18
367	P	Chicken-giblets(liver)	0.050000	1.000	0.040	18
385	P	Chicken-giblets (excl. liver)	0.050000	1.000	0.040	18

369 P	Chicken-lean/fat free w/o bones	0.050000	1.000	0.040	18
167 4A	Chicory(french/belgian endive)	0.400000	1.000	0.300	6
148 9B	Cucumbers	0.380000	1.000	1.000	7
364 P	Eggs-white only	0.025000	1.000	0.040	3
363 P	Eggs-whole	0.025000	1.000	0.040	3
365 P	Eggs-yolk only	0.025000	1.000	0.040	3
330 M	Goat-fat w/o bone	0.025000	1.000	0.040	3
331 M	Goat-kidney	0.025000	1.000	0.040	3
333 M	Goat-lean (fat/free) w/o bone	0.025000	1.000	0.040	3
332 M	Goat-liver	0.025000	1.000	0.040	3
328 M	Goat-meat byproducts	0.025000	1.000	0.040	3
329 M	Goat-other organ meats	0.025000	1.000	0.040	3
315 O	Grapes-wine and sherry	6.000000	1.000	0.150	19
97 O	Kiwi fruit	5.200000	1.000	0.050	8
182 4A	Lettuce-unspecified	6.500000	1.000	0.010	9
176 4A	Lettuce-leafy varieties	6.500000	1.000	0.010	9
192 4A	Lettuce-head varieties	0.070000	1.000	0.190	10
205 3	Onions-dry-bulb (cipollini)	2.600000	1.000	0.010	12
155 B	Peppers-sweet(garden)	0.770000	1.000	1.000	14
344 M	Pork-fat w/o bone	0.025000	1.000	0.040	3
345 M	Pork-kidney	0.025000	1.000	0.040	3
347 M	Pork-lean (fat free) w/o bone	0.025000	1.000	0.040	3
346 M	Pork-liver	0.025000	1.000	0.040	3
342 M	Pork-meat byproducts	0.025000	1.000	0.040	3
343 M	Pork-other organ meats	0.025000	1.000	0.040	3
362 P	Poultry-other-fat w/o bones	0.050000	1.000	0.040	18
361 P	Poultry-other-giblets(liver)	0.050000	1.000	0.040	18
360 P	Poultry-other-lean (fat free) w/	0.050000	1.000	0.040	18
5 13A	Raspberries	2.100000	1.000	0.430	15
338 M	Sheep-fat w/o bone	0.025000	1.000	0.040	3
339 M	Sheep-kidney	0.025000	1.000	0.040	3
341 M	Sheep-lean (fat free) w/o bone	0.025000	1.000	0.040	3
340 M	Sheep-liver	0.025000	1.000	0.040	3
336 M	Sheep-meat byproducts	0.025000	1.000	0.040	3
337 M	Sheep-other organ meats	0.025000	1.000	0.040	3
355 P	Turkey-byproducts	0.050000	1.000	0.040	18
357 P	Turkey--fat w/o bones	0.050000	1.000	0.040	18
356 P	Turkey-giblets (liver)	0.050000	1.000	0.040	18
358 P	Turkey- lean/fat free w/o bones	0.050000	1.000	0.040	18
449 P	Turkey-other organ meats	0.050000	1.000	0.040	18
429 M	Veal-dried	0.025000	1.920	0.040	3
424 M	Veal-fat w/o bones	0.025000	1.000	0.040	3
426 M	Veal-kidney	0.025000	1.000	0.040	3
425 M	Veal-lean (fat free) w/o bones	0.025000	1.000	0.040	3
427 M	Veal-liver	0.025000	1.000	0.040	3
430 M	Veal-meat byproducts	0.025000	1.000	0.040	3
428 M	Veal-other organ meats	0.025000	1.000	0.040	3



Attachment 2 (continued)

Filename: C:\msahafeyan\0-Mohsen\Reviews\secondary reviews\vinclozolin\FinalRuns\\$vinacut2-GrpMdfd-GrnBns10100-NoStnFrt-NoStrbry.RS7  
 Chemical: Vinclozolin  
 RfD(Chronic): .0012 mg/kg bw/day NOEL(Chronic): 0 mg/kg bw/day  
 RfD(Acute): .006 mg/kg bw/day NOEL(Acute): 0 mg/kg bw/day Q\* = .29  
 Date created/last modified: 05-08-2001/17:40:24/8 Program ver. 7.73  
 Comment: Baseline #2

RDL indices and parameters for Monte Carlo Analysis:

Index #	Dist Code	Parameter #1	Param #2	Param #3
1	6	apricotvin.rdf		
2	6	Snapbeanvin.rdf		
3	6	Meatmilkvin.rdf		
4	6	sweetcherriesvin.rdf		
5	6	tartcherriesvin.rdf		
6	6	endivevin.rdf		
7	6	Cucumbervin2.rdf		
8	6	kiwifruitvin.rdf		
9	6	leaflettucevin.rdf		
10	6	headlettucevin.rdf		
11	6	nectarinevin.rdf		
12	6	onionsvin.rdf		
13	6	peachvin.rdf		
14	6	bellpeppervin.rdf		
15	6	raspberriesvin.rdf		
16	6	strawberryvin.rdf		
17	6	Winevin.rdf		
18	6	Poultryvin.rdf		
19	6	Winevin-2.rdf		
20	6	snapBeans-fresh-10per-CT.rdf		
21	6	snapBeans-processed-50per-CT.rdf		
22	6	snapBeans-processed-100per-CT.rdf		

Food Code	Crop Grp	Food Name	Def Res (ppm)	Adj. Factors #1	Adj. Factors #2	RDL Pntr
234	6A	Beans-succulent-green				
		11-Uncooked	0.840000	1.000	0.170	20
		12-Cooked: NFS	0.840000	1.000	0.170	20
		14-Boiled	0.840000	1.000	0.170	20
		31-Canned: NFS	0.840000	1.000	0.170	22
		32-Canned: Cooked	0.840000	1.000	0.170	22
		34-Canned: Boiled	0.840000	1.000	0.170	22
		42-Frozen: Cooked	0.840000	1.000	0.170	22
		44-Frozen: Boiled	0.840000	1.000	0.170	22
		51-Cured: NFS (smoked/pickled/saltd)	0.840000	1.000	0.170	22
236	6A	Beans-succulent-yellow/wax				
		14-Boiled	0.840000	1.000	0.170	20
		32-Canned: Cooked	0.840000	1.000	0.170	22
		42-Frozen: Cooked	0.840000	1.000	0.170	22
323	M	Beef-dried	0.025000	1.920	0.040	3
324	M	Beef-fat w/o bones	0.025000	1.000	0.040	3
325	M	Beef-kidney	0.025000	1.000	0.040	3
327	M	Beef-lean (fat/free) w/o bones	0.025000	1.000	0.040	3
326	M	Beef-liver	0.025000	1.000	0.040	3
321	M	Beef-meat byproducts	0.025000	1.000	0.040	3
322	M	Beef-other organ meats	0.025000	1.000	0.040	3
301	O	Canola oil (rape seed oil)	0.005000	1.000	1.000	
366	P	Chicken-byproducts	0.050000	1.000	0.040	18
368	P	Chicken-fat w/o bones	0.050000	1.000	0.040	18
367	P	Chicken-giblets(liver)	0.050000	1.000	0.040	18
385	P	Chicken-giblets (excl. liver)	0.050000	1.000	0.040	18

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369 P	Chicken-lean/fat free w/o bones	0.050000	1.000	0.040	18
167 4A	Chicory(french/belgian endive)	0.400000	1.000	0.300	6
148 9B	Cucumbers	0.380000	1.000	1.000	7
364 P	Eggs-white only	0.025000	1.000	0.040	3
363 P	Eggs-whole	0.025000	1.000	0.040	3
365 P	Eggs-yolk only	0.025000	1.000	0.040	3
330 M	Goat-fat w/o bone	0.025000	1.000	0.040	3
331 M	Goat-kidney	0.025000	1.000	0.040	3
333 M	Goat-lean (fat/free) w/o bone	0.025000	1.000	0.040	3
332 M	Goat-liver	0.025000	1.000	0.040	3
328 M	Goat-meat byproducts	0.025000	1.000	0.040	3
329 M	Goat-other organ meats	0.025000	1.000	0.040	3
315 O	Grapes-wine and sherry	6.000000	1.000	0.150	19
97 O	Kiwi fruit	5.200000	1.000	0.050	8
182 4A	Lettuce-unspecified	6.500000	1.000	0.010	9
176 4A	Lettuce-leafy varieties	6.500000	1.000	0.010	9
192 4A	Lettuce-head varieties	0.070000	1.000	0.190	10
205 3	Onions-dry-bulb (cipollini)	2.600000	1.000	0.010	12
155 8	Peppers-sweet(garden)	0.770000	1.000	1.000	14
344 M	Pork-fat w/o bone	0.025000	1.000	0.040	3
345 M	Pork-kidney	0.025000	1.000	0.040	3
347 M	Pork-lean (fat free) w/o bone	0.025000	1.000	0.040	3
346 M	Pork-liver	0.025000	1.000	0.040	3
342 M	Pork-meat byproducts	0.025000	1.000	0.040	3
343 M	Pork-other organ meats	0.025000	1.000	0.040	3
362 P	Poultry-other-fat w/o bones	0.050000	1.000	0.040	18
361 P	Poultry-other-giblets(liver)	0.050000	1.000	0.040	18
360 P	Poultry-other-lean (fat free) w/	0.050000	1.000	0.040	18
5 13A	Raspberries	2.100000	1.000	0.430	15
338 M	Sheep-fat w/o bone	0.025000	1.000	0.040	3
339 M	Sheep-kidney	0.025000	1.000	0.040	3
341 M	Sheep-lean (fat free) w/o bone	0.025000	1.000	0.040	3
340 M	Sheep-liver	0.025000	1.000	0.040	3
336 M	Sheep-meat byproducts	0.025000	1.000	0.040	3
337 M	Sheep-other organ meats	0.025000	1.000	0.040	3
355 P	Turkey-byproducts	0.050000	1.000	0.040	18
357 P	Turkey--fat w/o bones	0.050000	1.000	0.040	18
356 P	Turkey-giblets (liver)	0.050000	1.000	0.040	18
358 P	Turkey- lean/fat free w/o bones	0.050000	1.000	0.040	18
449 P	Turkey-other organ meats	0.050000	1.000	0.040	18
429 M	Veal-dried	0.025000	1.920	0.040	3
424 M	Veal-fat w/o bones	0.025000	1.000	0.040	3
426 M	Veal-kidney	0.025000	1.000	0.040	3
425 M	Veal-lean (fat free) w/o bones	0.025000	1.000	0.040	3
427 M	Veal-liver	0.025000	1.000	0.040	3
430 M	Veal-meat byproducts	0.025000	1.000	0.040	3
428 M	Veal-other organ meats	0.025000	1.000	0.040	3

Attachment 2 (continued)

Filename: C:\msahafeyan\0-Mohsen\Reviews\secondary reviews\vinclozolin\FinalRuns\\$vinacute2-GrpMdfd-NoGrnBns-NoStnFrt-NoStrbry.RS7  
 Chemical: Vinclozolin  
 RfD(Chronic): .0012 mg/kg bw/day NOEL(Chronic): 0 mg/kg bw/day  
 RfD(Acute): .006 mg/kg bw/day NOEL(Acute): 0 mg/kg bw/day Q\*= .29  
 Date created/last modified: 05-29-2001/09:04:45/8 Program ver. 7.73  
 Comment: Baseline#1 (or #2) with "NO Green Snap Beans"

RDL indices and parameters for Monte Carlo Analysis:

Index #	Dist	Parameter #1 Code	Param #2	Param #3
1	6	apricotvin.rdf		
2	6	Snapbeanvin.rdf		
3	6	Meatmilkvin.rdf		
4	6	sweetcherriesvin.rdf		
5	6	tartcherriesvin.rdf		
6	6	endivevin.rdf		
7	6	Cucumbervin2.rdf		
8	6	kiwifruitvin.rdf		
9	6	leaflettucevin.rdf		
10	6	headlettucevin.rdf		
11	6	nectarinevin.rdf		
12	6	onionsvin.rdf		
13	6	peachvin.rdf		
14	6	bellpeppervin.rdf		
15	6	raspberriesvin.rdf		
16	6	strawberryvin.rdf		
17	6	Winevin.rdf		
18	6	Poultryvin.rdf		
19	6	Winevin-2.rdf		
20	6	snapBeans-fresh-10per-CT.rdf		
21	6	snapBeans-processed-50per-CT.rdf		

Food Code	Crop Grp	Food Name	Def Res (ppm)	Adj.Factors #1	#2	RDL Pntr
323	M	Beef-dried	0.025000	1.920	0.040	3
324	M	Beef-fat w/o bones	0.025000	1.000	0.040	3
325	M	Beef-kidney	0.025000	1.000	0.040	3
327	M	Beef-lean (fat/free) w/o bones	0.025000	1.000	0.040	3
326	M	Beef-liver	0.025000	1.000	0.040	3
321	M	Beef-meat byproducts	0.025000	1.000	0.040	3
322	M	Beef-other organ meats	0.025000	1.000	0.040	3
301	O	Canola oil (rape seed oil)	0.005000	1.000	1.000	
366	P	Chicken-byproducts	0.050000	1.000	0.040	18
368	P	Chicken-fat w/o bones	0.050000	1.000	0.040	18
367	P	Chicken-giblets(liver)	0.050000	1.000	0.040	18
385	P	Chicken-giblets (excl. liver)	0.050000	1.000	0.040	18
369	P	Chicken-lean/fat free w/o bones	0.050000	1.000	0.040	18
167	4A	Chicory(french/belgian endive)	0.400000	1.000	0.300	6
148	9B	Cucumbers	0.380000	1.000	1.000	7
364	P	Eggs-white only	0.025000	1.000	0.040	3
363	P	Eggs-whole	0.025000	1.000	0.040	3
365	P	Eggs-yolk only	0.025000	1.000	0.040	3
330	M	Goat-fat w/o bone	0.025000	1.000	0.040	3
331	M	Goat-kidney	0.025000	1.000	0.040	3
333	M	Goat-lean (fat/free) w/o bone	0.025000	1.000	0.040	3
332	M	Goat-liver	0.025000	1.000	0.040	3
328	M	Goat-meat byproducts	0.025000	1.000	0.040	3
329	M	Goat-other organ meats	0.025000	1.000	0.040	3
315	O	Grapes-wine and sherry	6.000000	1.000	0.150	19
97	O	Kiwi fruit	5.200000	1.000	0.050	8
182	4A	Lettuce-unspecified	6.500000	1.000	0.010	9
176	4A	Lettuce-leafy varieties	6.500000	1.000	0.010	9

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192 4A	Lettuce-head varieties	0.070000	1.000	0.190	10
205 3	Onions-dry-bulb (cipollini)	2.600000	1.000	0.010	12
155 8	Peppers-sweet(garden)	0.770000	1.000	1.000	14
344 M	Pork-fat w/o bone	0.025000	1.000	0.040	3
345 M	Pork-kidney	0.025000	1.000	0.040	3
347 M	Pork-lean (fat free) w/o bone	0.025000	1.000	0.040	3
346 M	Pork-liver	0.025000	1.000	0.040	3
342 M	Pork-meat byproducts	0.025000	1.000	0.040	3
343 M	Pork-other organ meats	0.025000	1.000	0.040	3
362 P	Poultry-other-fat w/o bones	0.050000	1.000	0.040	18
361 P	Poultry-other-giblets(liver)	0.050000	1.000	0.040	18
360 P	Poultry-other-lean (fat free) w/	0.050000	1.000	0.040	18
5 13A	Raspberries	2.100000	1.000	0.430	15
338 M	Sheep-fat w/o bone	0.025000	1.000	0.040	3
339 M	Sheep-kidney	0.025000	1.000	0.040	3
341 M	Sheep-lean (fat free) w/o bone	0.025000	1.000	0.040	3
340 M	Sheep-liver	0.025000	1.000	0.040	3
336 M	Sheep-meat byproducts	0.025000	1.000	0.040	3
337 M	Sheep-other organ meats	0.025000	1.000	0.040	3
355 P	Turkey-byproducts	0.050000	1.000	0.040	18
357 P	Turkey--fat w/o bones	0.050000	1.000	0.040	18
356 P	Turkey-giblets (liver)	0.050000	1.000	0.040	18
358 P	Turkey- lean/fat free w/o bones	0.050000	1.000	0.040	18
449 P	Turkey-other organ meats	0.050000	1.000	0.040	18
429 M	Veal-dried	0.025000	1.920	0.040	3
424 M	Veal-fat w/o bones	0.025000	1.000	0.040	3
426 M	Veal-kidney	0.025000	1.000	0.040	3
425 M	Veal-lean (fat free) w/o bones	0.025000	1.000	0.040	3
427 M	Veal-liver	0.025000	1.000	0.040	3
430 M	Veal-meat byproducts	0.025000	1.000	0.040	3
428 M	Veal-other organ meats	0.025000	1.000	0.040	3

Attachment 2 (continued)

Filename: C:\msahafeyan\0-Mohsen\Reviews\secondary reviews\vinclozolin\FinalRuns\\$vinacute2-GrpMdfd-GrnBns1050-NoStnFrt-NoStrbryNoCanola.RS7  
 Chemical: Vinclozolin  
 RfD(Chronic): .0012 mg/kg bw/day NOEL(Chronic): 0 mg/kg bw/day  
 RfD(Acute): .006 mg/kg bw/day NOEL(Acute): 0 mg/kg bw/day Q\* = .29  
 Date created/last modified: 05-29-2001/10:06:41/8 Program ver. 7.73  
 Comment: Baseline #1 with "NO Canola"

RDL indices and parameters for Monte Carlo Analysis:

Index #	Dist Code	Parameter #1	Param #2	Param #3
1	6	apricotvin.rdf		
2	6	Snapbeanvin.rdf		
3	6	Meatmilkyin.rdf		
4	6	sweetcherriesvin.rdf		
5	6	tartcherriesvin.rdf		
6	6	endivevin.rdf		
7	6	Cucumbervin2.rdf		
8	6	kiwifruitvin.rdf		
9	6	leaflettucevin.rdf		
10	6	headlettucevin.rdf		
11	6	nectarinevin.rdf		
12	6	onionsvin.rdf		
13	6	peachvin.rdf		
14	6	bellpeppervin.rdf		
15	6	raspberriesvin.rdf		
16	6	strawberryvin.rdf		
17	6	Winevin.rdf		
18	6	Poultryvin.rdf		
19	6	Winevin-2.rdf		
20	6	snapBeans-fresh-10per-CT.rdf		
21	6	snapBeans-processed-50per-CT.rdf		

Food Code	Crop Grp	Food Name	Def Res (ppm)	Adj. Factors #1	Adj. Factors #2	RDL Pntr
234	6A	Beans-succulent-green				
		11-Uncooked	0.840000	1.000	0.170	20
		12-Cooked: NFS	0.840000	1.000	0.170	20
		14-Boiled	0.840000	1.000	0.170	20
		31-Canned: NFS	0.840000	1.000	0.170	21
		32-Canned: Cooked	0.840000	1.000	0.170	21
		34-Canned: Boiled	0.840000	1.000	0.170	21
		42-Frozen: Cooked	0.840000	1.000	0.170	21
		44-Frozen: Boiled	0.840000	1.000	0.170	21
		51-Cured: NFS (smoked/pickled/saltd)	0.840000	1.000	0.170	21
236	6A	Beans-succulent-yellow/wax				
		14-Boiled	0.840000	1.000	0.170	20
		32-Canned: Cooked	0.840000	1.000	0.170	21
		42-Frozen: Cooked	0.840000	1.000	0.170	21
323	M	Beef-dried	0.025000	1.920	0.040	3
324	M	Beef-fat w/o bones	0.025000	1.000	0.040	3
325	M	Beef-kidney	0.025000	1.000	0.040	3
327	M	Beef-lean (fat/free) w/o bones	0.025000	1.000	0.040	3
326	M	Beef-liver	0.025000	1.000	0.040	3
321	M	Beef-meat byproducts	0.025000	1.000	0.040	3
322	M	Beef-other organ meats	0.025000	1.000	0.040	3
366	P	Chicken-byproducts	0.050000	1.000	0.040	18
368	P	Chicken-fat w/o bones	0.050000	1.000	0.040	18
367	P	Chicken-giblets(liver)	0.050000	1.000	0.040	18
385	P	Chicken-giblets (excl. liver)	0.050000	1.000	0.040	18
369	P	Chicken-lean/fat free w/o bones	0.050000	1.000	0.040	18
167	4A	Chicory(french/belgian endive)	0.400000	1.000	0.300	6

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148 9B	Cucumbers	0.380000	1.000	1.000	7
364 P	Eggs-white only	0.025000	1.000	0.040	3
363 P	Eggs-whole	0.025000	1.000	0.040	3
365 P	Eggs-yolk only	0.025000	1.000	0.040	3
330 M	Goat-fat w/o bone	0.025000	1.000	0.040	3
331 M	Goat-kidney	0.025000	1.000	0.040	3
333 M	Goat-lean (fat/free) w/o bone	0.025000	1.000	0.040	3
332 M	Goat-liver	0.025000	1.000	0.040	3
328 M	Goat-meat byproducts	0.025000	1.000	0.040	3
329 M	Goat-other organ meats	0.025000	1.000	0.040	3
315 O	Grapes-wine and sherry	6.000000	1.000	0.150	19
97 O	Kiwi fruit	5.200000	1.000	0.050	8
182 4A	Lettuce-unspecified	6.500000	1.000	0.010	9
176 4A	Lettuce-leafy varieties	6.500000	1.000	0.010	9
192 4A	Lettuce-head varieties	0.070000	1.000	0.190	10
205 3	Onions-dry-bulb (cipollini)	2.600000	1.000	0.010	12
155 8	Peppers-sweet(garden)	0.770000	1.000	1.000	14
344 M	Pork-fat w/o bone	0.025000	1.000	0.040	3
345 M	Pork-kidney	0.025000	1.000	0.040	3
347 M	Pork-lean (fat free) w/o bone	0.025000	1.000	0.040	3
346 M	Pork-liver	0.025000	1.000	0.040	3
342 M	Pork-meat byproducts	0.025000	1.000	0.040	3
343 M	Pork-other organ meats	0.025000	1.000	0.040	3
362 P	Poultry-other-fat w/o bones	0.050000	1.000	0.040	18
361 P	Poultry-other-giblets(liver)	0.050000	1.000	0.040	18
360 P	Poultry-other-lean (fat free) w/	0.050000	1.000	0.040	18
5 13A	Raspberries	2.100000	1.000	0.430	15
338 M	Sheep-fat w/o bone	0.025000	1.000	0.040	3
339 M	Sheep-kidney	0.025000	1.000	0.040	3
341 M	Sheep-lean (fat free) w/o bone	0.025000	1.000	0.040	3
340 M	Sheep-liver	0.025000	1.000	0.040	3
336 M	Sheep-meat byproducts	0.025000	1.000	0.040	3
337 M	Sheep-other organ meats	0.025000	1.000	0.040	3
355 P	Turkey-byproducts	0.050000	1.000	0.040	18
357 P	Turkey--fat w/o bones	0.050000	1.000	0.040	18
356 P	Turkey-giblets (liver)	0.050000	1.000	0.040	18
358 P	Turkey- lean/fat free w/o bones	0.050000	1.000	0.040	18
449 P	Turkey-other organ meats	0.050000	1.000	0.040	18
429 M	Veal-dried	0.025000	1.920	0.040	3
424 M	Veal-fat w/o bones	0.025000	1.000	0.040	3
426 M	Veal-kidney	0.025000	1.000	0.040	3
425 M	Veal-lean (fat free) w/o bones	0.025000	1.000	0.040	3
427 M	Veal-liver	0.025000	1.000	0.040	3
430 M	Veal-meat byproducts	0.025000	1.000	0.040	3
428 M	Veal-other organ meats	0.025000	1.000	0.040	3

Attachment 2 (continued)

Filename: C:\msahafeyan\0-Mohsen\Reviews\secondary reviews\vinclozolin\FinalRuns\\$vinacute2-GrpMdfd-GrnBns10100-NoStnFrt-NoStrbryNoCanola.RS7  
 Chemical: Vinclozolin  
 RfD(Chronic): .0012 mg/kg bw/day NOEL(Chronic): 0 mg/kg bw/day  
 RfD(Acute): .006 mg/kg bw/day NOEL(Acute): 0 mg/kg bw/day a\*= .29  
 Date created/last modified: 05-29-2001/10:07:38/8 Program ver. 7.73  
 Comment: Baseline #2 with "NO Canola"

RDL indices and parameters for Monte Carlo Analysis:

Index #	Dist	Parameter #1 Code	Param #2	Param #3
1	6	apricotvin.rdf		
2	6	Snapbeanvin.rdf		
3	6	Meatmilkvin.rdf		
4	6	sweetcherriesvin.rdf		
5	6	tartcherriesvin.rdf		
6	6	endivevin.rdf		
7	6	Cucumbervin2.rdf		
8	6	kiwifruitvin.rdf		
9	6	leaflettucevin.rdf		
10	6	headlettucevin.rdf		
11	6	nectarinevin.rdf		
12	6	onionsvin.rdf		
13	6	peachvin.rdf		
14	6	bellpeppervin.rdf		
15	6	raspberriesvin.rdf		
16	6	strawberryvin.rdf		
17	6	Winevin.rdf		
18	6	Poultryvin.rdf		
19	6	Winevin-2.rdf		
20	6	snapBeans-fresh-10per-CT.rdf		
21	6	snapBeans-processed-50per-CT.rdf		
22	6	snapBeans-processed-100per-CT.rdf		

Food Code	Crop Grp	Food Name	Def Res (ppm)	Adj. Factors #1	Adj. Factors #2	RDL Pntr
234	6A	Beans-succulent-green				
		11-Uncooked	0.840000	1.000	0.170	20
		12-Cooked: NFS	0.840000	1.000	0.170	20
		14-Boiled	0.840000	1.000	0.170	20
		31-Canned: NFS	0.840000	1.000	0.170	22
		32-Canned: Cooked	0.840000	1.000	0.170	22
		34-Canned: Boiled	0.840000	1.000	0.170	22
		42-Frozen: Cooked	0.840000	1.000	0.170	22
		44-Frozen: Boiled	0.840000	1.000	0.170	22
		51-Cured: NFS (smoked/pickled/saltd)	0.840000	1.000	0.170	22
236	6A	Beans-succulent-yellow/wax				
		14-Boiled	0.840000	1.000	0.170	20
		32-Canned: Cooked	0.840000	1.000	0.170	22
		42-Frozen: Cooked	0.840000	1.000	0.170	22
323	M	Beef-dried	0.025000	1.920	0.040	3
324	M	Beef-fat w/o bones	0.025000	1.000	0.040	3
325	M	Beef-kidney	0.025000	1.000	0.040	3
327	M	Beef-lean (fat/free) w/o bones	0.025000	1.000	0.040	3
326	M	Beef-liver	0.025000	1.000	0.040	3
321	M	Beef-meat byproducts	0.025000	1.000	0.040	3
322	M	Beef-other organ meats	0.025000	1.000	0.040	3
366	P	Chicken-byproducts	0.050000	1.000	0.040	18
368	P	Chicken-fat w/o bones	0.050000	1.000	0.040	18
367	P	Chicken-giblets(liver)	0.050000	1.000	0.040	18
385	P	Chicken-giblets (excl. liver)	0.050000	1.000	0.040	18
369	P	Chicken-lean/fat free w/o bones	0.050000	1.000	0.040	18

15

167	4A	Chicory(french/belgian endive)	0.400000	1.000	0.300	6
148	9B	Cucumbers	0.380000	1.000	1.000	7
364	P	Eggs-white only	0.025000	1.000	0.040	3
363	P	Eggs-whole	0.025000	1.000	0.040	3
365	P	Eggs-yolk only	0.025000	1.000	0.040	3
330	M	Goat-fat w/o bone	0.025000	1.000	0.040	3
331	M	Goat-kidney	0.025000	1.000	0.040	3
333	M	Goat-lean (fat/free) w/o bone	0.025000	1.000	0.040	3
332	M	Goat-liver	0.025000	1.000	0.040	3
328	M	Goat-meat byproducts	0.025000	1.000	0.040	3
329	M	Goat-other organ meats	0.025000	1.000	0.040	3
315	O	Grapes-wine and sherry	6.000000	1.000	0.150	19
97	O	Kiwi fruit	5.200000	1.000	0.050	8
182	4A	Lettuce-unspecified	6.500000	1.000	0.010	9
176	4A	Lettuce-leafy varieties	6.500000	1.000	0.010	9
192	4A	Lettuce-head varieties	0.070000	1.000	0.190	10
205	3	Onions-dry-bulb (cipollini)	2.600000	1.000	0.010	12
155	8	Peppers-sweet(garden)	0.770000	1.000	1.000	14
344	M	Pork-fat w/o bone	0.025000	1.000	0.040	3
345	M	Pork-kidney	0.025000	1.000	0.040	3
347	M	Pork-lean (fat free) w/o bone	0.025000	1.000	0.040	3
346	M	Pork-liver	0.025000	1.000	0.040	3
342	M	Pork-meat byproducts	0.025000	1.000	0.040	3
343	M	Pork-other organ meats	0.025000	1.000	0.040	3
362	P	Poultry-other-fat w/o bones	0.050000	1.000	0.040	18
361	P	Poultry-other-giblets(liver)	0.050000	1.000	0.040	18
360	P	Poultry-other-lean (fat free) w/	0.050000	1.000	0.040	18
5	13A	Raspberries	2.100000	1.000	0.430	15
338	M	Sheep-fat w/o bone	0.025000	1.000	0.040	3
339	M	Sheep-kidney	0.025000	1.000	0.040	3
341	M	Sheep-lean (fat free) w/o bone	0.025000	1.000	0.040	3
340	M	Sheep-liver	0.025000	1.000	0.040	3
336	M	Sheep-meat byproducts	0.025000	1.000	0.040	3
337	M	Sheep-other organ meats	0.025000	1.000	0.040	3
355	P	Turkey-byproducts	0.050000	1.000	0.040	18
357	P	Turkey--fat w/o bones	0.050000	1.000	0.040	18
356	P	Turkey-giblets (liver)	0.050000	1.000	0.040	18
358	P	Turkey- lean/fat free w/o bones	0.050000	1.000	0.040	18
449	P	Turkey-other organ meats	0.050000	1.000	0.040	18
429	M	Veal-dried	0.025000	1.920	0.040	3
424	M	Veal-fat w/o bones	0.025000	1.000	0.040	3
426	M	Veal-kidney	0.025000	1.000	0.040	3
425	M	Veal-lean (fat free) w/o bones	0.025000	1.000	0.040	3
427	M	Veal-liver	0.025000	1.000	0.040	3
430	M	Veal-meat byproducts	0.025000	1.000	0.040	3
428	M	Veal-other organ meats	0.025000	1.000	0.040	3



Attachment 2 (continued)

Filename: C:\msahafeyan\0-Mohsen\Reviews\secondary reviews\vinclozolin\FinalRuns\\$vinacute2-GrpMdfd-NoGrnBnsNoCanola-NoStnFrt-NoStrbry.RS7  
 Chemical: Vinclozolin  
 RfD(Chronic): .0012 mg/kg bw/day NOEL(Chronic): 0 mg/kg bw/day  
 RfD(Acute): .006 mg/kg bw/day NOEL(Acute): 0 mg/kg bw/day Q\* = .29  
 Date created/last modified: 05-29-2001/10:08:38/8 Program ver. 7.73  
 Comment: Baseline#1 (or #2) with "NO Green Snap Beans & No Canola"

RDL indices and parameters for Monte Carlo Analysis:

Index #	Dist	Parameter #1	Param #2	Param #3
1	6	apricotvin.rdf		
2	6	Snapbeanvin.rdf		
3	6	Meatmilkvin.rdf		
4	6	sweetcherriesvin.rdf		
5	6	tartcherriesvin.rdf		
6	6	endivevin.rdf		
7	6	Cucumbervin2.rdf		
8	6	kiwifruitvin.rdf		
9	6	leaflettucevin.rdf		
10	6	headlettucevin.rdf		
11	6	nectarinevin.rdf		
12	6	onionsvin.rdf		
13	6	peachvin.rdf		
14	6	bellpeppervin.rdf		
15	6	raspberriesvin.rdf		
16	6	strawberryvin.rdf		
17	6	Winevin.rdf		
18	6	Poultryvin.rdf		
19	6	Winevin-2.rdf		
20	6	snapBeans-fresh-10per-CT.rdf		
21	6	snapBeans-processed-50per-CT.rdf		

Food Code	Crop Grp	Food Name	Def Res (ppm)	Adj. Factors #1	Adj. Factors #2	RDL Pntr
323	M	Beef-dried	0.025000	1.920	0.040	3
324	M	Beef-fat w/o bones	0.025000	1.000	0.040	3
325	M	Beef-kidney	0.025000	1.000	0.040	3
327	M	Beef-lean (fat/free) w/o bones	0.025000	1.000	0.040	3
326	M	Beef-liver	0.025000	1.000	0.040	3
321	M	Beef-meat byproducts	0.025000	1.000	0.040	3
322	M	Beef-other organ meats	0.025000	1.000	0.040	3
366	P	Chicken-byproducts	0.050000	1.000	0.040	18
368	P	Chicken-fat w/o bones	0.050000	1.000	0.040	18
367	P	Chicken-giblets(liver)	0.050000	1.000	0.040	18
385	P	Chicken-giblets (excl. liver)	0.050000	1.000	0.040	18
369	P	Chicken-lean/fat free w/o bones	0.050000	1.000	0.040	18
167	4A	Chicory(french/belgian endive)	0.400000	1.000	0.300	6
148	9B	Cucumbers	0.380000	1.000	1.000	7
364	P	Eggs-white only	0.025000	1.000	0.040	3
363	P	Eggs-whole	0.025000	1.000	0.040	3
365	P	Eggs-yolk only	0.025000	1.000	0.040	3
330	M	Goat-fat w/o bone	0.025000	1.000	0.040	3
331	M	Goat-kidney	0.025000	1.000	0.040	3
333	M	Goat-lean (fat/free) w/o bone	0.025000	1.000	0.040	3
332	M	Goat-liver	0.025000	1.000	0.040	3
328	M	Goat-meat byproducts	0.025000	1.000	0.040	3
329	M	Goat-other organ meats	0.025000	1.000	0.040	3
315	O	Grapes-wine and sherry	6.000000	1.000	0.150	19
97	O	Kiwi fruit	5.200000	1.000	0.050	8
182	4A	Lettuce-unspecified	6.500000	1.000	0.010	9
176	4A	Lettuce-leafy varieties	6.500000	1.000	0.010	9
192	4A	Lettuce-head varieties	0.070000	1.000	0.190	10

17

205	3	Onions-dry-bulb (cipollini)	2.600000	1.000	0.010	12
155	8	Peppers-sweet(garden)	0.770000	1.000	1.000	14
344	M	Pork-fat w/o bone	0.025000	1.000	0.040	3
345	M	Pork-kidney	0.025000	1.000	0.040	3
347	M	Pork-lean (fat free) w/o bone	0.025000	1.000	0.040	3
346	M	Pork-liver	0.025000	1.000	0.040	3
342	M	Pork-meat byproducts	0.025000	1.000	0.040	3
343	M	Pork-other organ meats	0.025000	1.000	0.040	3
362	P	Poultry-other-fat w/o bones	0.050000	1.000	0.040	18
361	P	Poultry-other-giblets(liver)	0.050000	1.000	0.040	18
360	P	Poultry-other-lean (fat free) w/	0.050000	1.000	0.040	18
5	13A	Raspberries	2.100000	1.000	0.430	15
338	M	Sheep-fat w/o bone	0.025000	1.000	0.040	3
339	M	Sheep-kidney	0.025000	1.000	0.040	3
341	M	Sheep-lean (fat free) w/o bone	0.025000	1.000	0.040	3
340	M	Sheep-liver	0.025000	1.000	0.040	3
336	M	Sheep-meat byproducts	0.025000	1.000	0.040	3
337	M	Sheep-other organ meats	0.025000	1.000	0.040	3
355	P	Turkey-byproducts	0.050000	1.000	0.040	18
357	P	Turkey-fat w/o bones	0.050000	1.000	0.040	18
356	P	Turkey-giblets (liver)	0.050000	1.000	0.040	18
358	P	Turkey- lean/fat free w/o bones	0.050000	1.000	0.040	18
449	P	Turkey-other organ meats	0.050000	1.000	0.040	18
429	M	Veal-dried	0.025000	1.920	0.040	3
424	M	Veal-fat w/o bones	0.025000	1.000	0.040	3
426	M	Veal-kidney	0.025000	1.000	0.040	3
425	M	Veal-lean (fat free) w/o bones	0.025000	1.000	0.040	3
427	M	Veal-liver	0.025000	1.000	0.040	3
430	M	Veal-meat byproducts	0.025000	1.000	0.040	3
428	M	Veal-other organ meats	0.025000	1.000	0.040	3

Attachment 3 : RDFs

*SnapBeans-fresh-10per-CT.rdf*

SNAPBEANS -FT-FRESH  
 PERCENT CROP TX = 10%  
 TOTALZ=351  
 TOTALNZ=39  
 1.5  
 0.57  
 0.33  
 0.47  
 1.2  
 0.17  
 0.56  
 2.4  
 0.38  
 0.73  
 0.53  
 0.62  
 0.76  
 0.64  
 0.95  
 1.03  
 1.06  
 1.09  
 1.04  
 1.84  
 1.99  
 1.17  
 1.22  
 1.25  
 0.96  
 1.15  
 1.18  
 0.29  
 0.35  
 0.42  
 0.28  
 0.3  
 0.46  
 0.63  
 0.66  
 0.67  
 0.57  
 0.62  
 0.65

*Kiwifruitvin.rdf*

KIWIFRUIT  
 PERCENT CROP TX = 45%  
 TOTALZ=11  
 TOTALNZ=9  
 3.61  
 5.67  
 1.97  
 7.91  
 2.9  
 6.67  
 4.78  
 8.4  
 4.66

*SnapBeans-processed-50per-CT.rdf*

SNAPBEANS -FT-Processed  
 PERCENT CROP TX = 100%  
 TOTALZ=0  
 TOTALNZ=39  
 1.5  
 0.57  
 0.33  
 0.47  
 1.2  
 0.17  
 0.56  
 2.4  
 0.38  
 0.73  
 0.53  
 0.62  
 0.76  
 0.64  
 0.95  
 1.03  
 1.06  
 1.09  
 1.04  
 1.84  
 1.99  
 1.17  
 1.22  
 1.25  
 0.96  
 1.15  
 1.18  
 0.29  
 0.35  
 0.42  
 0.28  
 0.3  
 0.46  
 0.63  
 0.66  
 0.67  
 0.57  
 0.62  
 0.65

*headletucevin.rdf*

HEAD LETTUCE  
 PERCENT CROP TX = 25%  
 TOTALZ=9  
 TOTALNZ=3  
 0.11  
 0.05  
 0.05

*SnapBeans-processed-50per-CT.rdf*

SNAPBEANS -FT-Processed  
 PERCENT CROP TX = 50%  
 TOTALZ=39  
 TOTALNZ=39  
 1.5  
 0.57  
 0.33  
 0.47  
 1.2  
 0.17  
 0.56  
 2.4  
 0.38  
 0.73  
 0.53  
 0.62  
 0.76  
 0.64  
 0.95  
 1.03  
 1.06  
 1.09  
 1.04  
 1.84  
 1.99  
 1.17  
 1.22  
 1.25  
 0.96  
 1.15  
 1.18  
 0.29  
 0.35  
 0.42  
 0.28  
 0.3  
 0.46  
 0.63  
 0.66  
 0.67  
 0.57  
 0.62  
 0.65

*Meatmilkvin.rdf*

Meat, Milk, Eggs  
 PERCENT CROP TX = 20% treated  
 TOTALZ=4  
 TOTALNZ=1  
 0.025

*Poultryvin.rdf*

PERCENT CROP TX = 20%  
 treated  
 TOTALZ=4  
 TOTALNZ=1  
 0.05

*endivevin.rdf*

ENDIVE-FT  
 10% Imported CT  
 TOTALZ=135  
 TOTALNZ=15  
 0.58  
 0.19  
 0.45  
 0.21  
 0.25  
 0.23  
 0.22  
 0.63  
 0.16  
 0.11  
 0.14  
 0.18  
 0.32  
 1.4  
 0.95

*bellpeppervin.rdf*

BELL PEPPERS  
 % imported = 31%; % imported  
 CT = 1%  
 TOTALZ=2572  
 TOTALNZ=8  
 0.83  
 1.05  
 0.81  
 0.69  
 0.67  
 0.66  
 0.6  
 0.81

Attachment 3 (continued)

<b>Cucumbervin2.rdf</b>	<b>Winevin-2.rdf</b>	<b>Onionsvin.rdf</b>	<b>raspberriesvin.rdf</b>
CUCUMBERS-FT	WINE AND SHERRY	ONIONS	RASPBERRIES
% imported = 22%; %	PERCENT CROP TX =	PERCENT CROP TX =	PERCENT CROP TX =
imported CT = 1%	1.7%	4%	52%
TOTALZ=16328	TOTALZ=1330	TOTALZ=336	TOTALZ=11
TOTALNZ=36	TOTALNZ=23	TOTALNZ=14	TOTALNZ=12
0.27	1.2	0.13	2.1
0.29	5.8	0.05	2.1
0.27	4.0	0.13	2.6
0.23	2.2	0.13	2.9
0.22	1.5	0.12	3.4
0.29	2.0	0.16	4.6
0.27	2.0	0.29	0.15
0.25	3.8	0.13	0.17
0.23	3.5	7.58	0.15
0.31	0.9	5.18	2.1
0.25	2.2	8.4	2.4
0.23	0.8	4.44	2.4
0.25	1.0	3.33	
0.30	3.0	5.84	
0.17	1.5		
0.32	3.6		
0.36	0.4	<b>Leafletucevin.rdf</b>	
0.53	0.41	LEAF LETTUCE	
0.22	2.0	PERCENT CROP TX =	
0.45	3.0	5%	
0.27	2.3	TOTALZ=247	
0.29	0.6	TOTALNZ=13	
0.40	0.4	0.36	
0.30		0.27	
0.23		0.34	
0.77		0.34	
0.35		16.4	
0.20		12	
0.40		17.6	
0.53		10	
0.65		15.9	
0.53		11	
0.60		0.15	
0.50		0.27	
1.0		0.07	
0.80			