US EPA ARCHIVE DOCUMENT

15

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)

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

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[5] at different Percentiles of Exposure			Description of the DEEM run	%aPAD[5] at different Percentiles of Exposure		
	95th	99th	99.9th		95th	99th	99.9th
Baseline # 1[1]	2	19	116	Baseline # 2[2]	2	20	116
No Green Snap Beans	2	10	113	No Green Snap Beans[3]	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[4]	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 Safty Factor, RfD = Reference Dose

2

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

3

Attachment 1: The Estimated Risks for Females Sub-Population

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U.S. Environmental Protection Agency                                  Ver. 7.72
DEEM ACUTE Analysis for VINCLOZOLIN                                (1989-92 data)
Residue file: $vinacute2-GrpMdfd-GrnBns1050-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
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U.S. Environmental Protection Agency                                  Ver. 7.72
DEEM ACUTE Analysis for VINCLOZOLIN                                (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
```


4

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"

Summary calculations (per capita):

	95th Percentile Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile 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-NoStrbryNoCanola.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 Exposure	% aRfD	99th Percentile Exposure	% aRfD	99.9th Percentile 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

5

Attachment 1 (Continued)

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U.S. Environmental Protection Agency                                  Ver. 7.72
DEEM ACUTE Analysis for VINCLOZOLIN                                (1989-92 data)
Residue file: $vinacute2-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 VINCLOZOLIN                                (1989-92 data)
Residue file: $vinacute2-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
```


6

Attachment 2 : The Residue Files

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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
-------------------------------------------------------------------------------
RDL indices and parameters for Monte Carlo Analysis:
Index Dist Parameter #1        Param #2  Param #3
  #   Code
----- ---- ------------        --------  --------
  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 Crop Food Name                          Def Res     Adj.Factors  RDL
Code  Grp                                     (ppm)       #1     #2   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
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7

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-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 Parameter #1        Param #2  Param #3
  #   Code
----- ---- ------------        --------  --------
  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	#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

9

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)

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Filename: C:\msahafeyan\O-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        Param #2  Param #3
  #   Code
----- ---- ------------        --------  --------
  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

11

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)

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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 Parameter #1        Param #2  Param #3
  #   Code
----- ---- ------------        --------  --------
  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
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	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 Q*= .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        Param #2  Param #3
  #   Code
----- ---- -----------        --------  --------
  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	#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

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
  #   Code
----- ---- -----------        --------  --------
  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
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	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

Kiwifrultvin.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

headlettucevin.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)

Cucumbervin2.rdf
CUCUMBERS-FT
% imported = 22%; % imported CT = 1%
TOTALZ=16328
TOTALNZ=36
0.27
0.29
0.27
0.23
0.22
0.29
0.27
0.25
0.23
0.31
0.25
0.23
0.25
0.30
0.17
0.32
0.36
0.53
0.22
0.45
0.27
0.29
0.40
0.30
0.23
0.77
0.35
0.20
0.40
0.53
0.65
0.53
0.60
0.50
1.0
0.80

Winevin-2.rdf
WINE AND SHERRY
PERCENT CROP TX = 1.7%
TOTALZ=1330
TOTALNZ=23
1.2
5.8
4.0
2.2
1.5
2.0
2.0
3.8
3.5
0.9
2.2
0.8
1.0
3.0
1.5
3.6
0.4
0.41
2.0
3.0
2.3
0.6
0.4

Onionsvin.rdf
ONIONS
PERCENT CROP TX = 4%
TOTALZ=336
TOTALNZ=14
0.13
0.05
0.13
0.13
0.12
0.16
0.29
0.13
7.58
5.18
8.4
4.44
3.33
5.84

Leaflettucevin.rdf
LEAF LETTUCE
PERCENT CROP TX = 5%
TOTALZ=247
TOTALNZ=13
0.36
0.27
0.34
0.34
16.4
12
17.6
10
15.9
11
0.15
0.27
0.07

raspberriesvin.rdf
RASPBERRIES
PERCENT CROP TX = 52%
TOTALZ=11
TOTALNZ=12
2.1
2.1
2.6
2.9
3.4
4.6
0.15
0.17
0.15
2.1
2.4
2.4