



Australian Government
**Australian Pesticides and
Veterinary Medicines Authority**



DIMETHOATE

RESIDUES AND DIETARY EXPOSURE ASSESSMENT

APPENDIX 7: RESIDUES DATA SUPPLIED BY REGISTRANT

AUG 2011

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1 AUSTRALIAN RESIDUE DATA

CAPSICUMS

Report No. VG00097-2; Bodnaruk, K.; Trials to determine the level of dimethoate in capsicums following post-harvest flood spraying; October 2002.

A trial was conducted at 4 sites in Australia in 2002 to determine residues of dimethoate and omethoate in capsicums following post-harvest flood sprays. Forty-eight fruit samples were collected from each trial plot, 24 were kept as controls with 24 receiving a dimethoate on-line flood spray at a rate of 100 mL/100 L (40 g ai/100 L). The on-line flood sprayer consists of a series of nozzles applying the dimethoate solution to fruit travelling along a conveyor. Fruit samples were allowed to dry and then stored frozen until analysis which was within 2 months.

Samples were homogenised with acetone in a blender. The extract was filtered and hexane / methylene chloride (1:1) added. After mixing in a separatory funnel the organic layer was collected and concentrated on a rotary evaporator. The aqueous layer was re-extracted with dichloromethane. The combined organic extracts were concentrated on a rotary evaporator and resuspended in acetone prior to analysis by gas chromatography with a phosphorus specific flame photometric detector. The LOQ for the method was 0.02 mg/kg for dimethoate and 0.04 mg/kg for omethoate. Recoveries of dimethoate and omethoate from fortified control samples of capsicums were within acceptable limits as summarised below:

Table 1: Recoveries of dimethoate and omethoate from fortified samples of capsicums.

Sample	Omethoate fortification level (mg/kg)	Omethoate recovery (%)	Dimethoate fortification level (mg/kg)	Dimethoate recovery (%)
Capsicum	0.08	98.8	0.09	95.5
	0.04	114.6	0.05	93.3
			0.02	88.9

Residues found in treated and untreated samples of capsicums are summarised below.

Table 2: Residues of dimethoate in capsicums following post harvest spray.

Crop, variety, location	Application rate (g ai/100 L)	Omethoate (mg/kg)	Dimethoate (mg/kg)	Total residue (mg/kg)
Capsicum, Green Giant, Mareeba, Qld, 2002	40 (post harvest spray)	0.19	1.80	1.99
	control	<0.04	<0.02	<0.06
Capsicum, Green Giant, Mareeba, Qld, 2002	40 (post harvest spray)	0.19	1.46	1.65
	control	<0.04	<0.02	<0.06
Capsicum, Warlock, Bowen, Qld, 2002	40 (post harvest spray)	<0.04	2.95	2.99
	control	<0.04	<0.02	<0.06
Capsicum, Merlin, Bowen, Qld, 2002	40 (post harvest spray)	<0.04	1.56	1.60
	control	<0.04	<0.02	<0.06

Residues of dimethoate and omethoate in the control samples of capsicums were all below the LOQ (<0.04 for omethoate, <0.02 for dimethoate). Residues found in samples treated with a post-harvest spray at the label rate (40 g ai/100 L) were 1.60, 1.65, 1.99 and 2.99 mg/kg. It was suggested the residue of 2.99 mg/kg was higher than expected as the samples in this trial were stacked before drying had been completed, leading to the possibility that samples on the bottom could be affected by run off from samples on the top.

It is noted that samples of the pre and post-treatment flood spray solutions were also analysed. All pre-treatment solutions had dimethoate residues with 10% of the required concentration (400 mg/L). The post treatment solution from site 1 was significantly below this level (263 mg/L), the cause of which is unknown.

Report no. VG00097-3; Bodnaruk, K.; A trial to determine the level of dimethoate in capsicums following foliar spraying and post harvest flood spraying; October 2002.

A trial was conducted in Queensland in 2002 to determine residues in capsicums following pre-harvest foliar and post-harvest sprays with a 400 g/L formulation of dimethoate. Capsicums were treated with 3 foliar applications of the product at 750 mL/ha (300 g ai/ha) a 7 day intervals. A post-harvest

spray application was made at 100 mL/100 L (40 g ai/100 L) to the treated capsicums 7 days after the last foliar application and to untreated capsicums. Samples of capsicum fruit were collected at 0, 1, 3 and 7 days after the 3rd foliar spray and also after the post harvest spray. Each sample consisted of 2 kg of capsicums and was stored frozen until analysis which was within 1 month.

Samples were homogenised with acetone in a blender. The extract was filtered and hexane / methylene chloride (1:1) added. After mixing in a separatory funnel the organic layer was collected and concentrated on a rotary evaporator. The aqueous layer was re-extracted with dichloromethane. The combined organic extracts were concentrated on a rotary evaporator and resuspended in acetone prior to analysis by gas chromatography with a phosphorus specific flame photometric detector. The LOQ for the method was 0.02 mg/kg for dimethoate and 0.04 mg/kg for omethoate. Recoveries of dimethoate and omethoate from fortified control samples of capsicums were within acceptable limits as summarised below:

Table 1: Recoveries of dimethoate and omethoate from fortified samples of capsicums.

Sample	Omethoate fortification level (mg/kg)	Omethoate recovery (%)	Dimethoate fortification level (mg/kg)	Dimethoate recovery (%)
Capsicum	0.08	98.8	0.09	95.5
	0.04	114.6	0.05	93.3
			0.02	88.9

Residues found in treated and untreated samples of capsicums are summarised below.

Table 2: Residues of dimethoate in capsicums following post harvest spray.

Crop, variety, location	Application details	Sample timing (days after 3 rd spray)	Omethoate (mg/kg)	Dimethoate (mg/kg)	Total residue (mg/kg)
Capsicums, Aries, Bowen, Qld 2002	300 g ai/ha (foliar spray : 3 applications 7 days apart, application volume 250 L/ha)	0	<0.04	0.16	0.20
		1	<0.04	0.10	0.14
		3	<0.04	0.12	0.16
		7	<0.04	0.14	0.18
	300 g ai/ha (foliar spray : 3 applications 7 days apart, application volume 250 L/ha) + 40 g ai/100 L (post-harvest spray, 7 days after 3 rd foliar spray)	7	<0.04	1.75	1.79
	40 g ai/100 L (post-harvest spray)	-	<0.04	1.26	1.30
	Control	-	<0.04	<0.02	<0.06

Capsicum fruit sampled 3 days (current WHP) after the third foliar application had total dimethoate residues of 0.16 mg/kg, increasing to 0.18 mg/kg by 7 DALA. The post-harvest treatment of previously untreated fruit resulted in total dimethoate residues of 1.30 mg/kg. Total dimethoate residues following 3 foliar applications plus a post-harvest flood treatment were 1.79 mg/kg.

Samples of the pre and post-harvest spray solutions were also analysed. All spray solutions were found to have dimethoate residues within 10% of the required concentrations (i.e. 1200 or 400 mg/L).

2 OVERSEAS RESIDUE DATA

2.1 Citrus fruits

CHA Doc. No. 460 DMT; Wilson, A.; Dimethoate : Residue decline curve study with an EC formulation containing 400 g/L dimethoate applied to citrus in Spain, Italy and Greece; 2001

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Oranges, mandarins, lemons / Citrus	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Spain, Italy, Greece	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 460 DMT, Spain, Italy, Greece	Oranges, Navelina (Spain)	25/10/99 (Harvest)	Lance	0.06 kg ai/100 L	Water 3483, 3461, 3494 L/ha	2.07, 2.05, 2.16 kg a.i./ha	21/5/99 16/6/99 4/10/99	BBCH 81	Whole fruit	0	1.39	<0.01	Controls <0.01 mg/kg except one lemon peel sample with dimethoate at 0.02 mg/kg (Italian trial); dimethoate
										7	0.75	0.05	
										14	0.66	0.04	
										21	0.65	0.05	
										29	0.43	0.03	
									Peel	21	2.60	0.13	
	Oranges, Navelina (Italy)	20/10/99 (Harvest)	Lance	0.06 kg	Water 3507,	2.08, 2.08,	26/5/99 24/6/99	BBCH 81		29	1.90	0.11	
									Pulp	21	0.02	0.03	
										29	0.02	0.03	
									Whole fruit	0	1.24	<0.01	
										7	0.63	0.05	

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				ai/100 L	3501, 3488 L/ha	2.16 kg a.i./ha	29/9/99			14 21 28	0.56 0.29 0.18	0.05 0.03 0.03	recoveries 64 – 110%, omethoate recoveries 65 – 110%; Samples analysed within 21 weeks of first sampling.
									Peel	21 28	0.74 0.72	0.06 0.06	
									Pulp	21 28	<0.01 <0.01	0.01 0.01	
	Mandarin, Clementinos (Spain)	3/11/99 (Harvest)	Lance	0.06 kg ai/100 L	Water 3482, 3503, 3508 L/ha	2.07, 2.08, 2.17 kg a.i./ha	17/5/99 16/6/99 13/10/99	BBCH 81	Whole fruit	0 7 14 21 28	1.75 1.22 0.53 0.37 0.31	0.01 0.06 0.07 0.08 0.07	
									Peel	21 28	1.14 0.74	0.13 0.14	
									Pulp	21 28	<0.01 <0.01	0.04 0.03	
	Mandarin, Klementine (Greece)	8/12/99 (Harvest)	Lance	0.06 kg ai/100 L	Water 3493, 3497, 3499 L/ha	2.07, 2.08, 2.16 kg a.i./ha	6/5/99 10/6/99 17/11/99	BBCH 81	Whole fruit	0 7 14 21 28	1.59 1.16 0.55 0.52 0.44	<0.01 0.07 0.06 0.08 0.08	
									Peel	21 28	1.47 1.13	0.21 0.24	
									Pulp	21 28	0.02 <0.01	0.02 0.02	
	Lemons, Femminello zagara bianca, Italy	21/10/99 (Harvest)	Lance	0.06 kg ai/100 L	Water 3503, 3503, 3496 L/ha	2.08, 2.08, 2.16 kg a.i./ha	26/5/99 24/6/99 30/9/99	BBCH 81	Whole fruit	0 7 13 21 28	2.02 1.49 1.21 0.76 0.32	0.02 0.09 0.09 0.10 0.07	
									Peel	21 28	1.46 0.75	0.17 0.18	
									Pulp	21	0.05	0.04	

										28	0.04	0.05	
	Lemons, Maglino, Greece	14/12/99 (Harvest)	Lance	0.06 kg ai/100 L	Water 3501, 3500, 3497 L/ha	2.08, 2.08, 2.16 kg a.i./ha	6/5/99 10/6/99 23/11/99	BBCH 81	Whole fruit	0 7 14 21 28	1.80 2.53 1.72 0.87 1.10	<0.01 0.04 0.07 0.08 0.11	
									Peel	21 28	3.92 3.23	0.24 0.23	
									Pulp	21 28	0.18 0.19	0.05 0.06	

CHA Doc. No. 467 DMT; Wilson, A.; Dimethoate : Residue Study (Decline curve and at harvest) with an EC formulation containing 400 g/L dimethoate applied to citrus in Spain, Italy and Greece in 2000.; 2001

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Oranges, Clementines / Citrus	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Spain, Italy, Greece	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 467 DMT, Spain, Italy, Greece	Oranges, Naveline (Italy)	2/01/01 (Harvest)	Research lance	0.06 kg ai/100 L	Water 3500, 3504, 3507 L/ha	2.18, 2.19, 2.19 kg a.i./ha	3/5/00 21/6/00 12/12/00	BBCH 85	Whole	0 21 28	2.33 0.89 1.50	0.02 0.02 0.04	Controls <0.002 mg/kg, dimethoate recoveries 71 – 109%, omethoate recoveries 71 – 96%, samples analysed within 18 weeks of first sampling.
									Peel	21 28	4.12 4.84	0.06 0.08	
									Pulp	21 28	0.06 0.07	0.01 0.02	
	Oranges, Naveline (Greece)	8/12/00 (Harvest)	Research lance	0.06 kg ai/100 L	Water 3503, 3504, 3499 L/ha	2.18, 2.19, 2.18 kg a.i./ha	18/5/00 15/6/00 16/11/00	BBCH 85	Whole	0 22 28	1.85 0.77 0.47	<0.01 0.02 <0.01	
									Peel	22 28	1.94 1.70	0.02 0.02	
									Pulp	22 28	0.02 <0.01	<0.01 <0.01	
	Oranges, Naveline (Greece)	7/12/00 (Harvest)	Research lance	0.06 kg	Water 3508,	2.19, 2.18,	18/5/00 16/6/00	BBCH 85	Whole	0 7	0.83 0.82	<0.01 <0.01	

				ai/100 L	3497, 3506 L/ha	2.19 kg a.i./ha	16/11/00			14 21 27	0.26 0.41 0.41	<0.01 <0.01 0.03	
									Peel	21 27	1.93 0.47	0.03 <0.01	
									Pulp	21 27	<0.01 <0.002	<0.01 <0.002	
	Oranges, Naveline (Spain)	10/10/00 (Harvest)	Research lance + research airblast	0.06 kg ai/100 L	Water 3503, 3561, 3523 L/ha	2.18, 2.22, 2.20 kg a.i./ha	14/5/00 18/6/00 18/9/00	BBCH 80	Whole	0 7 15 22 28	1.98 2.21 0.98 0.85 0.73	0.02 0.06 0.08 0.04 0.04	
									Peel	22 28	4.94 2.76	0.16 0.07	
									Pulp	22 28	0.03 <0.01	0.03 0.02	
	Clementine (Spain)	10/10/00 (Harvest)	Research lance + research airblast	0.06 kg ai/100 L	Water 3503, 3520, 3509 L/ha	2.18, 2.20, 2.19 kg a.i./ha	15/5/00 18/6/00 18/9/00	BBCH 80	Whole	0 7 15 22 28	5.24 3.55 1.59 1.48 0.94	0.04 0.13 0.14 0.15 0.11	
									Peel	22 28	11.70 6.75	0.29 0.22	
									Pulp	22 28	0.02 <0.01	0.11 0.08	
	Clementine, Isabella (Italy)	2/01/01 (Harvest)	Research lance	0.06 kg ai/100 L	Water 3488, 3499, 3524 L/ha	2.18, 2.18, 2.20 kg a.i./ha	3/5/00 20/6/00 11/12/00	BBCH 85	Whole	22	3.10	0.13	
									Peel	22	8.72	0.31	
									Pulp	22	0.07	0.13	

CHA Doc. No. 551 DMT; Wilson, A.; Dimethoate : Residue Study (Decline Curve and at harvest) with an EC Formulation containing 400 g/L dimethoate applied to citrus in Spain, Italy and Greece in 2001; 2002

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Oranges, mandarins, clementines / citrus	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Spain, Italy, Greece	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 551 DMT, Spain, Italy, Greece	Oranges, Naveline (Greece)	19/12/01 (Harvest)	Research lance	0.06 kg ai/100 L	Water 3504, 3502, 3496 L/ha	2.19, 2.18, 2.18 kg a.i./ha	16/05/01 27/06/01 21/11/01	BBCH 88	Whole Whole Peel Pulp Whole Peel Pulp	0 21 21 21 28 28 28	1.25 0.37 1.69 0.01 0.02 0.07 <0.002	<0.01 <0.01 0.02 <0.002 <0.01 <0.01 <0.002	Contamination of control plots from Italian trials due to suspected drift from neighbouring farms (residues are uncorrected); dimethoate recoveries 84 – 109%, omethoate recoveries 71 – 105%, samples analysed
	Oranges, Naveline (Spain)	11/10/01 (Harvest)	Research lance	0.06 kg ai/100 L	Water 3513, 3507, 3505 L/ha	2.19 kg a.i./ha	22/05/01 4/06/01 12/09/01	BBCH 79	Whole Whole Peel Pulp Whole Peel Pulp	0 21 21 21 29 29 29	2.35 0.83 3.48 0.01 0.36 2.18 0.02	0.04 0.05 0.20 0.08 0.03 0.09 0.02	
	Mandarins, Clementine (Spain)	10/10/01 (Harvest)	Research lance	0.06 kg ai/100 L	Water 3493, 3504, 3503 L/ha	2.18 kg a.i./ha	22/05/01 4/06/01 12/09/01	BBCH 78	Whole Whole Peel Pulp Whole	0 21 21 21 29	2.71 0.35 4.43 0.02 0.28	0.02 0.08 0.18 0.03 0.06	

									Peel Pulp	29 29	2.14 <0.002	0.15 0.05	within 20 weeks of first sampling.
	Clementine, Clementino di Paternò (Italy)	28/11/01 (Harvest)	Research lance	0.06 kg ai/100 L	Water 3499, 3516, 3506 L/ha	2.18, 2.19, 2.19 kg a.i./ha	29/05/01 29/06/01 30/10/01	BBCH 81	Whole Whole Peel Pulp Whole Peel Pulp	0 22 22 22 29 29 29	3.65 1.17 4.55 0.01 1.07 3.54 0.01	0.08 0.13 0.33 0.04 0.11 0.31 0.05	
	Mandarins, Avana (Italy)	28/11/01 (Harvest)	Research lance	0.06 kg ai/100 L	Water 3504, 3497, 3521 L/ha	2.19, 2.18, 2.20 kg a.i./ha	29/05/01 29/06/01 30/10/01	BBCH 81	Whole Whole Peel Pulp Whole Peel Pulp	0 22 22 22 29 29 29	2.42 1.34 1.64 0.01 1.06 4.17 0.01	0.01 0.06 0.04 <0.01 0.14 0.28 0.05	
	Clementine (Greece)	12/12/01 (Harvest)	Research lance	0.06 kg ai/100 L	Water 3505, 3508, 3495 L/ha	2.19, 2.19, 2.18 kg a.i./ha	16/05/01 27/06/01 15/11/01	BBCH 89	Whole Whole Whole Whole Peel Pulp Whole Peel Pulp	0 7 14 21 21 21 28 28 28	2.48 1.72 1.24 0.61 1.71 <0.01 1.04 2.13 <0.01	0.02 0.06 0.07 0.06 0.11 <0.01 0.08 0.19 <0.01	

2.2 Stalk and stem vegetables

ASPARAGUS

CHA Doc. No. 527 DMT; Wilson, A.; Dimethoate : Residue Study (Decline Curve) with an EC formulation containing 400 g/L dimethoate applied to asparagus in Italy in 2000; 2002.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Asparagus / stalk and stem vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Italy	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 527 DMT, Italy	Asparagus, Hybrid SF144 (Montanaso Lombardo)	1997 (Planting) 18/05/00 (Harvest)	Backpack boom	0.04, 0.04 kg ai/100 L	Water 1008, 1012 L/ha	0.419 , 0.421 kg a.i./ha	20/04/00 18/7/00	8 – 10 cm (i) 1500 cm (fern) (ii)	Spears	0 7 14 21 28 294	1.40 <0.01 <0.002 <0.002 <0.002 <0.002	0.02 <0.002 <0.002 <0.01 <0.002 <0.002	Controls <0.01 mg/kg, dimethoate recoveries 90 – 104%, omethoate recoveries 74 – 79%, samples stored for up to 20 weeks before analysis.
	Asparagus, Eros (Dronero)	1998 (Planting) 30/05/00 (Harvest)	Backpack boom	0.04, 0.04 kg ai/100 L	Water 997, 1003 L/ha	0.414 , 0.417 kg a.i./ha	2/05/00 9/08/00	15-20 cm (i) 1200 cm (fern) (ii)	Spears	0 7 14 21 28 310	1.00 0.01 <0.002 <0.01 <0.002 <0.002	<0.01 <0.002 <0.002 0.01 <0.002 <0.002	

CHA Doc. No. 479 DMT; Wilson, A.; Dimethoate : Residue study (decline curve) with an EC formulation containing 400 g/L dimethoate applied to asparagus in Spain 2001; 2001

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Asparagus / stalk and stem vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Spain	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 479 DMT, Spain	Asparagus, Plaver, (Huétor Tájar)	8/05/01 (Harvest)	Backpack boom	0.10 kg ai/100 L	Water 1003 L/ha	0.42 kg a.i./ha	24/4/01	10-30 cm stems	Asparagus stems	0 3 7 10 14	2.02 0.06 <0.002 <0.002 <0.002	0.05 0.02 <0.002 <0.002 <0.002	Controls <0.002 mg/kg, dimethoate recoveries 99 to 108%, omethoate recoveries 75 – 98%, samples stored for up to 5 weeks before analysis.
	Asparagus, Plaver, (Huétor Tájar)	8/05/01 (Harvest)	Backpack boom	0.10 kg ai/100 L	Water 1033 L/ha	0.43 kg a.i./ha	24/4/01	10-30 cm stems	Asparagus stems	0 3 7 10 14	1.08 0.02 <0.01 <0.01 <0.002	0.01 <0.01 <0.002 <0.002 <0.002	

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CHA Doc. No. 572 DMT; Wilson, A.; Dimethoate : Residue Study (Decline curve) with a EC formulation containing 400 g/L dimethoate applied to asparagus in Italy in 2002; 2002.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Asparagus / Stalk and stem vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd.	Indoor/Glasshouse/Other:	Field
Country:	Italy	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 572 DMT, Italy	Asparagus, Eros (Arcagna)	1999 (Planting) 7/05/02 (Harvest)	Backpack boom	0.0417 kg ai/100 L	Water 1008 L/ha	0.420 kg a.i./ha	30/04/02	30 cm	Spears	0 3 7	1.00 0.06 <0.002	0.01 0.02 <0.002	Controls <0.002 mg/kg, dimethoate recoveries 94 – 95%, omethoate recoveries 70 – 100%, samples stored for up to 18 weeks before analysis
	Asparagus, Violetto di Albenga (Albenga)	1996 (Planting) 28/05/02 (Harvest)	Backpack boom	0.0417 kg ai/100 L	Water 1009 L/ha	0.421 kg a.i./ha	20/05/02	10 – 20 cm	Spears	0 3 7	0.92 <0.01 <0.002	0.04 <0.01 <0.002	

GLOBE ARTICHOKE

CHA Doc. No. 472 DMT; Wilson, A.; Dimethoate : Residue study (decline curve) with an EC formulation containing 400 g/L (Dimethoate) applied to globe artichokes in Italy in 2000; 2001.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Globe artichokes / Stalk and stem vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Italy	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 472 DMT, Italy	Globe Artichokes, Carciofo di Liguria (San Remo)	July 1999 (planting) 2/03/01 (Harvest)	Backpack boom	0.04 kg ai/100 L	Water 1007, 999, 1021 L/ha	0.419, 0.415, 0.424 kg a.i./ha	19/01/01 29/01/01 8/02/01	BBCH 45	Artichoke heads	0 7 15 22 28	2.08 0.86 0.43 0.15 0.04	0.15 0.13 0.07 0.04 0.02	Controls <0.01 mg/kg, dimethoate recoveries 73 – 108%, omethoate recoveries 70 – 91%, samples stored for up to 12 weeks before analysis.
	Globe Artichokes, Violetto di Borgogna (Ortona)	June 1999 (planting) 01/12/00 (Harvest)	Backpack boom	0.04 kg ai/100 L	Water 1007, 1001, 1001 L/ha	0.419, 0.416, 0.416 kg a.i./ha	11/10/00 27/10/00 10/11/00	BBCH 45	Artichoke heads	0 7 14 21 29	0.23 0.16 0.02 <0.002 <0.002	<0.002 0.03 <0.01 <0.002 <0.002	

CHA Doc. No. 543 DMT; Wilson, A.; Dimethoate : Residue study (at harvest) with an EC formulation containing 400 g/L dimethoate applied to globe artichokes in Spain in 2001; 2002.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Globe artichoke / stalk and stem vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Spain	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 543 DMT, Spain	Globe artichoke, Tudela (Burjassot)	Sept 1999 (planting) 18/12/01 (Harvest)	Backpack boom	0.04 kg ai/100 L	Water 1024, 1013, 1008 L/ha	0.426, 0.421, 0.419 kg a.i./ha	29/10/01 8/11/01 21/11/01	BBCH 45	Artichoke heads	0 19 28	1.52 0.07 0.02	0.02 0.03 <0.01	Controls <0.002 mg/kg, dimethoate recoveries 92 – 110%, omethoate recoveries 72 – 89%, samples stored for up to 14 weeks before analysis.
	Globe artichoke, Tudela (Benimamet)	Sept 1999 (planting) 18/12/01 (Harvest)	Backpack boom	0.04 kg ai/100 L	Water 1021, 1005, 1008 L/ha	0.425, 0.418, 0.419 kg a.i./ha	29/10/01 8/11/01 20/11/01	BBCH 45	Artichoke heads	0 20 29	1.08 0.04 0.02	0.02 0.02 <0.01	

CELERY

CHA Doc. No. 439 DMT; Wilson, A.; Dimethoate : Residue study (decline curve) with an EC formulation containing 400 g/L dimethoate applied to celery in Italy in 2000; 2001.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Celery / Stalk and stem vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Italy	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 439 DMT, Italy	Celery, Dorato D'asti (Dronero)	26/03/00 (Planting)	Backpack boom	0.05 kg ai/100 L	Water 1001, 1013 L/ha	0.50, 0.51 kg a.i./ha	2/05/00 16/05/00	6-8 stems (20 – 30 cm)	Plant	0 7 14 21 28	37.54 3.29 0.43 0.07 <0.01	0.47 0.62 0.15 0.04 <0.01	Controls <0.002 mg/kg, dimethoate recoveries
	Celery, Pascal (Caléppio)	8/07/00 (Planting)	Backpack boom	0.05 kg ai/100 L	Water 1004, 989 L/ha	0.50, 0.49 kg a.i./ha	14/07/00 28/07/00	2-3 stems (up to 20 cm)	Plant	0 7 14 21 28	26.97 0.98 0.05 <0.002 <0.002	0.29 0.16 0.03 <0.01 <0.01	72 – 104%, omethoate recoveries 71 – 89%, Samples stored for up to 26 weeks before analysis.

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CHA Doc. No. 542 DMT; Wilson, A.; Dimethoate : Residue study (at harvest) with an EC formulation containing 400 g/L dimethoate applied to celery in Spain 2001; 2002.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Celery / stalk and stem vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Spain	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 542 DMT, Spain	Celery, Celebrity (Murcia)	17/09/01 (Planting) 17/12/01 (Harvest)	Backpack boom	0.05 kg ai/100 L	Water 1005, 1031 L/ha	0.50, 0.51 kg a.i./ha	9/11/01 26/11/01	BBCH 49	Plant	0 14 21	7.58 0.55 0.09	0.06 0.07 0.02	Controls <0.01 mg/kg, dimethoate recoveries 99 to 109%, omethoate recoveries 97 to 103%, samples stored for up to 14 weeks before analysis.
	Celery, Golden boy, Cartagena	3/09/01 (Planting) 17/12/01 (Harvest)	Backpack boom	0.05 kg ai/100 L	Water 1006, 1016 L/ha	0.50, 0.51 kg a.i./ha	12/11/01 27/11/01	BBCH 49	Plant	0 14 20	3.52 0.77 0.28	0.05 0.08 0.04	

2.3 Cucurbits

Melons

CHA Doc. No. 456 DMT; Wilson, A; Dimethoate : Residue decline curve study with an EC formulation containing 400 g/L dimethoate applied to melons in Italy, Spain and Greece in 2000; 2001.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Melons / cucurbits	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Italy, Spain, Greece	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 456 DMT, Italy, Spain, Greece	Melons, Jaguar (Mantova, Italy)	5/06/00 (planting) 17/08/00 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 999, 1009 L/ha	0.62, 0.63 kg a.i./ha	13/07/00 27/07/00	BBCH 79	Whole	0 7	0.22 0.10	0.01 0.02	Controls <0.002 mg/kg, dimethoate recoveries 82 – 110%, omethoate recoveries 81 – 98%, samples stored for up to 16
	Melons, Supermarket (Cantu, Italy)	23/06/00 (planting) 29/09/00	Backpack boom	0.06 kg ai/100	Water 1022, 999	0.64, 0.62 kg	28/08/00 8/09/00	BBCH 81	Whole	0 7	0.41 0.34	<0.01 0.02	

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		(harvest)		L	L/ha	a.i./ha			Peel	14 21 28	0.15 0.03 0.03	0.02 <0.01 <0.01	weeks before analysis.
									Pulp	14 21 28	0.05 <0.01 <0.01	<0.01 <0.01 <0.01	
	Melons, Amarillo (La Aljorra, Spain)	3/05/00 (planting) 12/06/00 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 987, 1000 L/ha	0.62, 0.62 kg a.i./ha	13/05/00 23/05/00	BBCH 75	Whole	0 7	0.04 <0.01	<0.01 <0.01	
									Peel	13 20 27	<0.002 <0.002 <0.002	0.01 <0.002 <0.002	
									Pulp	13 20 27	<0.01 <0.002 <0.002	<0.01 <0.002 <0.002	
	Melons, Thrakiotiko (Loutoufi, Greece)	28/05/00 (planting) 8/09/00 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 1007, 1010 L/ha	0.63, 0.63 kg a.i./ha	3/08/00 18/08/00	BBCH 82	Whole	0 7	0.11 <0.01	<0.002 <0.002	
									Peel	14 21 28	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	
									Pulp	14 21 28	<0.01 <0.002 <0.01	<0.01 <0.002 <0.002	

CHA Doc. No. 530 DMT; Dimethoate : Residue study (at harvest) with an EC formulation containing 400 g/L dimethoate applied to melons in Italy, Spain in 2001; 2002.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Melons / cucurbits	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Italy, Spain	Other active substance in the formulation (common name and content):	N/A

Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 530 DMT, Italy, Spain	Melons, Yakura (Rodigo, Italy)	10/06/01 (Planting) 22/08/01 (Harvest)	Backpack boom	0.06 kg ai/100 L	Water 1012, 987 L/ha	0.631, 0.615 kg a.i./ha	18/07/01 30/07/01	BBCH 71	Whole	0	0.26	<0.01	Controls <0.002 mg/kg, dimethoate recoveries 77 – 110%, omethoate recoveries 71 – 105%, samples stored for up to 35 weeks before analysis.
									Peel	23	<0.01	<0.01	
									Pulp	23	<0.01	<0.002	
									Peel	30	<0.01	<0.01	
									Pulp	30	<0.01	<0.01	
	Melons, Dolmen (Rodigo, Italy)	20/07/01 (planting) 26/09/01 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 1005, 1005 L/ha	0.627, 0.627 kg a.i./ha	22/08/01 5/09/01	BBCH 72	Whole	0	0.09	<0.01	
									Peel	21	0.04	0.02	
									Pulp	21	0.02	<0.01	
									Peel	28	0.01	0.01	
									Pulp	28	0.01	<0.01	
	Melons, Galia (La Aljorra, Spain)	01/05/01 (planting) 11/07/01 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 1062, 970 L/ha	0.662, 0.605 kg a.i./ha	6/06/01 21/06/01	BBCH 81	Whole	0	0.17	0.01	
									Peel	20	<0.01	<0.01	
									Pulp	20	<0.002	<0.01	
									Peel	27	<0.002	<0.002	
									Pulp	27	<0.002	<0.002	
	Melons, Galia (Albujon, Spain)	17/05/01 (planting) 11/07/01 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 985, 1027 L/ha	0.614, 0.640 kg a.i./ha	7/06/01 21/06/01	BBCH 81	Whole	0	0.15	<0.01	
									Peel	20	<0.01	<0.01	
									Pulp	20	<0.002	<0.01	
									Peel	27	<0.002	<0.002	
									Pulp	27	<0.002	<0.002	

2.4 Assorted tropical and sub-tropical fruits - edible peel

OLIVES

CHA Doc. No. 524 DMT; Wilson, A.; Dimethoate : Residue decline curve study with an EC formulation containing 400 g/L dimethoate applied to olives in Spain, Italy and Greece, 1999, 2002.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Olives / assorted tropical and sub-tropical fruits – edible peel	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Spain, Italy, Greece	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 524 DMT, Spain, Italy, Greece	Olives, Manzanillo (Arahal, Spain)	7/09/99 (harvest)	Lance	0.06 kg ai/100 L	Water 711, 698, 703, 706 L/ha	0.42, 0.42, 0.42, 0.44 kg a.i./ha	21/05/99 17/06/99 21/07/99 10/08/99	BBCH 75	Olive flesh	0 7 14 21 28	4.32 0.06 0.01 <0.01 <0.01	0.43 0.76 0.41 0.14 0.06	Controls ≤0.01 mg/kg except Greek trial which had up to 0.05 mg/kg dimethoate and 0.05 mg/kg
	Olives, Manzanillo (Bormujos, Spain)	7/09/99 (harvest)	Lance	0.06 kg ai/100 L	Water 721, 717, 703, 702 kg	0.43, 0.43, 0.42, 0.43 kg	18/05/99 17/06/99 21/07/99 10/08/99	BBCH 75	Olive flesh	0 7 14 21 28	4.15 0.04 0.01 <0.01 0.01	0.86 0.88 0.40 0.11 0.06	

					L/ha	a.i./ha								omethoate, dimethoate recoveries 73 – 108%, omethoate recoveries 92 – 110%, samples stored for up to 26 weeks before analysis.
	Olives, Taggiasca (San Bartolomeo al Mare, Italy)	8/11/01 (harvest)	Lance	0.06 kg ai/100 L	Water 1212, 1213, 1205, 1212 L/ha	0.76, 0.76, 0.75, 0.76 kg a.i./ha	28/05/01, 24/07/01, 29/08/01, 27/09/01	BBCH 81	Olive flesh	0, 7, 14, 21, 28, 35, 42	5.30, 0.97, 0.21, 0.11, 0.03, 0.03, 0.03	0.28, 0.65, 0.40, 0.30, 0.07, 0.03, 0.06		
	Olives, Nanaki (Magoula, Greece)	9/12/99 (harvest)	Lance	0.06 kg ai/100 L	Water 1200, 1203, 1174, 1199 L/ha	0.71, 0.71, 0.73, 0.74 kg a.i./ha	11/05/99, 07/07/99, 10/08/99, 11/11/99	BBCH 89	Olive flesh	0, 7, 14, 21, 28	4.43, 1.90, 1.38, 1.13, 0.34	0.05, 0.32, 0.47, 0.67, 0.40		

CHA Doc. No. 459 DMT; Wilson, A.; Dimethoate : Residue study (Decline curve and at harvest) with an EC formulation containing 400 g/L dimethoate applied to olives in Spain, Italy and Greece in 2000; 2001.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Olives / assorted tropical and sub-tropical fruits – edible peel	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Spain, Italy, Greece	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc.	Olives, Taggiasca, (Dolceacqua, Italy)	20/10/00 (harvest)	Research lance	0.06 kg	Water 1202,	0.75, 0.75,	30/05/00, 31/07/00	BBCH 79	Pulp	0, 22	3.45, 0.17	0.16, 0.34	Controls <0.01

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No. 459 DMT, Spain, Italy, Greece				ai/10 0 L	1205, 1194, 1205 L/ha	0.75, 0.75 kg a.i./ha	29/08/00 28/09/00			28 36 43	<0.01 <0.01 <0.002	0.20 0.15 0.06	mg/kg, dimethoate recoveries 70 – 92%, omethoate recoveries 70 – 108%, samples stored for up to 28 weeks before analysis.
	Olives, Coratina, (Stornara, Italy)	20/10/00 (harvest)	Research lance	0.06 kg ai/10 0 L	Water 722, 704, 707, 698 L/ha	0.45, 0.44, 0.44, 0.44 kg a.i./ha	04/05/00 24/07/00 30/08/00 29/09/00	BBCH 81	Pulp	0 21 28 35 42	8.79 0.15 0.04 0.04 <0.01	0.12 0.41 0.22 0.15 0.06	
	Olives, Villalonga (Lliria, Spain)	16/10/00 (harvest)	Research lance	0.06 kg ai/10 0 L	Water 699, 702, 702, 700 L/ha	0.44, 0.44, 0.44, 0.44 kg a.i./ha	12/05/00 6/07/00 9/08/00 25/09/00	BBCH 79	Pulp	0 21 28 35 42	11.31 0.78 0.15 0.02 0.01	0.25 0.50 0.26 0.25 0.25	
	Olives, Lapolia (Koutsopodio, Greece)	1/12/00 (harvest)	Research lance	0.06 kg ai/10 0 L	Water 704, 703, 699, 698 L/ha	0.44, 0.44, 0.44, 0.44 kg a.i./ha	19/05/00 24/07/00 17/08/00 10/11/00	BBCH 79	Pulp	0 7 14 21 28 34 41	5.00 2.31 1.27 1.02 0.21 0.08 0.20	0.03 0.34 0.29 0.52 0.31 0.21 0.33	

2.5 Pome fruit

CHA Doc. No. 134 DMT; Pistel, F.; DTF Doc. No. 581-003. Dimethoate Residue Trials within the EC Member States; 1993.

Note : this report contained summary data only – no details were provided on methods, recoveries or storage stability.

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (application on agricultural and horticultural crops)		Active ingredient	: Dimethoate
Responsible body for reporting (name address): Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Crop/crop group	: Apples
SCC Project 104-013-03		Submission date	: April 20, 1993
Country:	: Germany	Table	: 26
Content of a.i.	: 222 g/l (Salut), 400 g/l (Roxion, Perfekthion, 404 g/l Rogor	Page	: 1/5
Formulation (e.g. WP)	: EC	Indoor/outdoor	: outdoor
Commercial product (name)	: Salut = BAS 270 001, Roxion, Perfekthion, Rogor	Other a.i. in formulation (Common name and content)	: Chlorpyrifos 278 g/l (Salut)
Producer of commercial product	: BASF, Celamerck, C.F. Spiess & Sohn	Residues calculated as	: Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-2001	27000I82/8A 7981 Kappel	FP-0226/ James Grieve	1) 1960 2) May 13-28 3) Aug - Sep	0.42 0.50 0.42 0.42 0.50	1500	0.03	28/05/82 15/06/82 05/07/82 19/07/82 05/08/82	3 weeks before harvest	Fruits	0.61 0.38 0.21 0.16 0.08	00 07 14 21 28	0.10 0.10 0.06 0.05 < 0.05
532-2002	27000I82/7A 7981 Firmetsweiler	FP 0226/ Gold parman e	1) 1958 2) May 10-26 3) Sep 2-16	0.42 0.50 0.42 0.42 0.50	1500	0.03	28/05/82 15/06/82 05/07/82 28/07/82 12/09/82	3 weeks before harvest	Fruits	0.70 0.07 0.05 <0.05 <0.05	00 07 14 21 28	< 0.05 < 0.05 < 0.05 < 0.05 < 0.05
532-2003	27000I82/6A 7981 Firmetsweiler	Fp 0226/ Graven steiner	1) 1958 2) May 10-26 3) Aug - Sep	0.42 0.50 0.42 0.42 0.50	1500	0.03	28/05/82 15/06/82 05/07/82 19/07/82 05/08/82	3 weeks before harvest	Fruits	0.46 0.14 0.06 <0.05 <0.05	00 07 14 21 28	0.05 < 0.05 < 0.05 < 0.05 < 0.05

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DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-2004	27000181/14A 6701 Rödgersheim	FP 0226/ Cox Orange	1) 1964 2) April 10-16 3) Sep 3	0.42 – 0.50	1500	0.03	22/05/81 05/06/81 22/06/81 16/07/81 13/08/81	3 weeks before harvest { 9 apples 4-6 cm}	r.a.c. r.a.c. r.a.c. r.a.c. r.a.c. puree	0.35 0.31 0.23 0.15 0.07 0.13	00 07 14 21 28 21	< 0.05 < 0.05 < 0.05 < 0.05 < 0.05 < 0.05

SCC Project 104-013-03		Crop/crop group	: Apples
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993
Country:	: Germany	Table	: 26
Active ingredient	: Dimethoate	Page	: 2/5

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-2005	27000I81/13A 6701 Nieder-kirchen	FP-0226/ Jonathan	1) 1964 2) April 13-19 3) Sep 28	0.42-0.50	1500	0.03	22/05/81 05/06/81 22/06/81 16/07/81 31/08/81	3 weeks before harvest	r.a.c	<0.05 0.10 0.09 <0.05 <0.05	00 07 14 21 28	< 0.05 < 0.05 < 0.05 < 0.05 < 0.05
532-2006	27000I81/12A 6701 Freidelsheim	FP 0226/ Idared	1) 1964 2) March 13-April 8 3) Sep 21	0.42-0.50	1500	0.03	22/05/81 05/06/81 22/06/81 16/07/81 31/08/81	3 weeks before harvest	r.a.c	0.13 0.05 0.06 0.08 <0.05	00 07 14 21 28	< 0.05 < 0.05 < 0.05 < 0.05 < 0.05
532-2007	27000I81/11A 6701 Nieder-kirchen	FP 0226/ Golden Delicious	1) 1968 2) April 13 -19 3) Sep 28	0.42.-0.50	1500	0.03	22/05/81 05/06/81 22/06/81 27/07/81 07/09/81	23 weeks before harvest	r.a.c. r.a.c. r.a.c. r.a.c. puree	0.43 0.18 0.18 0.26 0.18 0.08	00 07 14 21 28 21	< 0.05 0.05 0.06 0.06 < 0.05 < 0.05
532-2008	27000I81/10A 7980 Rußmaier	FP 0226/ Jonathan	1) 1968 2) April 25-May 05 3) Oct 05	0.42 – 0.50	1500	0.03	23/05/81 15/06/81 06/07/81 18/08/81 07/09/81	End of ripening phase	r.a.c.	0.47 0.19 0.15 <0.05 0.05	00 07 14 21 28	< 0.05 < 0.05 < 0.05 < 0.05 < 0.05
532-2009	27000I82/16A 2420 Eutin-Neudorf	FP 0226/ Boskop	3) Sep 24	0.42 0.50 0.42 0.42 0.50	1500	0.03	07/06/82 21/06/82 03/07/82 26/07/82 27/08/82	Approx. 4 weeks before harvest	r.a.c	0.32 0.07 <0.05 <0.05 <0.05	00 07 14 21 28	< 0.05 < 0.05 < 0.05 < 0.05 < 0.05

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SCC Project 104-013-03		Crop/crop group	: Apples
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993
Country:	: Germany	Table	: 26
Active ingredient	: Dimethoate	Page	: 3/5

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-2010	152169/4A 6701 Rödersheim	FP 0226/ Oldenburg	3) Sep 9			0.04	20/08/69 22/08/69 26/08/69 01/09/69 09/09/69	14 days before harvest	r.a.c	0.90 0.20 0.10 0.05 0.10	00 02 06 12 20	.
532-2011	1521182/11A 6701 Rödersheim	FP 0226 Cox Orange	1) 1964 2) April 15-May 5 3) Sep 14	0.6	1500	0.04	28/05/82 24/06/82 08/07/82 23/07/82 10/08/82	Approx 3 weeks before harvest	r.a.c	1.00 0.36 0.32 0.34 0.22	00 14 21 28 35	0.07 0.05 0.06 0.07 0.06
532-2012	27000180/4A 6701 Niederkirchen	FP 0226/ Melrose	1) 1971 2) May 8-19 3) >Sep 23	0.67	2000	0.03	19/05/80 04/06/80 25/06/80 14/07/80 05/08/80 21/08/80 16/09/80	Just before harvest	r.a.c.	0.28 0.16 0.21 0.12 0.12 0.20 0.10 0.06	00 03 06 07 10 14 21 28	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05
532-2013	1521102/3A 6701 Rödersheim	FP 0226/ Golden Delicious	1) 1971 2) May 18-19 3) Sep 30	0.67	2000	0.03	19/05/80 04/06/80 25/06/80 14/07/80 05/08/80 21/08/80 16/09/80	Just before harvest	r.a.c.	0.43 0.10 0.32 0.28 0.84 0.39 0.06 <0.05	00 03 06 07 10 14 21 28	< 0.05 0.07 0.05 < 0.05 0.16 0.08 0.07 <0.05

SCC Project 104-013-03			Crop/crop group		: Apples
Responsible body for reporting (name address)			: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date
Country:			: Germany		: April 20, 1993
Active ingredient			: Dimethoate		Table
					: 26
					Page
					: 4/5

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-2014	27000180/2A 7895 Klettau	FP 0226/ Golden Delicious	1) 1955 2) May 5 - June 2 3) Nov 8	0.67	2000	0.03	02/05/80 06/06/80 12/07/80 11/08/80 30/08/80 20/09/80 11/10/80		r.a.c.	<0.05 0.11 <0.05 <0.05 <0.05 <0.05 <0.05	03 05 07 10 14 21 28	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05
532-2015	27000180/5A 6701 Rödersheim	FP 0226 Golden Delicious	1) 1971 2) May 8-19 3) Sep 30	1.33	2000	0.07	19/05/80 04/06/80 25/06/80 14/07/80 05/08/80 21/08/80 16/09/80	Just before harvest	r.a.c.	0.86 0.88 0.63 0.60 0.69 0.69 0.14	00 03 06 07 10 21 28	0.08 0.11
532-2017	C830972 6507 Ingelheim	FP 0226/ Golden Delicious	1) 1974 2) May 1-15 3) Oct 10	0.48 0.60 0.60 0.60 0.60	1200 1500 1500 1500 1500	0.04 0.04 0.04 0.04 0.04	27/06/83 18/07/83 01/08/83 22/08/83 05/09/83	☉ fruits 4-7 cm	fruits	1.83 0.77 0.63 0.52 0.48	00 14 21 28 35	0.14 0.14 0.13 0.11 0.10

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SCC Project 104-013-03		Crop/crop group		: Apples
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993	
Country:	: Germany	Table	: 26	
Active ingredient	: Dimethoate	Page	: 5/5	

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-2018	A 16/69 6501 Schwabenheim	FP 0226/ James Grieves	3) Aug 22			0.04			r.a.c.	0.64 0.61 0.52 0.28 0.37 0.36	00 04 07 10 14 21	0.08 0.15 0.10 0.09 0.12 0.11
532-2019	C 824072 6507 Ingelheim	FP 0226/ Cox Orange	1) ca 1960 2) May 5-17 3) Sep 21	0.52 0.52 0.55 0.55 0.55	1300 1300 1370 1370 1370	0.04 0.04 0.04 0.04 0.04	09/06/82 30/06/82 14/07/82 04/08/82 17/08/82	Begin of ripening phase	Fruit	0.74 0.37 0.23 0.20 0.20	00 14 21 28 35	0.23 0.21 0.14 0.11 0.09
532-2020	Spi 003228 6719 Kleinkarlbach	FP 0226/ Golden Delicious	1) 1973 2) May 5-24 3) Sep 30	0.60	1500	0.04	21/06/82 12/07/82 02/08/82 23/08/82 09/09/82	Fruits have final size	Fruits	1.26 0.78 0.22 0.02	00 14 21 28	0.10 0.12 0.05 0.01
532-2021	UBA A 02283 2155 Hove	FP 0226/ Cox Orange	1) 1973 2) May 15-25 3) Sep 20				21/06/83 12/07/83 26/07/83 16/08/83 30/08/83	☉ fruits 5-6 cm	r.a.c.	0.36 0.27 0.09 0.07 0.05	00 14 21 28 35	0.05 0.07 <0.02 <0.02 <0.02

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)			Active ingredient	: Dimethoate
SCC Project 104-013-03			Crop/crop group	: Apples
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	: April 20, 1993
Country:	: France		Table	: 27
Content of a.i.	: 222 g/l		Page	: 1/2
Formulation (e.g. WP)	: EC		Indoor/outdoor	: outdoor
Commercial product (name)	: SALUT = BAS 27000 I		Other a.i. in formulation	: Chlorpyrifos 278 g/l
Producer of commercial product	: BASF		Residues calculated as	: Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-2022	27000I82/18E Econflant	FP 0226/ Golden	3) Sep 28	0.33	400	0.08	06/08/82	☼ fruits 5 cm	r.a.c.	0.12	53	<0.05
532-2023	27000I82/17E Aiguillon	FP 0226/ Granny Smith	3) Sep 23	0.27	800	0.03	03/06/82 17/06/82 19/07/82 12/08/82	☼ fruits 7 cm	r.a.c.	<0.05	42	<0.05
532-2024	2700I82/16E Baltardine/ Fronton	FP 0226/ Golden Delicious	3) Sep 8	0.22	500	0.04	12/05/82	☼ fruits 1 cm	r.a.c.	<0.05	119	<0.05
532-2025	2700I82/15E St Chaptes	FP 0226/	3) Aug 18	0.25	140	0.18	12/05/82	Fruit development	r.a.c.	<0.05	98	<0.05
532-2026	27000I82/14E St. Chaptes	FP 0226/ Golden	3) Aug 18	0.50	500	0.1	10/06/82 15/07/82 22/07/82 05/08/82	☼ fruits 6cm	r.a.c.	0.17	13	<0.05
532-2027	27000I82/13E Sernhac	FP 0226/ Golden Delicious	3) Sep 10	0.33	1000	0.03	01/07/82	☼ fruits 2-3 cm	r.a.c.	<0.05	71	<0.05

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SCC Project 104-013-03		Crop/crop group	: Apples
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993
Country:	: France	Table	: 27
Active ingredient	: Dimethoate	Page	: 2/2

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-2028	27000I815E Nimes	FP 0226/ Golden Delicious	3) Aug 17	0.50	1500	0.03	25/06/81 22/07/81	☞ fruits 4 cm	r.a.c.	0.27	26	0.07
532-2029	27000I81/4E Fronton	FP 0226/ Golden delicious	3) Sep 14	0.33	660	0.05	04/06/81 18/06/81 06/07/81 22/07/81 07/08/81 20/08/81	☞ fruits 4 cm	r.a.c.	0.07	25	0.05
532-2030	27000I81/3E Nérac	FP 0226/ Golden Delicious	3) Oct 01	0.33	1000	0.03	04/06/81 19/06/81 23/07/81 03/08/81 24/08/81	☞ fruits 4 cm	r.a.c.	0.16	38	0.05
532-2031	27000I80/3E	FP 0226/ Golden	3) Aug 11	0.33	1000	0.03	28/05/80 17/06/80 01/08/80	☞ fruits 5 cm	r.a.c.	<0.05	10	<0.05

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	: Dimethoate
SCC Project 104-013-03		Crop/crop group	: Pears
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993
Country:	: Germany	Table	: 28
Content of a.i.	: 222 g/l (Salut), 400 g/l (Perfekth, Roxion), 404 g/l (Rogor)	Page	: 1/2
Formulation (e.g. WP)	: EC	Indoor/outdoor	: outdoor
Commercial product (name)	: SALUT = BAS 27000 I, Perfekthion, Roxion, Rogor	Other a.i. in formulation	: Chlorpyrifos 278 g/l (Salut)
Producer of commercial product	: BASF, Celamerck, C.F. Spiess & Sohn	Residues calculated as	: Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-2101	27000I82/10A 6701 Meckenheim	FP 0230/ William s Christ	3) Sep 1	0.42 0.50	1500 1500	0.03 0.03	27/05/82 24/06/82 03/07/82 20/07/82 04/08/82	8 fruits 6.5 cm	r.a.c	0.85 0.35 <0.05 <0.05 <0.05	00 07 14 21 28	0.17 0.19 0.15 0.13 0.08
532-2102	15211I82/12A 6701 Meckenheim	FP 0230/ William s Christ	1) 1960 2) April 22- May 1 3) >Aug 31	0.60	1500	0.04	28/05/82 24/06/82 08/07/82 23/07/82 10/08/82	Approx. 3 weeks before harvest	Fruits	0.46 0.08 <0.05 <0.05 <0.05	00 14 21 28 35	0.11 0.10 0.08 0.07 <0.05
532-2103	Spi 003248 7770 Deisendorf	FP 0230/ William s Christ	1) 1962 2) May 3-17 3) Sep 10	0.60	1500	0.04	14/06/82 05/07/82 19/07/82 06/08/82 20/08/82	Green fruits	Fruits	0.46 0.07 0.01 <0.01 <0.01	00 14 21 28 35	0.07 0.08 0.04 <0.01 <0.01
532-2104	C 826672 6535 Gau-Algesheim	FP 0230/ Alexan der Lukes	1) 1977 2) April 22- May 5 3) Sep 10	0.28	700	0.04	09/06/82 30/06/82 14/07/82 04/08/82 17/08/82	Green fruits	Fruits	0.42 0.06 <0.02 <0.02 <0.02	00 14 21 28 35	0.23 0.21 0.14 0.11 0.09

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SCC Project 104-013-03		Crop/crop group	: Pears
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993
Country:	: Germany	Table	: 28
Active ingredient	: Dimethoate	Page	: 2/2

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-2105	Spi 003227 6719 Kleinkarlbach	FP 0230 William s Christ	1) 1965 2) May 8-22 3) Aug 30	0.60	1500	0.04	02/06/82	Fruits are fully grown	Fruits	0.64	00	0.05
							14/06/82			0.17	14	0.12
							05/07/82			0.03	21	0.05
							19/07/82			<0.01	28	0.01
							09/08/82					

2.6 Stone fruit

CHERRIES

CHA Doc. No. 426 DMT; Wilson, A.; Dimethoate : Residue decline curve study with an EC formulation containing 400 g/L (dimethoate) applied to cherries in Spain and Italy, 1999; 2000.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Cherries / Stone fruit	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd.	Indoor/Glasshouse/Other:	Field
Country:	Spain and Italy	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 426 DMT, Spain and Italy	Cherries, California (Navaloncejo, Spain)	11/06/99 (harvest)	Backpack lance	0.05 kg ai/100 L	Water 1505 L/ha	0.74 kg a.i./ha	21/05/99	BBCH 81	Flesh	0 7 10 13 21	1.91 0.34 0.30 0.12 0.04	0.01 0.10 0.15 0.12 0.12	Controls <0.0005 mg/kg for dimethoate, <0.0009 mg/kg for omethoate, dimethoate recoveries 74.1 – 81.2%, omethoate recoveries 76.7 – 84.3%, samples stored for up to 24 weeks before analysis.
	Cherries, Moretta Di Cesena (Collebeato, Italy)	11/06/99 (harvest)	Backpack lance	0.05 kg ai/100 L	Water 1500 L/ha	0.74 kg a.i./ha	21/05/99	BBCH 81	Flesh	0 7 10 14 21	1.11 0.33 0.60 0.18 0.12	<0.01 0.03 0.07 0.05 0.07	

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CHA Doc. No. 531 DMT; Wilson, A.; Dimethoate ; Residue study (at harvest) with an EC formulation containing 400 g/L (dimethoate) applied to cherries in Spain and Italy in 2000/2001; 2002.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Cherries / Stone fruit	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Spain and Italy	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 531 DMT, Spain, Italy	Cherries, Burlat (Alcalà de la Jovada, Spain)	25/05/00 (harvest)	Backpack lance	0.05 kg ai/100 L	1507 Water (L/ha)	0.782 kg a.i./ha	11/05/00	BBCH 81	Flesh	0 14 21	1.91 0.33 0.08	<0.01 0.12 0.18	Controls <0.002 mg/kg, dimethoate recoveries 85 – 107%, omethoate recoveries 70 – 103%, samples stored for up to 42 weeks before analysis.
	Cherries, Solimary (Pescantina)	30/05/01 (harvest)	Backpack lance	0.05 kg ai/100 L	1504 Water (L/ha)	0.782 kg a.i./ha	16/05/01	BBCH 81	Flesh	14 21	0.21 0.03	0.17 0.06	

CHA Doc. No. 134 DMT; Pistel, F.; DTF Doc. No. 581-003. Dimethoate Residue Trials within the EC Member States; 1993.

Note : this report contained summary data only – no details were provided on methods, recoveries or storage stability.

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	: Dimethoate
SCC Project 104-013-03		Crop/crop group	: Cherries
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993
Country:	: Germany	Table	: 29
Content of a.i.	: 400 g/l (Perfekthion, Roxion), 404 g/l Rogor	Page	: 1/4
Formulation (e.g. WP)	: EC	Indoor/outdoor	: outdoor
Commercial product (name)	: Perfekthion, Roxion, Rogor	Other a.i. in formulation	: none
Producer of commercial product	: BASF, Celamerck, C.F. Spiess & Son	Residues calculated as	: Dimethoate or Omethaote

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3101	15211183/1A 6701 Meckenheim	FS 0243/	3) Aug 1	0.72	1800	0.04	19/05/83 10/06/83 27/06/83	fruit colouring	r.a.c.	1.99 0.14 <0.05 <0.05 <0.05	00 14 21 28 35	0.54 0.47 0.28 0.14 0.20
532-3102	6701 Meckenheim	FS 0244/ Schneiders Späte	3) July 8	2g /tree	5-6 L/tree	0.04	07/06/68 25/06/68	Begin of ripening phase to ripe of consumption	r.a.c.	16.4 11.1 6.0 7.7 5.2 2.1	01 03 05 07 11 17	Trial 1
										3.0 3.1 3.1 2.0 0.8	01 03 07 10 13	Trial 2
532-3103	C83100101 2161 Hollern	FS 0243/ Schattenmorelle	1) 1972 2) May 10 -25 3) Aug 1	0.80	2000	0.04	13/06/83 28/06/83 12/07/83	3 weeks before harvest	r.a.c.	3.93 1.61 0.72 0.08 0.04	00 07 14 21 28	0.36 0.45 0.48 0.28 0.22

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SCC Project 104-013-03			Crop/crop group		:Cherries
Responsible body for reporting (name address)		: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date		: April 20, 1993
Country:		: Germany	Table		: 29
Active ingredient		: Dimethoate	Page		:2/4

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3104	6701 Meckenheim	FS 0244/ Hedelfinger Riesen	3) June 24	2g /tree	5-6L /tree	0.04	June 7 1968	8fruits 1cm	r.a.c.	5.4 5.1 - 4.3 2.8 0.7	01 03 05 07 11 17	
532-3105	A 14/68 6501 Schwabenheim	FS 0244/ Teikners Schwarze, Haumüller	3) July 8	0.8-1g /tree	2-2.5 L/tree	0.04	June 28 1968		r.a.c.	0.42	10	Trial 1
										>0.09	10	Trial 2
532-3106	A9/69 6507 Ingelheim	FS 0244/ Schwarze Frühe	3) July 2	2 g/tree	5 L/tree	0.04	18/06/69 20/06/69 27/06/69		r.a.c.	0.77 0.54 0.35 0.22 0.07	00 04 07 10 14	0.02 0.08 0.10 0.10 0.10
532-3107	7759 Immenstaad	FS 0244/ Schneider's Knorpel - kirsche		0.8	2000	0.04	14/07/69		r.a.c.	4.87 1.00 1.00 0.58 0.66 0.19	00 04 07 10 14 21	0.14 0.27 0.13 0.19 0.61 0.27

SCC Project 104-013-03		Crop/crop group	:Cherries
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993
Country:	: Germany	Table	: 29
Active ingredient	: Dimethoate	Page	:3/4

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3108	10/72 6501 Schwabenheim	FS 0244/Hedelfinger	3) July 10			0.04	18/05/72 19/06/72	2 weeks before harvest	r.a.c.	1.60 1.32 0.55 0.30 0.14 0.02	00 02 04 10 14 21	0.24 0.31 0.31 0.46 0.39 0.20
532-3109	10/72 6501 Wackenheim	FS 0244/Hedelfinger	3) July 10	ca. 0.8 g/tree	ca 2 L/tree	0.04	18/05/72 19/06/72	3 weeks before harvest	r.a.c.	1.60 1.30 0.60 0.30 0.14 0.02	00 02 04 10 14 21	0.20 0.30 0.30 0.50 0.40 0.20
532-3110	7759 Immenstaad/Bodensee	FS 0244/Schneiders Späte	3) Aug 3	0.80	2500	0.04	29/06/72 13/07/72	10 days before fruits are ripe	r.a.c.	4.91 3.38 3.84 1.64 1.48	00 04 10 14 21	<0.01 <0.01 <0.01 <0.01 <0.01
532-3111	15211I82/6A 6701 Meckenheim	FS 0243/Schattenmorelle	1) 1973 2) April 20-30 3) July 23	0.60	1500	0.04	28/05/82 18/06/82 02/07/82	End of ripening phase	Fruits	1.32 0.34 0.06 <0.05 <0.05	00 14 21 28 35	0.20 0.34 0.27 0.22 0.17
532-3112	Spi 003256 6719 Kirchheim	FS 0243/Schattenmorelle	1) 1977 2) May 5 -20 3) July 26	0.60	1500	0.04	01/06/82 14/06/82 24/06/82 05/07/82	Green fruits	Fruits	2.04 0.37 0.06	00 14 21	0.17 0.08 0.03

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SCC Project 104-013-03			Crop/crop group		:Cherries
Responsible body for reporting (name address)		: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date		: April 20, 1993
Country:		: Germany	Table		: 29
Active ingredient		: Dimethoate	Page		:4/4

DTF Doc. No.	Report-No. Location incl. Postal Code	Commo dity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3113	Spi 003257 7990 Allmanns-weller	FS 0243/ Schatten-morelle	1) 1967 2) May 10-21 3) July 15	0.60	1500	0.04	26/05/82 09/06/82 24/06/82	Green fruits	Fruits	3.88 0.27 0.03 <0.01 <0.01	00 14 21 28 35	0.87 0.12 0.05 0.01 0.02
532-3114	15211I83/1A	FS 0243/ Schatten-morelle	1) 1970 2) April 23-May 3 3) July 18	0.72	1800	0.04	19/05/83 10/06/83 27/06/83	Beginnin g of fruit colouring	Fruits	1.99 0.14 <0.05 <0.05 <0.05	00 14 21 28 35	0.54 0.47 0.28 0.14 0.20
532-3115	C831072 6501 Schwabenheim	FS 0243/ Schatten-morelle	1) 1968 2) April 23-28 3) July 14	0.48	1200	0.04	26/05/83 09/06/83 23/06/83	Beginnin g of fruit colouring	Fruits	1.74 0.21 0.02 <0.02 <0.02	00 07 14 21 28	0.41 0.33 0.21 0.11 0.11
532-3116	URA A 02383 2155 Hoven	FS 0243/ Schatten-morelle	1)1975 2) April 28-May 12 3) Aug 9	-	-	-	13/06/83 27/06/83 19/07/83	Begin of ripening phase	r.a.c.	8.70 4.40 0.65 0.16	00 07 14 21	0.20 0.41 0.41 0.20
532-3117	SPI 003338 6719 Kleinkarlbach	FS 0243/ Schatten-morelle	1) 1960 2) April 24-May 8 3) July 20	0.48	1200	0.04	01/06/83 15/06/83 29/06/83	Unripe cherries	r.a.c.	2.29 1.44 0.42 0.13 0.075	00 07 14 21 28	0.99 0.71 0.54 0.46 0.45

PLUMS

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)			Active ingredient	: Dimethoate
SCC Project 104-013-03			Crop/crop group	:Plums
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	: April 20, 1993
Country:	: Germany		Table	: 30
Content of a.i.	: Salut (222 g/L), Perfekthion, Roxion (400 g/L), Rogor (404 g/L)		Page	:1/7
Formulation (e.g. WP)	: EC		Indoor/outdoor	: outdoor
Commercial product (name)	: SALUT = BAS 27000 I, Perfekthion, Roxion, Rogor		Other a.i. in formulation	: Chlorpyrifos 278 g/L (Salut)
Producer of commercial product	: BASF, Celamerck, C.F. Spiess and Sohn		Residues calculated as	: Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3301	27000I81/8A 6701 Meckenheim	FS 0014/ Orthen auer	1) 1974 2) April 6-12 3) Aug 4	0.50	1500	0.03	22/05/81 03/06/81 30/06/81 08/07/81	Begin of ripening phase	r.a.c. (purée →)	0.10 0.07 0.05 0.05 <0.05 <0.05 <0.05	00 03 07 14 21 28 14	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05
532-3302	27000I81/7A 6905	FS 0014/ Hausz wetsch e	1) 1970 2) April 4-10 3) Aug 26	0.50	1500	0.03	13/05/81 10/06/81 08/07/81 12/08/81	Begin of ripening phase	r.a.c.	0.19 0.27 0.14 0.13 0.14 0.11	00 03 07 14 21 28	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05
532-3303	27000I81/6A 6701 Friedelsheim	FS 0014/ Stanley	1) 1976 2) April 6-12 3) Sep 4	0.50	1500	0.03	12/05/81 03/06/81 30/06/81 07/08/81	Shortly before the begin of ripening phase	r.a.c.	0.14 0.12 0.09 0.07 <0.05 <0.05	00 03 07 14 21 28	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05

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SCC Project 104-013-03			Crop/crop group		:Plums
Responsible body for reporting (name address)		: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date		: April 20, 1993
Country:		: Germany	Table		: 30
Active ingredient		: Dimethoate	Page		:2/7

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3304	27000I81/5A 6701 Rödersheim	FS 0014/ Haus- zwetsc he	1) 1976 2) April 4-10 3) Aug 4	0.50	1500	0.03	12/05/81 03/06/81 30/06/81 07/08/81	Begin of ripening phase	r.a.c.	0.17 <0.05 <0.05 <0.05 <0.05 <0.05	00 03 07 14 21 28	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05
532-3305	27000I81/4A 6701 Ruppertsberg	FS 0014/ Auer- bacher	1) 1974 2) April 6-12 3) Aug 21	0.50	1500	0.03	22/05/81 03/06/81 30/06/81 07/08/81	Begin of ripening phase	r.a.c.	0.06 <0.05 <0.05 <0.05	00 03 07 14	<0.05 <0.05 <0.05 <0.05
532-3306	27000I82/13A 3014 Gleidingen	FS 0014/ Haus- zwetsc he	1) 1949 2) May 5-15 3) Sep 15-31	0.50	1500	0.03	24/06/82 08/08/82 18/08/82 01/09/82	14 days before harvest	Fruits	No data reported	00 03 07 14 21	0.16 0.12 0.11 0.10 0.08
532-3307	27000782/12A 6701 Roedersheim	FS 0014/ Stanley	1)1976 2) April 15-25 3)Aug 24	0.50	1500	0.03	01/06/82 08/07/82 27/07/82 10/08/82	Beginnin g of fruit colouring	Fruits	<0.05 <0.05 <0.05 <0.05 <0.05	00 03 07 14 21	<0.05 <0.05 <0.05 <0.05 <0.05
532-3308	2700I82/5A 7759 Immenstaad/ Bodensee	FS 0014/ Bühler	3) Aug 19	0.50	1500	0.03	28/05/82 30/06/82 17/07/82 29/07/82	14 days before harvest	r.a.c.	1.49 1.13 0.60 0.15 0.09	00 03 07 14 21	0.11 0.14 0.15 0.12 0.13

SCC Project 104-013-03		Crop/crop group		:Plums
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993	
Country:	: Germany	Table	: 30	
Active ingredient	: Dimethoate	Page	:3/7	

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3309	27000I82/4A 7981 Horgenzell Vogelsang	FS 0014/ Italiener	3) Sep 9	0.50	1500	0.03	28/05/82 05/07/82 09/08/82 19/08/82	Approx 14 days before harvest	r.a.c.	0.16 0.06 <0.05 <0.05 <0.05	00 03 07 14 21	<0.05 <0.05 <0.05 <0.05 <0.05
532-3310	27000I82/3A 7759 Immenstaad/ Bodensee	FS 0014/ Erfinger	3) Aug 19	0.50	1500	0.03	28/05/82 30/06/82 17/07/82 29/07/82	Approx 14 days before harvest	r.a.c.	1.78 1.56 1.03 0.75 0.75	00 03 07 14 21	0.08 0.10 0.08 0.08 0.06
532-3311	27000I82/2A 7590 Achernsasbach	FS 0014/ Bühler	3) Aug 13	0.50	1500	0.03	18/06/82 29/06/82 12/07/82 23/07/82	Approx 14 days before harvest	r.a.c.	1.00 0.74 0.28 0.28 0.17	00 03 07 14 21	0.19 0.18 0.12 0.17 0.17
532-3312	27000I82/1A 7520 Heidelberg	FS 0014/ Italiener	3) Aug 27	0.50	1500	0.03	24/05/82 09/07/82 31/07/82 06/08/82	Approx 14 days before harvest	r.a.c.	0.19 0.09 <0.05 <0.05 <0.05	00 03 07 14 21	<0.05 <0.05 <0.05 <0.05 <0.05
532-3313	27000I82/11A 6714 Weisenheim am Sand	FS 0014/ President	1) 1978 2) May 2-13 3) Aug 18	0.40	1200	0.03	13/05/82 21/06/82 22/07/82 04/08/82	14 days before harvest, beginning of fruit colouring	fruits	1.41 1.09 0.52 0.24 <0.05	00 03 07 14 21	0.16 0.22 0.20 0.22 0.10

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SCC Project 104-013-03		Crop/crop group		:Plums
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993	
Country:	: Germany	Table	: 30	
Active ingredient	: Dimethoate	Page	:4/7	

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3314	15211183/2A 6701 Rödgersheim	FS 0014/ Orthenauer (Spätzwetsche)	1) 1973 2) April 25 – May 4 3) Aug 25	0.60	1500	0.04	23/05/83 04/07/83 21/07/83 28/07/83	Beginnig of fruit colouring	r.a.c.	0.37 0.09 0.06 <0.05 <0.05	00 14 21 28 35	0.06 0.05 <0.05 <0.05 <0.05
532-3315	27000381/2A 7759 Immenstaad	FS 0014/ Erginger	1) 1974 2) April 20- May 5 3) Aug 18	0.50	1500	0.03	30/05/81 24/06/81 11/07/81 28/07/81	Begin of ripening phase	r.a.c.	0.72 0.64 0.86 0.46 0.41	00 03 07 14 21	0.05 0.06 0.09 0.07 0.08
532-3316	27000180/8A 6701 Meckenheim	FS 0014/ Auerbach	1) 1968 2) May 1-9 3) Sep 3	0.67	2000	0.03	09/05/80 27/05/80 23/06/80 16/07/80 13/08/80	Before the begin of ripening phase	r.a.c.	0.14 0.07 0.06 0.06 <0.05 <0.05	00 03 05 07 10 14	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05
532-3317	27000180/7A 6701 Ruppertsberg	FS 0014/ Orthenhausen	1)1968 2) April 20- May 5 3) Sep 28	1.33	2000	0.07	09/05/80 27/05/80 23/06/80 16/07/80 21/08/80	Before the begin of ripening phase	r.a.c.	0.21 0.11 0.10 0.12 0.06 0.06 <0.05 <0.05	00 03 05 07 10 14 21 28	<0.05 0.06 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05

SCC Project 104-013-03		Crop/crop group	:Plums
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993
Country:	: Germany	Table	: 30
Active ingredient	: Dimethoate	Page	:5/7

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3318	27000180/6A 6701 Ruppertsberg	FS 0014/Orthenhausen	1) 1968 2) April 22-May 6 3) Sep 11	0.67	2000	0.03	09/05/80 27/05/80 23/06/80 16/07/80 21/08/80	Before the beginning of ripening phase	r.a.c.	0.06 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05	00 03 05 07 10 14 21 28	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05
532-3319	27000181/3A 5357 Ludendorf	FS 0014/Haus zwetsche	10 1952 2) April 20-May 05 3) Sep 16	0.50	1500	0.03	24/04/81 16/06/81 07/07/81 26/08/81	14 days before harvest	r.a.c.	0.17 0.18 0.32 0.36 0.21	00 03 07 14 21	<0.05 <0.05 <0.05 <0.05 <0.05
532-3320	C83110601 7758 Riedersweiler	FS 0014/Haus-zwetsche	1) 1968 2) May 1-10 3) Sep 8	0.60 0.72 0.72	1500 1800 1800	0.04 0.04 0.04	12/07/83 03/08/83 15/08/83	Beginning of fruit colouring	r.a.c.	0.40 0.11 0.05 0.05 0.02	00 14 21 28 35	0.07 0.06 0.04 0.04 0.03
532-3321	C82370601 7758 Riedersweiler	FS 0014/Haus-zwetsche	3) Sep 14	0.80	2000	0.04	07/07/83 04/08/83 17/09/83	-	r.a.c.	0.23 0.13 0.12 0.05 0.09	00 07 14 21 28	0.06 0.05 0.05 0.03 0.06
532-3322	7770 Lippertsreute/Bodensee	FS 0014/Bühler Frühweitsche	3) Sep 11	-	-	0.04	14/08/74	-	r.a.c.	0.25 0.45 0.22 0.15 0.04	00 07 14 21 28	<0.02 <0.02 <0.02 <0.02 <0.02

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SCC Project 104-013-03			Crop/crop group		:Plums
Responsible body for reporting (name address)		: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date		: April 20, 1993
Country:		: Germany	Table		: 30
Active ingredient		: Dimethoate	Page		:6/7

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3323	C82370601 7758 Meersberg	FS 0014/ Hauswetsche	1) 1972 2) May 10-19 3) Sep 7	0.80	2000	0.04	07/07/82 04/08/82 17/08/82	Green fruits	Fruits	0.23 0.13 0.12 0.05 0.09	00 07 14 21 28	0.06 0.05 0.05 0.03 0.06
532-3324	C828172 6507 Ingelheim	FS 0014/ Crydie mer	1) 1965 2) April 24-May 10 Aug 30	0.60	1500	0.04	24/06/82 15/07/82 02/08/82	Beginnig of colouring	Fruits	0.15 <0.02 <0.02 <0.02 <0.02	00 14 21 28 35	0.13 0.15 0.12 0.09 0.08
532-3325	C831172 6507 Ingelheim	FS 0014/ Crydie mer	1) 1967 2) April 15-26 3)Aug 25	0.50	1250	0.04	16/06/83 07/07/83 21/07/83	Softening of fruit flesh	Fruits	0.49 0.06 0.02 <0.02 <0.02	00 14 21 28 35	<0.02 <0.02 <0.02 <0.02 <0.02
532-3326	 7759 Immenstaad	FS 0014/ Bühler Frühwetsche	3) Sep 11	-	-	-	14/08/74	-	r.a.c.	0.30 0.20 0.25 0.18 0.03	00 07 14 21 28	<0.02 <0.02 <0.02 <0.02 <0.02
532-3327	SPI 003351 7500 Karlsruhe	FS 0014/ Zernowitzer	1) 1957 2) April 16026 3) July 4	0.60	1500	0.04	29/04/83 27/05/83 08/06/83	Begin of ripening phase	r.a.c.	0.26 0.13 0.02 <0.02 <0.02	00 14 21 28 35	0.04 <0.02 <0.02 <0.02 <0.02

SCC Project 104-013-03		Crop/crop group	:Plums
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993
Country:	: Germany	Table	: 30
Active ingredient	: Dimethoate	Page	:7/7

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-3328	URA A 02483 2155 Hove	FS 0014/ Buehler	1) 1961 2) April 20- May 6 3) Sep 7	0.60	1500	0.04	21/06/83 19/07/83 03/08/83	Green fruits	r.a.c.	0.58	00	0.07
										0.11	14	0.09
										0.11	21	0.14
										<0.02	28	0.05
										<0.02	35	0.04

2.7 Berry fruit

CHA Doc. No. 212 DMT; Samoil, K. S.; Magnitude of residue: Dimethoate on blueberry; 1996

Active Substance (common name):	Dimethoate	Commercial Product name:	Clean crop dimethoate 400
Crop/Crop Group:	Blueberry, Berry fruit	Producer of Commercial Product:	United Agri Products
Responsible body for Reporting (name, address):	IR4	Indoor/Glasshouse/Other:	Field
Country:	USA	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/ Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portio n Analys ed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remark s:
CHA Doc. No. 212 DMT, USA	Blueberry, lowbush (Maine)	9/8/93 (harvest)	Foliar spray	0.16 kg ai/100 L	Water 25 gallons/ac re (234 L/ha)	0.33 lb ai/A (0.37 kg a.i./ha)	19/7/93		Fruit	21	0.26 0.38	0.06 0.14	Controls <0.05 mg/kg; Mean recoveri es of dimetho ate were 84-93%, mean recoveri es of ometho ate 61- 63%;
						0.66 lb ai/A (0.74 kg a.i./ha)	19/7/93		Fruit	21	0.62 0.91	0.19 0.21	
	Blueberry, lowbush (Maine)	9/8/93 (harvest)	Foliar spray	0.16 kg ai/100 L	Water 25 gallons/ac re (234 L/ha)	0.33 lb ai/A (0.37 kg a.i./ha)	19/7/93		Fruit	21	0.37 0.42	0.15 0.11	
						0.66 lb ai/A (0.74 kg a.i./ha)	19/7/93		Fruit	21	0.83 0.68	0.40 0.29	
	Blueberry, Jersey, highbush	8/8/94 (harvest)	Airblast sprayer	2.6 kg ai/100 L	Water 1.5 gallons/ac re (14	0.33 lb ai/A (0.37 kg a.i./ha)	25/7/94		Fruit	14	0.25 0.40	0.06 0.08	

	(Michigan)				L/ha)									Sample s stored frozen for up to 689 days (Maine trials) – storage stability recoveri es after 566-568 days were 50-70% for dimetho ate and 38-60% for ometho ate (at 0.01 and 0.1 mg/kg – lower recoveri es at higher fortificati on levels).
	Blueberry, Bluecrop, highbush (New Jersey)	15/7/94 (harvest)	Backpack sprayer	0.016 kg ai/100 L	250 gallons/ac re (2341 L/ha)	0.33 lb ai/A (0.37 kg a.i./ha)	10/6/94		Fruit	14	0.13 0.13	0.05 0.06		
	Blueberry, Croatan, highbush (N. Carolina)	27/5/94 (harvest)	Back pack sprayer			0.33 lb ai/A (0.37 kg a.i./ha)	13/5/94		Fruit	14	0.13 0.23	0.06 0.09		
	Blueberry, Jersey, highbush (Washington)	20/7/94 (harvest)	Back pack sprayer	0.11 kg ai/100 L	37.2 gallons/ac re (348 L/ha)	0.33 lb ai/A (0.37 kg a.i./ha)	29/6/94		Fruit	21	<0.05 <0.05	<0.05 <0.05		

GRAPES

CHA Doc. No. 134 DMT; Pistel, F.; DTF Doc. No. 581-003. Dimethoate Residue Trials within the EC Member States; 1993.

Note : this report contained summary data only – no details were provided on methods, recoveries or storage stability.

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	: Dimethoate
SCC Project 104-013-03		Crop/crop group	: Grapes
Responsible body for reporting (name address)	: Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	: April 20, 1993
Country:	: Germany	Table	: 31
Content of a.i.	: 400 g/L	Page	: 1/1
Formulation (e.g. WP)	: EC	Indoor/outdoor	: outdoor
Commercial product (name)	: Roxion	Other a.i. in formulation	-
Producer of commercial product	: Celamerck	Residues calculated as	: Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-4001	15/72 6501 Schwabenheim	FB 0269/ Silvaner	3) Oct 2	-	-	0.04	23/08/72 04/09/72	-	r.a.c. r.a.c. r.a.c. r.a.c. must vine	1.06 0.59 0.35 0.24 0.14 0.07 0.04	00 07 14 21 28 - -	0.08 0.12 0.12 0.12 0.10 0.22 0.08
532-4002	15/72l 6501 Schwabenheim	FB 0269/ Silvaner	3) Oct 28	-	-	0.04	26/08/74 30/09/74	Begin of ripening phase	r.a.c.	1.09 0.34 0.31 0.20	00 14 21 28	<0.02 0.06 0.09 0.08
532-4003	31/75H 6501 Schwabenheim	FB 0269/ Müller-Thurgau	3) Oct 28	-	-	0.04	26/08/74 30/09/74	Begin of ripening phase	r.a.c.	0.82 0.35 0.39 0.27	00 14 21 28	<0.02 0.06 0.10 0.11

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)			Active ingredient	Dimethoate
SCC Project 104-013-03			Crop/crop group	Grapes
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:	France		Table	32
Content of a.i.	222 g/L		Page	1/3
Formulation (e.g. WP)	EC		Indoor/outdoor	outdoor
Commercial product (name)	SALUT = BAS 27000 I		Other a.i. in formulation	Chlorpyrifos 278 g/l
Producer of commercial product	BASF		Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-4004	27000I80/2E Vauvert	FB 0269/ Carignan	Sep 18	0.333	100	0.333	22/08/80	End of ripening phase	r.a.c.	0.89	27	0.19
532-4005	27000I80/1E Ste Hilaire	FB 0269/ Groslot	Oct 13	0.333	100	0.333	19/08/80	Full maturity	r.a.c.	0.34	45	0.18
532-4006	27000I84/4A Fronton	FB 0269/ Negrette	Sep 17	0.222	200	0.111	30/07/84	-	r.a.c.	2.07 0.83 0.53 0.27 0.06	00 07 14 28 49	<0.05 0.07 0.08 0.11 0.07
532-4007	27000I84/3A Rochecarbon	FB 0269/ Chenin	Oct 23	0.222	400	0.0555	30/07/84	Fruit development	r.a.c.	1.13 0.25 0.48 0.11 <0.05	00 07 14 28 86	<0.05 0.05 <0.05 0.06 0.05
532-4008	27000I84/2A Gajan	FB 0269/ Carignan	Sep 26	0.089	400	0.02225	06/08/84	Begin of ripening phase	r.a.c.	0.37 0.13 0.10 <0.05 <0.05	00 07 14 28 51	<0.05

299 APPENDIX 8: RESIDUES DATA SUPPLIED BY REGISTRANTS

SCC Project 104-013-03			Crop/crop group		Grapes
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date		April 20, 1993
Country:		France	Table		32
Active ingredient		Dimethoate	Page		2/3

DTF Doc. No.	Report-No. Location incl. Postal Code	Commo dity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-4009	27000I84/1A	FB 0269/ Carignan	3) Sep 17	0.089	400	0.02225	30/07/84	Begin of ripening phase	r.a.c.	1.73 0.17 0.09 <0.05 0.06	00 07 14 28 49	<0.05 <0.05 <0.05 <0.05 <0.05
532-4010	27000I81/2E Salles d'Armagnac	FB 0269/ Colomb ar	3) Oct 06	0.222	150	0.148	20/07/81	Begin of ripening phase	r.a.c.	0.11	57	0.11
532-4011	27000I82/1E Milhaud	FB 0269/ Grenac he	3) Sep 15	0.222	150	0.148	07/07/81 20/08/81	Begin of ripening phase	r.a.c.	0.11	26	0.11
532-4012	27000I82/12E Ailleville	FB 0269/ Pineau Meunie r	3) Sep 19	0.3	180	0.166	27/07/82	Begin of ripening phase	r.a.c.	0.13	54	0.07
532-4013	27000I82/11E St Lambert du Lattay	FB 0269/ Gros Lot	3) Sep 21	0.222	100	0.222	08/06/82 21/07/82	-	r.a.c.	<0.05	62	<0.05
532-4014	27000I82/10E St Lambert du Lattay	FB 0269/ Gros Lot	3) Sep 21	0.222	100	0.222	08/06/82 21/07/82	Begin of ripening phase	r.a.c.	<0.05	62	<0.05
532-4015	27000I82/9E Montréal	FB 0269/ Listan	3) Oct 3	0.222	1000	0.0222	16/08/82	Beginnin g of fruit colouring	r.a.c.	<0.05	48	<0.05

SCC Project 104-013-03			Crop/crop group		Grapes
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:		France		Table	32
Active ingredient		Dimethoate		Page	3/3

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-4016	27000I82/8E Montréal	FB 0269/ Listan	3) Oct 3	0.222	150	0.148	11/06/82 16/07/82 23/08/82 09/09/82	Fruit colouring	r.a.c.	0.21	24	0.14
532-4017	27000I82/7E Veuvrt	FB 0269/ Carignan	3) Sep 6	0.222	1000	0.0222	20/08/82	Fruit colouring	r.a.c.	0.18	17	<0.05
532-4018	27000I82/6E Veuvrt	FB 0269/ Carignan	3) Sep 6	0.222	100	0.222	23/07/82 20/08/82	Fruit colouring	r.a.c.	1.18	17	0.11
532-4019	27000I82/5E Gallargues	FB 0269/ Aramon	3) Sep 8	0.8332 1.042	500	0.1664 0.2084	07/07/82 10/08/82	Fruit colouring	r.a.c.	<0.05	29	<0.05
532-4020	27000I82/4E Gallician	FB 0269/ Grenache	3) Sep 8	0.832 1.042	500	0.1664 0.2084	05/07/82 04/08/82	Fruit colouring	r.a.c.	0.6	35	0.14
532-4021	27000I82/3E Fronton	FB 0269/ Gamay beaujolais	3) Sep 13	0.832 1.042	500	0.1664 0.2084	29/07/82 11/08/82	Fruit colouring	r.a.c.	1.21	33	0.41
532-4022	27000I82/2E Tours	FB 0269/ Cot sur 3309	3) Sep 20	0.5 0.625	300 235	0.166 0.266	16/07/82 11/08/82	Beginnig of fruit colouring	r.a.c.	0.78	40	0.43
532-4023	27000I82/1E Tours	FB 0269/ Pineau Loire	3) Oct 4	0.5 0.625	300 235	0.166 0.266	15/07/82 11/08/82	Fruit colouring	r.a.c.	0.66	54	0.31

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CURRENTS

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)			Active ingredient	Dimethoate
SCC Project 104-013-03			Crop/crop group	Currents
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:	Germany		Table	33
Content of a.i.	400 g/L (Perfekthion, Roxion), 404 g/L (Rogor)		Page	1/4
Formulation (e.g. WP)	EC		Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion, Roxion, Rogor		Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck, C.F. Spiess & Sohn		Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-4301	Perfekthion 74/9A 6761 Winterborn	FB 0278/ Silverg eiders	3) July 16	0.60	1500	0.04	25/06/74	3 weeks before harvest	r.a.c.	11.2 4.50 0.40 0.15	00 07 15 21	<0.02 0.60 0.40 0.20
532-4304	7770 Deisendorf/ Bds.	FB 0278/ Silverg eiders	3) July 23	0.86	2000	0.04	03/05/74 10/06/74 25/06/74	Green fruits	r.a.c.	8.00 4.50 0.32 0.12 0.45	00 07 14 21 28	0.06 0.04 <0.02 <0.02 <0.02
532-4302	15211183/3A 6905 Schriesheim	FB 0279/ Rondo m	3) July 13	0.60	1500	0.04	18/05/83 01/06/83	Fruit develop ment	r.a.c.	5.18 2.35 1.35 0.35 0.27	00 14 28 35 42	0.22 0.38 0.46 0.36 0.31
532-4303	15211182/3A	FB 0279/ Currant /Rondo m	3) July 6	0.60	1500	0.04	18/05/82 01/06/82	Fruit develop ment	r.a.c.	3.69 2.00 1.32 0.67 0.17 0.11	00 07 14 21 28 35	0.29 0.29 0.26 0.29 0.11 0.08

SCC Project 104-013-03			Crop/crop group		Currants	
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date		April 20, 1993
Country:		Germany		Table		33
Active ingredient		Dimethoate		Page		2/4

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-4305	10/74-I 6501 Schwabenheim	FB 0279/ Heros	3) June 29	-	-	0.04	08/06/73	Beginnin g of red colouring	r.a.c.	0.58 0.28 0.15 0.03	00 07 14 21	<0.02 0.05 0.08 0.09
532-4306	10/74-II 6501 Schwabenheim	FB 0279/ Heros	3) July 9	-	-	0.04	18/06/73	Beginnin g of red colouring	r.a.c.	0.42 0.20 0.08 0.05	00 07 14 21	0.02 0.12 0.14 0.11
532-4307	44/73 6501 Schwabenheim	FB 0279/ Heros	3) July 9	-	-	0.04	08/06/73 18/06/73	-	r.a.c.	0.58 0.28 0.15 0.03	00 07 14 21	0.02 0.05 0.08 0.10
532-4308	7770 Deisendorf/ Bodensee	FB 0279/ Heros	3) July 16	0.80	2000	0.04	18/06/73	-	r.a.c.	2.2 2.1 1.1 0.40	00 04 07 10	0.01 0.02 0.02 0.02 ←bush 2
							06/07/73			0.47 0.29 0.23	00 07 14	<0.01 ←bush 1 <0.01 <0.01
532-4309	C824172 6501 Schwabenheim	FB 0279/ Heros	1) 1976 2) April 13-20 3) July 5	0.40	1000	0.04	09/06/82 21/06/82	Beginnin g of red colouring	r.a.c.	0.36 0.11 0.05 0.02 0.02	00 07 14 21 29	0.19 0.26 0.21 0.19 0.19

303 APPENDIX 8: RESIDUES DATA SUPPLIED BY REGISTRANTS

SCC Project 104-013-03			Crop/crop group	Currants
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:	Germany		Table	33
Active ingredient	Dimethoate		Page	3/4

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-4310	15211182/3A 6905 Schriesheim	FB 0279/ Rondo m	S/P 1975 F April 15-22 H July 6	0.60	1500	0.04	18/05/82 01/06/82	Fruit develop ment	r.a.c.	3.69 2.00 1.32 0.67 0.17 0.11	00 07 14 21 28 35	0.29 0.29 0.26 0.29 0.11 0.08
532-4311	7997 Immenstaad	FB 0279/ Jonkhe r van Tets	S/P 1973 F April 19-May 10 H June 30	0.60	1500	0.04	02/06/82 16/06/82	Green fruits	r.a.c.	1.41 0.27 0.10 <0.01 <0.01	00 07 14 21 28	0.02 0.01 0.02 0.02 <0.01
532-4312	lfd. Nr.: Spi 0003261 7601 Ebersweier	FB 0279/ Macha erau's Rote Riesent raube	S/P 1975 F April 21-May 4 H July 10	0.60	1500	0.04	21/05/82 07/06/82	Before fruits are ripe for consump tion	r.a.c.	3.06 1.20 0.63 0.47 0.35	00 07 14 21 28	0.07 0.03 0.03 <0.01 <0.01
532-4313	C831272 6501 Schwaben- heim	FB 0279/ Red Lake	S/P 1976 F April 22-30 H June 29	0.52	1300	0.04	11/05/83 25/05/83	Green fruits	r.a.c.	1.90 0.81 0.68 0.32 0.18 0.05	00 14 21 28 35 42	0.30 0.31 0.26 0.18 0.17 0.10

SCC Project 104-013-03			Crop/crop group		Currants	
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date		April 20, 1993
Country:		Germany		Table		33
Active ingredient		Dimethoate		Page		4/4

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
532-4314	15211183/3A	FB 0279/ Rondo m	S/P 1975 F April 10-20 H July 6	0.60	1500	0.04	18/05/83 01/06/83	Fruit development	r.a.c.	5.18 2.35 1.35 0.35 0.27	00 14 28 35 42	0.22 0.38 0.46 0.36 0.31
532-4315	SPI 003341 7997 Immenstaad	FB 0279/ Jonkheer van Tets	S/P 1973 F April 18-30 H July 5	0.60	1500	0.04	24/05/83 07/06/83	Green fruits	r.a.c.	0.12 0.04 <0.02 <0.02	21 28 35 42	0.05 0.06 0.08 0.04
532-4316	URA A 02583 2155 Hove	FB 0279/ Redlake	S/P 1974 F May 3-18 H Aug 16	0.60	1500	0.04	28/06/83 19/07/83	Green fruits	r.a.c.	15.0 4.90 3.70 2.30 1.40	00 14 28 35 42	0.23 0.30 0.21 0.24 0.28

2.8 Root and tuber vegetables

POTATOES.

CHA Doc. No. 225 DMT; Flatt, S. G.; Dimethoate and Omethoate, Determination of residual concentrations in whole plant and tubers of potatoes; 31st January 1997.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Potatoes, Root and tuber vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	United Kingdom	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity /Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatme nt	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analys ed	PHI (days)	Dimethoate (mg/kg)	Ometho ate (mg/kg)	Remarks:
CHA Doc. No. 225 DMT, United Kingdo m	Potato, Anna	Not recorded	Foliar spray	155 g ai/100 L	Water 220 L/ha	340 g a.i./h a	21/6/95 5/7/95	BBCH 302	Plant	0 3	9.22 1.32	0.16 0.37	Residues not detected in control samples; Dimethoate mean recoveries 96 and 87%; Omethoate mean recoveries 91 and 71%; Analysis within 5 months of sample collection.
									Tuber	14 21 86 [†]	<0.0012 <0.0012 <0.0012	<0.0049 <0.0049 <0.0049	

[†]Commercial harvest.

CHA Doc. No. 316 DMT; Flatt, S. G., Roberts, N. L.; Dimethoate and Omethoate, Determination of residual concentrations in whole plant and tubers of potatoes; 28th March 1996.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Potatoes, Root and tuber vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Germany, Denmark	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 316 DMT, Germany, Denmark	Potato, Premiere (Germany)	Not recorded	Foliar spray	155 g ai/100 L	Water 220 L/ha	340 g a.i./ha	16/06/94 30/06/94	BBCH 61	Plant	0 3	6.72 0.54	0.03 0.07	Controls <0.01 mg/kg; Dimethoate recoveries 96 - 125%, omethoate recoveries 82 and 115%. Analysis within 12 months of first sample collection.
									Tuber	7 14 35 [†]	0.01 <0.01 <0.002	<0.01 <0.01 <0.0004	
	Potato, Sava (Denmark)	Not recorded	Foliar spray	155 g ai/100 L	Water 220 L/ha	340 g a.i./ha	20/06/94 1/07/94	BBCH 40	Plant	0 3	10.57 1.53	0.06 0.23	
									Tuber	7 14 67 [†]	0.03 <0.01 <0.002	<0.01 <0.01 <0.0004	

[†]Commercial harvest.

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CHA Doc. No. 335 DMT; Melkebeke, T., Geuijen, I. Magnitude of the residues of dimethoate and omethoate on potato after applications of an EC formulation (Perfekthion) containing 400 g/L of dimethoate in Germany, the Netherlands and the United Kingdom, 1995; 14th January 1997.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Potatoes, Root and tuber vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Germany, the Netherlands, United Kingdom	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 335 DMT, Germany, The Netherlands, United Kingdom	Potato, Hansa, (Germany)	17/04/95 (planting)	Foliar spray	Target 155 g ai/100 L	Water Target 220 L/ha, actual 216, 227	Target 340 g a.i./ha; Actual 334, 351	28/06/95 12/07/95	BBCH 65	Whole plant	0 3	2.77 0.52	0.17 0.12	Controls <0.003 mg/kg, Dimethoate recoveries 98 – 115%, omethoate recoveries 70 – 87%; Analysis completed within 8 months of first sample collection.
									Tuber	14 21 28 64 [†]	<0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01	
	Potato, Karnico (The Netherlands)	30/04/95 (planting)	Foliar spray	Target 155 g ai/100 L	Water Target 220 L/ha, actual 217, 213	Target 340 g a.i./ha; Actual 335, 329	21/06/95 5/07/95	BBCH 65	Whole plant	0 3	5.47 0.55	0.10 0.22	
									Tuber	14 21 28 77 [†]	<0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01	
	Potato, Estimon (United Kingdom)	7/04/95 (planting)	Foliar spray	Target 155 g ai/100 L	Water Target 220 L/ha, actual	Target 340 g a.i./ha; Actual 326,	20/6/95 4/07/95	BBCH 65	Whole plant	0 3	8.03 1.73	0.17 0.20	
									Tuber	14 21 28 [†]	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	

					211, 210	324							
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[†]Commercial harvest

CHA Doc. No. 335 DMT suppl. 1; Melkebeke et al (1997); Supplement to the study, Magnitude of the residues of dimethoate and omethoate on potato after applications of an EC formulation (Perfekthion) containing 400 g/L of dimethoate in Germany, the Netherlands and the United Kingdom, 1995.

This supplement to the previous study calculated the mean recovery and standard deviation for one fortification level in the previous study. Results are tabulated below:

Dimethoate fortification level (mg/kg)	1 (tuber)	1 (whole plant)
Mean value (%)	104	104
Standard deviation (%)	2.8	0.7
Relative standard deviation (%)	2.7	0.7

Omethoate fortification level (mg/kg)	1 (tuber)	1 (whole plant)
Mean value (%)	56	70
Standard deviation (%)	6.0	1.2
Relative standard deviation (%)	10.7	1.7

NB – results obtained prior to test sample analysis, concurrent recoveries not recorded in this supplementary report.

RADISH

CHA Doc. No. 704 DMT; Grabau, M.; Residue trial with Roxion in radish Biologische Bundesanstalt, Germany; 1989
 CHA Doc. No. 705 DMT; Hommes, M.; Residue trial with Roxion in radish Biologische Bundesanstalt, Germany; 1989
 CHA Doc. No. 706 DMT; Montag; Residue trial with Roxion in radish Bayerische Landesanstalt München, Germany; 1988
 CHA Doc. No. 707 DMT; Residue trial with Rogor in radish Pflanzenschutzamt Saarbrücken, Germany; 1990
 CHA Doc. No. 708 DMT; Residue trial with dimethoate rustica in radish Landespflanzenschutzamt Mainz, Germany; 1990
 CHA Doc. No. 709 DMT; Heck; Residue trial with Roxion in radish LWA Radolfzell, Germany, 1988
 CHA Doc. No. 710 DMT; Glas; Residue trial with Roxion in radish Pflanzenschutzdienst, Frankfurt/M., Germany; 1989
 CHA Doc. No. 711 DMT; Grutzka; Residue trial with Roxion in radish Pflanzenschutzamt Berlin-West, Frankfurt/M., Germany, 1988

CHA Doc. No. 712 DMT; Montag; Residue trial with Roxion in radish Bayerische Landesanstalt München, Germany 1986
 CHA Doc. No. 713 DMT; Schenk, E.; Residue trial with Roxion in radish Celamerck Schwabenheim, Germany, 1987
 CHA Doc. No. 714 DMT; Fuchs; Residue trial with Perfekthion in radish (152 11 / 86/1A) BASF AG, Limburgerhof, Germany, 1987

These documents were brief summaries of residue trials in German only. Translated documents were not provided. However, a brief summary of trials 704 – 711 was given in CHA Doc. No. 134 DMT – details are given below. Doc. Nos 704 to 711 correspond to 533-0403 to 533-0410.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion, Roxion, Rogor
Crop/Crop Group:	Radish, Root and tuber vegetables	Producer of Commercial Product:	BASF, Celamerck, C. F. Spiess & Sohn
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Germany	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L, 404 g/L (Rogor)	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment	Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
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533-0401; Schifferstadt	Radish, Weißer Neckarrruhm	12/6/74 (Harvest)	Drenching	0.04 kg ai/100 L	Water 5000 L/ha	2 kg a.i./ha	23/3/1974 22/5/1974	3 weeks before harvest	r.a.c.	0 7 13 20	2.14 0.79 0.54 <0.1	<0.02 0.09 0.10 <0.02	
533-0402; Schwabenheim	Radish	26/10/1966 (Harvest)		0.04 kg ai/100 L	Water 0.4 L/m	0.16 g/m	5/10/1966		r.a.c.	21 21 21	0.19 <0.09 <0.09		Trial 1
							7/9/1966 5/10/1966		r.a.c.	21 21 21	0.12 <0.09 <0.09		Trial 2
533-0403; Braunschweig	Radish, April Cross	3/8/1988 (Harvest)		0.04 kg ai/100 L	Water 0.5 L/m	0.2 g/m	6/7/1988	Roots 1- 3 cm	r.a.c.	0 7 14 21 28	3.2 2.9 1.9 0.2 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1	
533-0404; Braunschweig	Radish, Rex	24/5/1988 (sowing) 18/7/1988 (Harvest)		0.04 kg ai/100 L	Water 0.5 L/m	0.2 g/m	20/6/1988	Roots 1 cm	Root + foliage Root Root Root Root	0 7 14 21 28	3.1 1.9 2.0 0.3 0.2	0.3 <0.1 <0.1 <0.1 <0.1	
533-405; München	Radish, Rex	26/5/1988 (sowing) 18/7/1988 (harvest)		0.04 kg ai/100 L	Water 0.5 L/m	0.2 g/m	27/6/1988	Roots 1 cm	r.a.c.	0 7 14 21 28	11 2.7 1.4 0.5 0.4	0.2 <0.1 <0.1 <0.1 <0.1	
533-406; Saarlouis- Lisdorf	Radish, April Cross	23/3/1988 (sowing) 14/6/1988 (harvest)		0.04 kg ai/100 L	Water 0.5 L/m	0.2 g/m	24/5/1988	Roots 1 cm	Root + foliage Root Root Root Root	0 7 14 21 28	26 1.4 0.8 0.3 <0.1	0.6 <0.1 <0.1 <0.1 <0.1	
533-407; Mainz- Bretzenheim	Radish, Minorase Summer-cross Nr.3	5/5/1988 (sowing) 5/7/1988 (harvest)		0.04 kg ai/100 L	Water 0.5 L/m	0.2 g/m	8/6/1988	Roots 1 cm	Root	0 7 14 21 27	2.8 3.1 0.5 <0.1 <0.1	<0.1 <0.1 <0.1 <0.1 <0.1	
533-0408; Moos	Radish, Neckarrruhm	24/8/1988 (sowing) 10/10/1988 (harvest)	Drenching	0.04 kg ai/100 L	Water 12500 L/ha	5 kg ai/ha	12/9/1988	6 true leaf stage	Root + foliage Root + foliage	0 7	59 2.1	0.3 0.1	

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									Root Root Root	14 21 28	1.1 0.4 0.2	<0.1 <0.1 <0.1	
533-409, Frankfurt/M.	Radish, Rex	4/7/1988 (sowing) 22/8/1988 (harvest)		0.04 kg ai/100 L	Water 0.5 L/m	0.2 g/m	1/8/1988	Roots 1 cm	Root + foliage Root + foliage Root + foliage Root + foliage Root	0 7 14 21 28	13 3.1 0.8 0.1 <0.1	0.3 0.2 0.2 <0.05 <0.05	
533-0410, Berlin-Britz	Radish, Rex	2/5/1988 (sowing) 20/6/1988 (harvest)		0.04 kg ai/100 L	Water 0.5 L/m	0.2 g/m	30/5/1988	Roots 1 cm	Root with or without foliage	0 7 14 21 28	18 1.3 0.4 <0.1 <0.1	0.20 <0.1 <0.1 <0.1 <0.1	
533-0411, Schwabenheim	Radish, Saxa	22/07/1971 (harvest)		0.04 kg ai/100 L			7/7/1971 8/7/1971		r.a.c.	14 14 21 21	0.22 0.13 0.16		Trial 1
	Radish, Eis-zapfen	28/07/1971 (harvest)		0.04 kg ai/100 L			7/7/1971 14/7/1971		r.a.c.	14 14 21 21	0.04 0.06 0.03 <0.02		Trial 2

SUGAR BEET

CHA Doc. No. 541 DMT; Wilson, A; Residue decline curve study with an EC formulation containing 400 g/L dimethoate applied to sugar-beet in Italy and Spain in 2000; 2001

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Sugar beet, root and tuber vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Italy and Spain	Other active substance in the formulation (common name and content):	N/A

312 DIMETHOATE – RESIDUES AND DIETARY EXPOSURE ASSESSMENT

Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 541 DMT, Italy, Spain	Sugar beet, Monodora (Italy)	23/02/2000 (sowing)	Foliar spray	60 g ai/100 L	Water 1000 L/ha	Target 600 g a.i./ha, actual 625, 624	11/5/2000 15/6/2000	BBCH 35	Whole plant	0	8.6	0.17	Controls <0.002 mg/kg, Dimethoate recoveries 79 – 103%, omethoate recoveries 81 – 90%, samples analysed within 25 weeks of first sampling.
									Leaves/tops	14 21 32 64	0.04 <0.01 <0.002 <0.002	0.20 0.10 0.02 <0.002	
									Roots	14 21 32 64	<0.002 <0.002 <0.002 <0.002	<0.01 <0.002 <0.002 <0.002	
	Sugar beet, Doral (Spain)	25/03/2000 (sowing)	Foliar spray	60 g ai/100 L	Water 1000 L/ha	Target 600 g a.i./ha, actual 611, 650	21/6/2000 22/7/2000	BBCH 43	Whole plant	0	3.48	0.06	
									Leaves/tops	16 21 31 59	0.13 0.04 <0.002 <0.002	0.14 0.12 0.04 <0.01	
									Roots	16 21 31 59	<0.002 <0.002 <0.002 <0.002	<0.002 <0.002 <0.002 <0.002	

CHA Doc. No. 483 DMT; Wilson, A.; Dimethoate: Residue study (Decline curve and at harvest) with an EC formulation containing 400 g/L dimethoate applied to sugar beet in Spain and Italy 2001; 2002

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Sugar beet, root and tuber vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Italy and Spain	Other active substance in the formulation (common name and	N/A

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		content):	
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 483; Spain, Italy	Sugar beet, Ramona (Spain)	27/4/2001 (sowing) 3/9/2001 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 994 + 991 L/ha	0.620 + 0.618 kg a.i./ha	31/5/01 3/7/01	BBCH 37	Whole	0	14.84	0.13	Controls <0.01 mg/kg, dimetoate recoveries 75 – 103%, omethoate recoveries 72-89%, samples analysed within 17 weeks of first sampling.
									Leaves/tops	30 62	<0.002 <0.002	<0.1 <0.002	
									Roots	30 62	<0.002 <0.002	<0.002 <0.002	
	Sugar beet, Ramona (Spain)	20/4/2001 (sowing) 3/9/2001 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 996 + 1008 L/ha	0.621 + 0.629 kg a.i./ha	31/5/01 4/7/01	BBCH 38	Whole	0	11.85	0.05	
									Leaves/tops	29 61	<0.01 <0.002	0.02 <0.002	
									Roots	29 61	<0.002 <0.002	<0.002 <0.002	
	Sugar beet, Doral (Spain)	15/4/2001 (sowing) 3/9/2001 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 1009 + 1003 L/ha	0.629 + 0.625 kg a.i./ha	31/5/01 3/7/01	BBCH 37	Whole	0	8.46	0.09	
									Leaves/tops	14 20 30 62	0.22 0.03 <0.01 <0.002	0.34 0.11 0.03 <0.002	
									Roots	14 20 30 62	<0.002 <0.002 <0.002 <0.002	<0.002 <0.002 <0.002 <0.002	
	Sugar beet, Opera (Italy)	4/3/2001 (sowing) 3/9/2001 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 1000 + 997 L/ha	0.624 + 0.622 kg a.i./ha	1/6/01 3/7/01	BBCH 41	Whole	0	9.70	0.1	
									Leaves/tops	13 20 30	0.06 <0.01 <0.002	0.1 0.04 <0.01	

									Roots	62	<0.002	<0.002	
										13	<0.002	<0.002	
										20	<0.002	<0.002	
										30	<0.002	<0.002	
										62	<0.002	<0.002	
	Sugar beet, Nubia (Italy)	20/03/2001 (sowing) 10/9/2001 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 1001 + 1007 L/ha	0.624 + 0.628 kg a.i./ha	11/6/01 10/7/01	BBCH 41	Whole	0	8.40	0.13	
									Leaves/tops	31 62	<0.002 <0.002	<0.01 <0.002	
									Roots	31 62	<0.002 <0.002	<0.002 <0.002	
	Sugar beet, Mondoro (Italy)	2/04/2001 (sowing) 10/9/2001 (harvest)	Backpack boom	0.06 kg ai/100 L	Water 999 + 1002 L/ha	0.623 + 0.625 kg a.i./ha	12/6/01 12/7/01	BBCH 41	Whole	0	4.11	0.06	
									Leaves/tops	32 60	<0.002 <0.002	<0.01 <0.002	
									Roots	32 60	<0.002 <0.002	<0.002 <0.002	

CHA Doc. No. 489 DMT; Wilson, A.; Dimethoate : Residue Study (at Harvest) with an EC formulation containing 400 g/L Dimethoate applied to sugar beet in the United Kingdom and Germany in 2001; 2002.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Sugar beet, root and tuber vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	United Kingdom and Germany	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

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Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 489 DMT, UK, Germany	Sugar beet, Roberta (UK)	8/5/01 (sowing) 14/9/01 (harvest)	Research boom	0.02 + 0.09 kg ai/100 L	Water 433 + 460 L/ha	0.08 + 0.42 kg a.i./ha	16/7/01 15/8/01	BBCH 38	Whole Leaves/tops roots	0 30 30	5.90 <0.01 <0.002	0.08 0.02 <0.002	Controls <0.002, dimethoate recoveries 84 – 108%, omethoate recoveries 91 – 105%, samples analysed within 22 weeks of first sampling.
	Sugar beet, Alexis (Germany)	11/04/01 (sowing) 12/9/01 (harvest)	Research boom	0.02 + 0.09 kg ai/100 L	Water 451 + 448 L/ha	0.09 + 0.41 kg a.i./ha	10/7/01 14/8/01	BBCH 39	Whole Leaves/tops roots	0 29 29	5.09 <0.002 <0.002	0.04 0.01 <0.002	

CHA Doc. No. 357 DMT; Samoil, K. S.; Magnitude of residue : dimethoate on turnip; 1998

Active Substance (common name):	Dimethoate	Commercial Product name:	Clean Crop Dimethoate 400
Crop/Crop Group:	Turnip, root and tuber vegetables	Producer of Commercial Product:	United Agri Products
Responsible body for Reporting (name, address):	IR4	Indoor/Glasshouse/Other:	Field
Country:	USA	Other active substance in the formulation (common name and content):	
Content of Active Substance (g/kg or g/L):	4 lb ai/gal (479 g/L)	Residues Calculated as:	
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 357, USA	Turnip, purple top (Arkansas)	24/8/94 (seeding)	Back pack sprayer	0.09 kg ai/100 L	Water 32 gallons/acre (300 L/ha)	0.25 lb/acre (0.28 kg a.i./ha)	15/9/94 22/9/94 29/9/94 29/9/94 6/10/94 13/10/94		Tops	14	<0.1 <0.1	<0.1 <0.1	No detectable residues in controls; Dimethoate recoveries 6 – 124%, omethoate recoveries 7 – 123%; Storage stability data generated – excessive recovery of of omethoate from roots after 561 days storage – possible
	Turnip, purple top (California)	14/7/94 (seeding)	Foliar spray	0.04 – 0.05 kg ai/100 L	Water 59 + 76 + 78 gallons/acre	0.25 lb/acre (0.28 kg a.i./ha)	17/8/94 24/8/94 31/8/94		Tops	14	0.180 0.129	0.341 0.277	
									Roots	14	<0.1 <0.1	<0.1 <0.1	
	Turnip, all top (Florida)	4/11/94 (seeding)	Back pack sprayer	0.1 kg ai/100 L	Water 30 gallons/acre (281 L/ha)	0.25 lb/acre (0.28 kg a.i./ha)	14/12/94 22/12/94 29/12/94		Tops	14	0.534 0.562	0.207 0.210	
	Turnip, purple top (Georgia)	15/9/94 (seeding)	Foliar spray		Water 50 gallons/acre	0.25 lb/acre (0.28	21/10/94 27/10/94 3/11/94		Tops	14	0.114 0.179	0.068 0.092	

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						kg a.i./ha)			Roots	14	<0.1 <0.1	<0.1 <0.1	concentration of extract during storage.
	Turnip, purple top (Ohio)	14/6/94- roots 1/7/94- tops (seeding)	Foliar spray		Water 53 gallons/acre	0.25 lb/acre (0.28 kg a.i./ha)	11/07/94 19/07/94 29/07/94		Tops	14	<0.1 <0.1	<0.1 <0.1	
									Roots	14	<0.1 <0.1	<0.1 <0.1	
	Turnip, purple top (Ohio-ARS)	19/5/94 (seeding)	Foliar spray		Water 74 + 65 + 65 gallons/acre	0.25 lb/acre (0.28 kg a.i./ha)	2/6/94 9/6/94 16/6/94		Tops	14	<0.1 <0.1	<0.1 <0.1	
					Water 65 + 37 + 37 gallons/acre	0.25 lb/acre (0.28 kg a.i./ha)	7/7/94 14/7/94 22/7/94		Roots	14	<0.1 <0.1	<0.1 <0.1	
	Turnip, purple top (Texas)	17/10/94 (seeding)	Foliar spray		Water 30 gallons/acre	0.25 lb/acre (0.28 kg a.i./ha)	14/11/94 22/11/94 1/12/94		Tops	14	<0.1 <0.1	<0.1 <0.1	
					Water 30 gallons/acre	0.25 lb/acre (0.28 kg a.i./ha)	1/12/94 8/12/94 16/12/94		Roots	14	<0.1 <0.1	<0.1 <0.1	

CHA Doc. No. 134 DMT; Pistel, F.; DTF Doc. No. 581-003. Dimethoate Residue Trials within the EC Member States; 1993.

Note : this report contained summary data only – no details were provided on methods, recoveries or storage stability.

Potatoes

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Potatoes
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	46
Content of a.i.	400g/L (Roxion), 404 g/L (Rogor)	Page	1/2
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Roxion, Rogor	Other a.i. in formulation	None
Producer of commercial product	Celamerck, C.F. Spiess & Sohn	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commo dity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
534-1101	13/74 6501 Schwabenham	VR 0589/ Hansa	H Aug 23	0.32 – 0.48	500	0.06 0.10	21/06/82 05/07/82 19/07/82	-	r.a.c.	<0.02 <0.02 <0.02 <0.02 <0.02 <0.02	00 07 14 21 28 35	<0.02 <0.02 <0.02 <0.02 <0.02 <0.02
534-1102	13/74 6501 Schwabenheim	VR 0589/ Hansa	H Oct 15	0.48 0.40 0.32	800 1000 1000	0.06 0.04 0.03	28/05/73 04/07/73 17/09/73	End of ripening phase	r.a.c.	<0.02 <0.02 <0.02 <0.02 <0.02	00 07 14 21 28	<0.02 <0.02 <0.02 <0.02 <0.02
534-1103	5481 Höningen	VR 0589/ Feldesl ohn	H Sep 14	0.32 0.40 0.48	600 600 600	0.04 0.07 0.08	12/06/73 11/07/73 17/08/73	30-40 cm	r.a.c.	0.06 0.70 0.02 0.02 0.01	00 07 14 21 28	0.02 <0.01 <0.01 <0.01 <0.01
534-1104	A 10/73 6501 Schwabenheim	VR 0589/ Hansa	H Oct 15	0.48 0.40 0.32	800 1000 1000	0.06 0.04 0.03	28/05/73 04/07/73 17/09/73	-	r.a.c.	<0.02 <0.02 <0.02 <0.02 <0.02	00 07 14 21 28	<0.02 <0.02 <0.02 <0.02 <0.02

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SCC Project 104-013-03			Crop/crop group		Potato
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:		Germany		Table	46
Active ingredient		Dimethoate		Page	2/2

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
534-1105	C 824472 6501 Schwabenheim	VR 0589/Clivia	S/P April 20 F June 30-July 15 H Sep 3	0.48 0.40 0.32	500 500 500	0.10 0.08 0.06	21/06/82 05/07/82 19/07/82	Berry development	Tubers	<0.02 <0.02 <0.02 <0.02 <0.02 <0.02	00 07 14 21 28 35	<0.02 <0.02 <0.02 <0.02 <0.02 <0.02
534-1106	Spi A 00034 7904 Ersingen	VR 0589/Grata	S/P April 20 F July 2 -15 H Sep 8	0.48 0.40 0.32	400 400 400	0.12 0.10 0.08	18/06/82 02/07/82 15/07/82	Flowering complete	Tubers	<0.01 <0.01 0.01 <0.01 <0.01 <0.01	00 07 14 21 28 35	0.01 <0.01 <0.01 <0.01 <0.01 <0.01
534-1107	Spi A 00027 6711 Dirmstein	VR 0589/Culpa	S/P March 25 H Aug 24	0.48 0.40 0.32	400 400 400	0.12 0.10 0.08	21/06/82 05/07/82 19/07/82	Berry development	Tubers	<0.01 0.01 <0.01 0.02 <0.01 <0.01	00 07 14 21 28 36	<0.01 0.01 0.02 <0.01 <0.01 <0.01

Sugarbeet Summary data

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Sugarbeet
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	49
Content of a.i.	400g/L (Perfekthion, Roxion), 404 g/L (Rogor)	Page	1/3
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Roxion, Perfekthion, Rogor	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck, C.F. Spiess & Sohn	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
534-5001	2211 Christinenthall	VR 0596 Polybeta	H Sep 28	0.32	-	-	06/07/72 25/07/72	-	r.a.c.	<0.01 <0.01 <0.01 <0.01 <0.01	00 14 28 56 107	<0.01 <0.01 <0.01 <0.01 <0.01
534-5002	152 1182/9A 6703 Limburgerhof	VR 0596 Kawemono	S/P March 24 H >mid of Sep	0.32	400	0.08	24/05/82 28/06/82 30/06/82 08/07/82	After 8 true leaf stage	Top Beet Top Beet Top Beet Top Beet Top Beet Top Beet Top Beet	5.33 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05	00 15 20 28 35	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05

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SCC Project 104-013-03			Crop/crop group		Sugar beet	
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date		April 20, 1993
Country:		Germany		Table		49
Active ingredient		Dimethoate		Page		2/3

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
534-5003	C 824372 6501 Schwabenheim	VR 0596 Kawemono	S/P March 31 H Oct 15	0.32	400	0.08	26/05/82 15/06/82 29/06/82 08/07/82	8 true leaf stage	Leaves	7.16	00	1014
									Plant	<0.02		<0.02
									Leaves	<0.02	14	0.46
									Plant	<0.02		<0.02
									Leaves	<0.02	21	0.22
									Plant	<0.02		<0.02
									Leaves	<0.02	28	0.09
									Plant	<0.02		<0.02
534-5004	152I72/3A	VR 0596 -	H Oct 4	0.32	800	0.04	19/07/72 09/08/72	-	Leaves	<0.02	35	0.05
									Plant	<0.02		<0.02
									Foliage	0.05	14	0.33
									Foliage	<0.02	28	0.05
534-5005	152I72/3A	VR 0596 Monobeta	H Sep 11	0.32	500	0.06	04/07/72 27/07/72	46 days before harvest	Foliage	<0.02	56	<0.02
									Beet	<0.02		<0.02
									Top	2.80	00	0.23
									Beet	<0.02	14	<0.02
									Top	<0.02	14	0.03
									Beet	<0.02	28	<0.02
									Top	<0.02	28	0.03
									Beet	<0.02	42	<0.02
									Top	<0.02	42	<0.02
									Beet	<0.02	56	<0.02
									Top	<0.02	56	<0.02

Note: Table 3/3 was missing

Carrots Summary Data

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)			Active ingredient	Dimethoate
SCC Project 104-013-03			Crop/crop group	Carrots
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:	Germany		Table	34
Content of a.i.	400g/L (Perfekthion, Roxion), 404 g/L (Rogor)		Page	½
Formulation (e.g. WP)	EC		Indoor/outdoor	outdoor
Commercial product (name)	Roxion, Perfekthion, Rogor		Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck, C.F. Spiess & Sohn		Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-0101	15211182/10A 6703 Limburgerhof	VR 0577/ Mokum	S/P April 13 H > July 20	8 (watering)	2000 0 (500 ml/m)	0.04	29/06/82	3 weeks before harvest	r.a.c.	0.59	21	<0.05
										0.38	29	<0.05
										0.20	35	<0.05
										0.12	42	<0.05
										0.06	49	<0.05
533-0102	C827172 6501 Schwabenheim	VR 0577/ Rotin	H Aug 23	8 (watering)	2000 0	0.04	28/06/82	-	r.a.c.	<0.02	21	0.06
										<0.02	28	<0.02
										<0.02	35	<0.02
										<0.02	42	<0.02
										<0.02	49	<0.02
<0.02	56	<0.02										
533-0103	003288 7801 Mengan	VR 0577/ Hilds Fanal	S/P March 12 H July 10	8 watering 0.24 spray 0.24 spray	2000 0	0.04	21/05/82	Full maturity	r.a.c.	<0.01	00	<0.01
					600		0.04			<0.01	07	<0.01
										<0.01	14	<0.01
										<0.01	21	<0.01
										<0.01	28	<0.01
<0.01	35	<0.01										
533-0104	003289 7752 Reichenau	VR 0577/ Nantaise	S/P March 15 H July 07	8 watering 0.24 spray 0.24 spray	2000 0	0.04	21/05/82	Full maturity	r.a.c.	<0.01	00	<0.01
					600		0.04			<0.01	07	<0.01
										<0.01	14	<0.01
										<0.01	21	<0.01
										<0.01	28	<0.01
<0.01	35	<0.01										

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SCC Project 104-013-03		Crop/crop group	Carrots
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	34
Active ingredient	Dimethoate	Page	2/2

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-0105	2300 Kiel	VR 0577/ Lange stampe oline Herz	-	8 water-ing	500 ml/m 2000 0	0.04	09/08/73 29/08/73	-	r.a.c.	0.06 0.05	28 42	<0.01 <0.01

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Radish
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	35
Content of a.i.	400 g/L (Perfekthion, Roxion), 404 g/L (Rogor)	Page	1/3
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion, Roxion, Rogor	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck, C.F. Spiess & Sohn	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-0401	Perfekthion 74/8A 6707 Scifferstadt	VR 0494/ Weißer Neckar ruhm	H June 12	2 drenchi ng	5000	0.04	23/04/74 22/05/74	3 weeks before harvest	r.a.c.	2.14 0.79 0.54 <0.1	00 07 13 20	<0.02 0.09 0.10 <0.02
533-0402	A 17/66 6501 Schwabenham	VR 0494	H Oct 26	0.16 g/m	0.4 L/m	0.04	05/10/66	-	r.a.c.	0.19 <0.09 <0.09	21 21 21	← trial 1
							07/09/66 05/10/66		r.a.c.	0.12 <0.09 <0.09	21 21 21	← trial 2
533-0403	10171 3300 Braunschweig	VR 0494/ April Cross	H Aug 3	0.2 g/m	0.5 L/m	0.04	06/07/88	☞ roots 1-3 cm	r.a.c.	3.2 2.9 1.9 0.2 <0.1	00 07 14 21 28	<0.01 <0.01 <0.01 <0.01 <0.01
533-0404	10172 3300 Braunschweig	VR 0494/ Rex	S/P May 24 H July 18	0.2 g/m	0.5 L/m	0.04	20/06/88	☞ roots: 1 cm	Root + foliage Root Root Root Root	3.1 1.9 2.0 0.3 0.2	00 07 14 21 28	0.30 <0.10 <0.10 <0.10 <0.10

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SCC Project 104-013-03			Crop/crop group		Radish
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date		April 20, 1993
Country:		Germany	Table		35
Active ingredient		Dimethoate	Page		2/3

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-0405	10173 8000 München 19	VR 0494/ Rex	S/P May 26 H July 18	0.2 g/m	0.5 L/m	0.04	27/06/88	☼ roots: 1cm	r.a.c.	11 2.7 1.4 0.5 0.	00 07 14 21 28	0.20 <0.10 <0.10 <0.10 <0.10
533-0406	10174 6630 Saarlouis-Lisdorf	VR 0494/ April Cross	S/P April 23 H June 14	0.2 g/m	0.5 L/m	0.04	24/05/88	☼ roots: 1 cm	Root +foliage Root Root Root Root	26 1.4 0.8 0.3 <0.1	00 07 14 21 28	0.60 <0.01 <0.01 <0.01 <0.01
533-0407	10175 6500 Mainz-Bretzenhelm	VR 0494/ Minora se Summe r-cross Nr 3	S/P May 5 H July 5	0.2 g/m	0.5 L/m	0.04	08/06/88	☼ roots: 1 cm	Root	2.8 3.1 0.5 <0.1 <0.1	00 07 14 21 27	<0.01 <0.01 <0.01 <0.01 <0.01
533-0408	10176 7761 Moos 3	VR 0494/ Neckar ruhm	S/P Aug 24 H Oct 10	5 drenching	12500	0.04	12/09/88	6 true leaf stage	Root+ foliage Root+ foliage Root Root Root	59 2.1 1.1 0.4 0.2	00 07 14 21 28	0.30 0.10 <0.10 <0.10 <0.10

SCC Project 104-013-03		Crop/crop group	Radish
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	35
Active ingredient	Dimethoate	Page	3/3

[illegible]

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RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Onions
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	36
Content of a.i.	400 g/L (Perfekthion, Roxion), 404 g/L (Rogor)	Page	1/2
Formulation (e.g. WP)	EC	Indoor/outdoor	Outdoor
Commercial product (name)	Rogor, Perfekthion, Roxion	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck, C.F. Spiess & Sohn	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-1201	76/2A 2050 Hamburg-Kirchwerder	VA 0385/ Allround	-	-		0.04 0.04	29/05/75 19/08/75	-	r.a.c.	0.02 0.31 0.14 0.04	00 07 14 21	<0.01 0.02 <0.01 <0.01
533-1202	75/3A 6703 Limburgerhof	VA 0385/ Rocket	H Aug 06	6.4 drench 0.24 spray	1666 6 600	0.04 0.04	23/05/75 16/07/75	Ripening phase	r.a.c.	0.19 0.01 <0.02 <0.02	00 07 14 21	-
533-1203	152 11182/7A 6703 Limburgerhof	VA 0385/	H Sep 9	8 Watering 0.24 spray	2000 0 6000	0.04 0.04	18/05/75 06/08/82	14 days before harvest	r.a.c.	0.20 <0.05 <0.05 <0.05 <0.05	00 07 14 21 28	<0.05 <0.05 <0.05 <0.05 <0.05
533-1204	C 82 72 72 6501 Schwabenheim	VA 0385/ Zittauer Gelbe	S/P April 13 H Aug 30	0.2 g/m Drench 0.2 g/m Drench 0.24 spray	500 ml/m 500 ml/m 600	0.04 0.04 0.04	17/05/82 28/05/82 02/08/82	3 weeks before harvest	Onion	0.02 <0.02 <0.02 <0.02 <0.02	00 07 14 21 28	<0.02 <0.02 <0.02 <0.02 <0.02

SCC Project 104-013-03			Crop/crop group		Onions
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:		Germany		Table	36
Active ingredient		Dimethoate		Page	2/2

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-1205	C 7570 6501 Schwabenheim	VA 0385/ Zittauer Gelbe Riesen	H Sep 25	0.24	600	0.04	04/09/75	Begin of harvest	r.a.c.	0.12 0.10 <0.02 <0.02	00 07 14 21	<0.02 <0.02 <0.02 <0.02
533-1206	35/75 6507 Schwabenheim	VA 0385/ Zittauer Gelbe Riesen	H Sep 12	0.2 g/m Drench 0.2 g/m drench	500m l/m 500 ml/m	0.04 0.04	09/05/74 22/08/74	-	r.a.c.	0.04 0.08 0.04 <0.02	00 07 14 21	<0.02 <0.02 <0.02 <0.02
533-1207	15211182/7A 6703 Limburgerhof	VA 0385/ Ontario	S/P March 26 H Aug 20									
533-1208	Spi 003296 7814 Gündlingen	VA 0385/ Hyper	S/P March 22 H > mid of Aug	8 Drench 8 drench 0.24 Spray	500 ml/m 500 ml/m 600	0.04 0.04 0.04	21/05/82 01/06/82 02/08/82	Full maturity	Onion	0.01 <0.01 <0.01 <0.01 <0.01	00 07 14 21 28	<0.01 <0.01 <0.01 <0.01 <0.01
533-1209	Spi 003297 7752 Reichenau	VA 0385/ Hyper	S/P March 26 H > Aug 15	8 Drench 8 Drench 0.24 Spray	500 ml/m 500m l/m 600	0.04 0.04 0.04	21/05/82 01/06/82 02/08/82	Full maturity	Onion	0.01 <0.01 <0.01 <0.01 <0.01	00 07 14 21 28	<0.01 <0.01 <0.01 <0.01 <0.01

2.9 Other fruiting vegetables

TOMATOES

CHA Doc. No. 448 DMT; Wilson, A; Residue study (Decline curve) with an EC Formulation containing 400 g/L dimethoate applied to tomatoes in Spain and Italy in 2000; 2001.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Tomatoes / fruiting vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Italy, Spain	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 448 DMT, Italy, Spain	Tomatoes, 690 (Stagno Lombardo, Italy)	28/05/00 (Planting) 17/08/00 (Harvest)	Backpack boom	0.10 kg ai/100 L	Water 615, 607 L/ha	0.639, 0.631 kg a.i./ha	13/07/00 27/07/00	BBCH 72	Fruit	0 7 14 21 28	0.30 0.01 <0.002 <0.002 <0.002	0.02 <0.01 <0.01 <0.01 <0.002	Controls <0.002 mg/kg, dimethoate recoveries
	Tomatoes, PS1296 (Mulazzano Lodi, Italy)	02/06/00 (Planting) 18/08/00 (Harvest)	Backpack boom	0.10 kg ai/100 L	Water 607, 609 L/ha	0.631, 0.633 kg a.i./ha	14/07/00 28/07/00	BBCH 72	Fruit	0 7 14 21 28	0.65 0.02 <0.01 <0.002 <0.002	0.02 0.02 0.02 0.01 <0.01	88 – 104%, omethoate recoveries
	Tomatoes, Bodar (Miranda, Spain)	5/04/00 (Planting) 19/06/00	Backpack lance	0.10 kg ai/100	Water 598, 596	0.621, 0.619 kg	14/05/00 29/05/00	BBCH 73	Fruit	0 7 14	0.33 0.01 <0.002	0.02 0.02 0.02	78 – 88%, samples stored for up to 24

		(Harvest)		L	L/ha	a.i./ha				21 28	<0.002 <0.002	<0.01 <0.01	weeks before analysis.
	Tomatoes, Brillante (Albujón, Spain)	18/05/00 (Planting) 18/07/00 (Harvest)	Backpack lance	0.10 kg ai/100 L	Water 591, 618 L/ha	0.614, 0.642 kg a.i./ha	15/06/00 28/06/00	BBCH 81	Fruit	0 8 13 20 27	0.38 0.02 <0.01 <0.002 <0.002	0.03 0.04 0.03 0.01 <0.01	

CHA Doc. No. 480 DMT; Wilson, A.; Residue study (at harvest) with an EC formulation containing 400 g/L dimethoate applied to tomatoes in Spain and Italy in 2001; 2002.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Tomatoes / Fruiting vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Italy, Spain	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 480 DMT; Italy, Spain	Tomatoes, Rufus (Fiorenzuola, Italy)	4/05/01 (Planting) 22/08/01 (Harvest)	Backpack boom	0.10 kg ai/100 L	Water 604, 601 L/ha	0.627, 0.625 kg a.i./ha	16/07/01 30/07/01	BBCH 82	Fruit	0 23	0.3 <0.002	<0.01 <0.01	Controls <0.002 mg/kg, dimethoate recoveries 74 – 100%, omethoate recoveries 71 – 72%, samples stored for
	Tomatoes, Isola (Mulazzano, Italy)	22/05/01 (Planting) 16/08/01 (Harvest)	Backpack boom	0.10 kg ai/100 L	Water 597, 600 L/ha	0.621, 0.623 kg a.i./ha	12/07/01 26/07/01	BBCH 73/74	Fruit	0 21	0.37 <0.002	0.02 <0.01	
	Tomatoes, Rolleta (El Pinoso, Spain)	1-7/05/01 (Planting) 15/08/01 (Harvest)	Backpack lance	0.10 kg ai/100 L	Water 600, 619 L/ha	0.624, 0.643 kg a.i./ha	11/07/01 25/07/01	BBCH 702	Fruit	0 21	0.34 <0.002	0.02 <0.01	

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	Tomatoes, Lustro (Mazarrón, Spain)	3/06/01 (Planting) 15/08/01 (Harvest)	Backpack lance	0.10 kg ai/100 L	Water 597, 628 L/ha	0.620, 0.653 kg a.i./ha	11/07/01 25/07/01	BBCH 702	Fruit	0 21	0.29 <0.002	0.02 <0.01	up to 13 weeks before analysis.
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CHA Doc. No. 134 DMT; Pistel, F.; DTF Doc. No. 581-003. Dimethoate Residue Trials within the EC Member States; 1993.

Note : this report contained summary data only – no details were provided on methods, recoveries or storage stability.

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Tomatoes
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	37
Content of a.i.	404 g/L (Rogor), 400 g/L (Perfekthion, Roxion)	Page	1/ 4
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Rogor, Perfekthion, Roxion	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck, C.F. Spiess & Sohn	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-2001	76/317 2211 Christinenthal	VO 0448/ Frembgens Rheinlands Ruhm	H Sep 23	-	-	0.04	11/08/75 15/09/75	-	r.a.c.	0.91 0.51 0.42 0.22	00 01 03 08	0.08 0.04 0.04 0.07
533-2002	15211183/4A 6703 Limburgerhof	VO 0448/ Surprise	H July 12	0.48	1200	0.04	09/06/83 22/06/83 05/07/83	E (majority of blossoms still in the bud)	r.a.c.	0.72 0.33 0.20 <0.05 0.11	00 01 03 05 07	<0.05 <0.05 <0.05 <0.05 <0.05
533-2003	Perfekthion 75/2A 6703 Limburgerhof	VO 0448/ Panese	H July 18	0.4	1000	0.04	23/05/75 13/06/75 04/07/75	Begin of harvest	r.a.c.	0.16 0.05 0.03 <0.01	00 04 07 14	0.04 0.05 0.07 0.03
533-2004	25/75 6501 Schwabenheim	VO 0448/ Tip Top	H Sep 16	-	-	0.04	30/08/74 09/09/74	Shortly before tomatoes are ripe for picking	r.a.c.	0.73 0.23 0.15 0.06	00 01 03 07	0.07 0.06 0.05 0.07

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SCC Project 104-013-03			Crop/crop group		Tomatoes
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date		April 20, 1993
Country:	Germany		Table		37
Active ingredient	Dimethoate		Page		2/ 4

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-2005	Perfekthion 74/5 6703 Limbergerhof	VO 0448/ MM nova	H July 01	0.4	1000	0.04	09/04/74 21/05/74 10/06/74	Begin of harvest	r.a.c.	0.19 0.12 0.10 0.05 <0.02	00 03 07 14 21	0.03 0.06 0.12 0.16 0.02
533-2006	2000 Hamburg-Curslack	VO 0448/ Frühzauber	H Sep 08	-	-	0.04	01/08/75 02/09/75	Full maturity	r.a.c.	0.12 0.13 0.31 0.14	00 01 02 06	0.02 0.06 0.03 0.07
533-2007	C 7571 6501 Schwabenheim	VO 0448/ Tip Top	H Sep 4	0.4	1000	0.04	28/07/75 28/08/75	Begin of ripening phase	r.a.c.	0.50 0.25 0.08 0.12	00 01 04 07	0.03 0.03 0.03 0.05
533-2008	6501 Schwabenheim	VO 0448/ Tip Top	H Sep 16	-	-	0.04	30/08/74 09/09/74	-	r.a.c.	0.73 0.23 0.15 0.06	00 01 03 07	0.07 0.06 0.05 0.07
533-2009	C 7565 6501 Schwabenheim	VO 0448/ Tip Top	H July 24	0.4	1000	0.04	28/05/75 19/06/75 10/07/75	First tomatoes are ripe	r.a.c.	0.36 0.05 0.02 <0.02	00 04 07 14	0.07 0.05 0.06 0.05
533-2010	15211182/5A 6703 Limburgerhof	VO 0448/ MMuos a	S/P May 5 F May H Aug-Sep	0.72	1800	0.04	19/07/82 02/08/82 16/08/82	Full maturity	Tomatoes	0.26 0.53 0.41 0.24 0.14	00 01 03 05 07	0.09 0.14 0.13 0.12 0.12

SCC Project 104-013-03			Crop/crop group		Tomatoes
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date		April 20, 1993
Country:		Germany	Table		37
Active ingredient		Dimethoate	Page		3/ 4

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-2011	Spi A 00085 7801 Opfingen	VO 0448/ Estrella	S/P April 17 H > June 26	0.84	2100	0.04	28/06/82 05/07/82 13/07/82	Begin of ripening phase	Tomatoes	0.09 0.06 0.01 <0.01 <0.01	00 01 03 05 07	<0.01 0.03 0.01 0.02 <0.01
533-2012	C827372/ 10079 5300 Bonn	VO 0448/ Luca	S/P May 11 F end of May H > mid of July	0.72 0.72 0.84	1800 1800 2100	0.04	27/07/82 12/08/82 25/08/82	10 flowers faded	Tomatoes	1.57 1.31 0.80 0.91 0.59	00 01 03 05 07	0.29 0.43 0.32 0.39 0.36
533-2013	C831321/1009 7 5300 Bonn	VO 0448/ Hellfrucht	S/P June 3 F June 27 H > begin of Aug	0.36 0.48 0.48	900 1200 1200	0.04 0.04 0.04	11/07/83 25/07/83 08/08/83	Full maturity	Tomatoes	0.06 0.06 0.04 <0.02 <0.02	00 01 03 05 07	<0.02 0.03 0.03 0.03 <0.02
533-2014	C 831326 6000 Frankfurt	VO 0448/ Angela	S/P March 14 F May 20 H Aug 1	0.48	1200	0.04	27/06/83 11/07/83 25/07/83	3 days before harvest	Tomatoes	0.08 0.08 0.06 0.06 0.07	00 01 03 05 07	0.21 0.16 0.09 0.04 0.04
533-2015	15211183/4A 6703 Limburgerhof	VO 0448/ Surprise	S/P April 8 F ca April 8 H June 8	0.48	1200	0.04	09/06/83 22/06/83 05/07/83	E (majority of the blossoms still in the bud)	Tomatoes	0.72 0.33 0.20 <0.05 0.11	00 01 03 05 07	<0.05 <0.05 <0.05 <0.05 <0.05

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SCC Project 104-013-03		Crop/crop group	Tomatoes
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	37
Active ingredient	Dimethoate	Page	4/ 4

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-2016	SPI 003352 7801 Opfingen	VO 0448 Luca	H July 15	0.44	1200	0.04	20/06/83 24/06/83 08/07/83	-	r.a.c.	0.36	00	0.16
										0.19	01	0.16
										0.19	03	0.14
										0.12	05	0.14
										0.02	07	0.08

2.10 Brassica vegetables

CABBAGE

CHA Doc. No. 407 DMT; Schulz, H.; Determination of the residues of dimethoate and omethoate in white cabbage (RAC and cooked) and water – validation of the method; 2000

This study contains method validation data only, no residue trials were presented.

CHA Doc. No. 360 DMT; Harrison, C.; Final report on Project AK/3377/CN : Study to determine the magnitude of residue of dimethoate and omethoate in cabbage following 6 sequential field applications of Danadim Dimethoate 40 in the United Kingdom; 1998.

Active Substance (common name):	Dimethoate	Commercial Product name:	Danadim
Crop/Crop Group:	Cabbage / Brassica vegetables	Producer of Commercial Product:	Cheminova Agro A/S
Responsible body for Reporting (name, address):	Agrisearch	Indoor/Glasshouse/Other:	Field
Country:	UK	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 360 DMT, UK	Cabbage, Compacta, (Worcestershire)	19/07/96 (sowing) 11/11/96 (harvest)	Foliar spray	0.067kg ai/100 L	Water 600 L/ha	0.4 kg a.i./ha	6 (7 day intervals) 21/10/96	BBCH 45	Whole plant / trimmed head	0 3 7 14 21	5.02 2.81 0.29 0.67 0.20	0.65 0.89 0.29 0.64 0.36	Dimethoate residues up to 0.03 mg/kg in controls; Dimethoate
	Cabbage,	1/07/96	Foliar	0.067kg	Water	0.4 kg	6 (7 day	BBCH 43	Whole	0	4.60	0.81	

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	Winchester (Leicestershire)	(sowing) 23/10/96 (harvest)	spray	ai/100 L	600 L/ha	a.i./ha	intervals) 02/10/96		plant / trimmed head	3 7 14 21	3.87 1.20 0.34 0.25	1.53 0.63 0.30 0.46	recoveries 77 - 111%, omethoate recoveries 71 – 113%; Samples extracted within 153 days of harvest
	Cabbage, Compacta (Derbyshire)	1/09/96 (sowing) 9/12/96 (harvest)	Foliar spray	0.067kg ai/100 L	Water 600 L/ha	0.4 kg a.i./ha	6 (7 day intervals) 18/11/96	BBCH 47	Whole plant / trimmed head	0 3 7 14 21	5.27 2.72 1.05 0.82 0.99	0.29 0.29 0.15 0.22 0.35	
	Cabbage, Winchester (East Lothian)	29/07/96 (sowing) 27/09/96 (harvest)	Foliar spray	0.067kg ai/100 L	Water 600 L/ha	0.4 kg a.i./ha	6 (7 day intervals) 6/09/96	BBCH 49	Whole plant / trimmed head	0 3 7 14 21	1.94 2.48 0.25 0.11 0.04	0.30 0.68 0.05 0.07 0.03	
	Cabbage, Tundra (Kent)	5/05/97 (sowing) 30/10/97 (harvest)	Foliar spray	0.067kg ai/100 L	Water 600 L/ha	0.4 kg a.i./ha	6 (7 day intervals) 9/10/97	BBCH 45-47	Whole plant / trimmed head	0 3 7 14 21	2.94 0.52 0.07 0.05 0.06	0.58 0.30 <0.01 <0.01 0.02	
	Cabbage, Krypton (Lincolnshire)	30/05/97 (sowing) 11/10/97 (harvest)	Foliar spray	0.067kg ai/100 L	Water 600 L/ha	0.4 kg a.i./ha	6 (7 day intervals) 20/09/97	BBCH 47	Whole plant / trimmed head	0 3 7 14 21	0.68 0.55 0.14 0.04 0.02	0.13 0.19 0.04 0.02 0.02	
	Cabbage, Compacta (Derbyshire)	25/08/97 (sowing) 07/11/97 (harvest)	Foliar spray	0.067kg ai/100 L	Water 600 L/ha	0.4 kg a.i./ha	6 (7 day intervals) 17/10/97	BBCH 41	Whole plant / trimmed head	0 3 7 14 21	2.78 1.52 0.82 0.71 0.23	0.11 0.25 0.28 0.25 0.17	
	Cabbage, Tundra (Aberlady)	28/06/97 (sowing) 28/10/97 (harvest)	Foliar spray	0.067kg ai/100 L	Water 600 L/ha	0.4 kg a.i./ha	6 (7 day intervals) 7/10/97	BBCH 45	Whole plant / trimmed head	0 3 7 14 21	0.85 0.7 0.04 0.01 0.01	0.27 0.38 0.02 <0.01 0.01	

CAULIFLOWER

CHA Doc. No. 358 DMT; Harrison, C.; Study to determine the magnitude of residue of dimethoate and omethoate in cauliflower following 6 sequential field applications of danadim dimethoate 40 in the United Kingdom : Final report on project AK/3378/CN; 1998.

Active Substance (common name):	Dimethoate	Commercial Product name:	Danadim
Crop/Crop Group:	Cauliflower / Brassica vegetables	Producer of Commercial Product:	Cheminova Agro A/S
Responsible body for Reporting (name, address):	Agrisearch	Indoor/Glasshouse/Other:	Field
Country:	UK	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 358 DMT UK	Cauliflower, Balmoral, (Kent)	17/07/96 (sowing) 28/11/96 (harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 (L/ha)	0.4 kg a.i./ha	6 (at 7 day intervals) 07/11/96	BBCH 49	Curd	0 3 7 14 21	0.51 0.44 0.34 0.21 0.11	<0.01 <0.01 0.01 <0.01 <0.01	Controls <0.01 mg/kg, Dimethoate recoveries 84 – 112%, omethoate recoveries 69 – 109%, samples stored for up to 153 days prior to analysis.
	Cauliflower, Dova (Derbyshire)	29/07/96 (sowing) 17/12/96 (harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 (L/ha)	0.4 kg a.i./ha	6 (at 7 day intervals) 26/11/96	BBCH 43-45	Curd	0 3 7 14 21	0.06 0.02 0.03 0.03 0.02	<0.01 <0.01 <0.01 <0.01 <0.01	
	Cauliflower, White rock (Lincolnshire)	14/06/96 (sowing) 24/09/96 (harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 (L/ha)	0.4 kg a.i./ha	6 (at 7 day intervals) 03/09/96	BBCH 45-47	Curd	0 3 7 14 21	0.37 0.42 0.11 0.02 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	
	Cauliflower, Fargo (East Lothian)	June 1996 (sowing) 10/10/96 (harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 (L/ha)	0.4 kg a.i./ha	6 (at 7 day intervals) 26/09/96	BBCH 47-49	Curd	0 3 7 14	0.3 0.19 0.09 0.05	<0.01 <0.01 <0.01 <0.01	
	Cauliflower, Aviso (Kent)	10/07/97 (sowing)	Foliar spray	0.067 kg	Water 600	0.4 kg a.i./ha	6 (at 7 day intervals)	BBCH 45	Curd	0 3	0.12 0.02	<0.01 <0.01	

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		9/10/97 (harvest)		ai/100 L	(L/ha)		18/09/97			7 14 21	0.02 <0.01 <0.01	<0.01 <0.01 <0.01	
	Cauliflower, White Rock, (Tamworth)	14/05/97 (sowing) 10/08/97 (harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 (L/ha)	0.4 kg a.i./ha	6 (at 7 day intervals) 20/07/97	BBCH 49	Curd	0 3 7 14	0.7 0.27 0.09 0.02	0.03 0.01 <0.01 <0.01	
	Cauliflower, Tulchan (Lincolnshire)	March 1997 (sowing) 11/10/97 (harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 (L/ha)	0.4 kg a.i./ha	6 (at 7 day intervals) 20/09/97	BBCH 43-45	Curd	0 3 7 14 21	0.05 0.04 0.04 0.03 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	
	Cauliflower, Fargo (East Lothian)	02/06/97 (sowing) 21/10/97 (harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 (L/ha)	0.4 kg a.i./ha	7 (at 7 day intervals) 30/09/97	BBCH 43	Curd	0 3 7 14 21	0.04 0.02 0.02 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	

CHA Doc. No. 358 DMT suppl-1; Harrison, C.; Supplement to the study : Study to determine the magnitude of residue of dimethoate and omethoate in cauliflower following 6 sequential field applications of danadim dimethoate 40 in the United Kingdom : Final report on project AK/3378/CN; 1998.

This supplement to the previous study calculated the mean recovery and standard deviation for various fortification levels in the previous study. Results are tabulated below:

Dimethoate fortification level (mg/kg)	0.01	0.2	5
Mean value (%)	102	94	88
Standard deviation (%)	9.2	8.5	2.8
Relative standard deviation (%)	9.1	9.0	3.2

Omethoate fortification level (mg/kg)	0.01	0.2	5
Mean value (%)	95	97	72
Standard deviation (%)	2.8	4.9	3.5
Relative standard deviation (%)	3.0	5.1	4.9

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CHA Doc. No. 359 DMT; Final report on project AK/3379/CN : Study to determine the magnitude of residue of dimethoate and omethoate in Brussels Sprout following 6 sequential field applications of danadim dimethoate 40 in the United Kingdom, 1998.

Active Substance (common name):	Dimethoate	Commercial Product name:	Danadim
Crop/Crop Group:	Brussels sprouts / Brassica vegetables	Producer of Commercial Product:	Cheminova Agro A/S
Responsible body for Reporting (name, address):	Cheminova Agro A/S	Indoor/Glasshouse/Other:	Field
Country:	UK	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 359 DMT, UK	Brussels sprout, Top line (Lincolnshire)	15/05/96 (Sowing) 20/11/96 (Harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 L/ha	0.40 kg a.i./ha	6 (at 7 day intervals) 30/10/96	BBCH 49	Buttons	0 3 7 14 21	0.45 0.21 0.11 0.03 0.02	0.02 0.02 0.02 <0.01 0.01	Controls : dimethoate up to 0.14 mg/kg, omethoate 0.05 mg/kg (trial 2), Dimethoate recoveries 79 – 111%, omethoate recoveries 71 – 114%, Samples stored for up to 145 days before analysis.
	Brussels sprout, Oliver (Lincolnshire)	7/05/96 (Sowing) 24/09/96 (Harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 L/ha	0.40 kg a.i./ha	6 (at 7 day intervals) 3/09/96	BBCH 45	Buttons	0 3 7 14 21	0.62 0.38 0.17 0.06 0.04	0.04 0.04 0.06 0.03 0.01	
	Brussels sprout, Revenge (Lincolnshire)	29/05/96 (Sowing) 4/12/96 (Harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 L/ha	0.40 kg a.i./ha	6 (at 7 day intervals) 13/11/96	BBCH 49	Buttons	0 3 7 14 21	0.30 0.10 0.10 0.11 0.03	0.04 0.02 <0.01 <0.01 <0.01	
	Brussels sprout, Ottoline (East Lothian)	May 1996 (Sowing) 7/11/96 (Harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 L/ha	0.40 kg a.i./ha	6 (at 7 day intervals) 17/10/96	BBCH 49	Buttons	0 3 7 14 21	0.31 0.33 0.17 0.10 0.06	0.05 0.05 0.04 0.04 0.03	
	Brussels sprout,	30/05/97	Foliar	0.067	Water	0.40	6 (at 7 day	BBCH 43	Buttons	0	0.18	0.03	

	Cavalier (Kent)	(Sowing) 30/10/97 (Harvest)	spray	kg ai/100 L	600 L/ha	kg a.i./ha	intervals) 0/10/97			3 7 14 21	0.08 0.07 0.03 0.02	0.02 0.03 0.02 0.02	
	Brussels sprout, Diablo (Lincolnshire)	28/05/97 (Sowing) 01/11/97 (Harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 L/ha	0.40 kg a.i./ha	6 (at 7 day intervals) 11/10/97	BBCH 45	Buttons	0 3 7 14 21	0.23 0.17 0.08 0.04 0.02	0.03 0.03 0.03 0.03 0.02	
	Brussels sprout, Top line (Lincolnshire)	05/06/97 (Sowing) 10/12/97 (Harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 L/ha	0.40 kg a.i./ha	6 (at 7 day intervals) 19/11/97	BBCH 45	Buttons	0 3 7 14 21	0.40 0.23 0.21 0.11 0.04	0.06 0.04 0.08 0.07 0.04	
	Brussels sprout, Ottoline (East Lothian)	May 1997 (Sowing) 14/10/97 (Harvest)	Foliar spray	0.067 kg ai/100 L	Water 600 L/ha	0.40 kg a.i./ha	6 (at 7 day intervals) 23/09/97	BBCH 45	Buttons	0 3 7 14 21	1.11 0.88 0.46 0.10 0.03	0.13 0.13 0.17 0.11 0.07	

CHA Doc. No. 359 DMT suppl. 1; Harrison, C.; Supplement to the study: Final report on project AK/3379/CN : Study to determine the magnitude of residue of dimethoate and omethoate in Brussels Sprout following 6 sequential field applications of danadim dimethoate 40 in the United Kingdom, 1999.

This supplement to the previous study calculated the mean recovery and standard deviation for various fortification levels in the previous study. Results are tabulated below:

Dimethoate fortification level (mg/kg)	0.01	0.2	5
Mean value (%)	108	102	91
Standard deviation (%)	0	0.7	4.9
Relative standard deviation (%)	0	0.7	5.5

Omethoate fortification level (mg/kg)	0.01	0.2	5
Mean value (%)	103	102	89
Standard deviation (%)	4.2	0.7	16.3
Relative standard deviation (%)	4.1	0.7	18.4

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CHA Doc. No. 134 DMT; Pistel, F.; DTF Doc. No. 581-003. Dimethoate Residue Trials within the EC Member States; 1993.

Note : this report contained summary data only – no details were provided on methods, recoveries or storage stability.

CAULIFLOWER

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Cauliflower
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	38
Content of a.i.	400 g/L (Perfekthion, Roxion), 404 g/L (Rogor)	Page	1 /2
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion, Rogor, Roxion	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck, C.F. Spiess & Sohn	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3101	Perfekthion 75/1A 6703 Limburgerhof	VB 0404/ Candor	H May 16	1.4 drench 0.4 Spray	80 ml/plant 1000	0.04 0.04	14/03/75 25/04/75	Begin curd formation	r.a.c.	0.70 0.09 0.04 <0.02	00 07 14 21	
533-3102	Perfekthion 74/3A 6703 Limburgerhof	VB 0404/ Malinus	H June 11	0.32 drench 0.32 spray	800 800	0.04 0.04	02/04/74 21/05/74	3 weeks before harvest	r.a.c.	0.22 0.10 0.13 0.05	00 07 14 21	-
533-3103	A 4/69 6501 Schwabenheim	VB 0404/ Marktstolz	H July 24	32 mg /plant Drench 32 mg /plant Drench	80 ml /plant 80 ml. /plant	0.04 0.04	2 applications last date: June 1969	-	Cauliflower	0.03 0.02 0.02 0.02	25 30 35 42	<0.02
533-3104	2300 Kiel	VB 0404/ Delfter Markt	H Sep 18	80 ml /plant 80 ml /plant	600 600	0.04 0.04	08/08/73 28/08/73	-	Cauliflower	1.20 0.31 0.17 0.01	00 07 14 21	0.15 <0.01 <0.01 <0.01

SCC Project 104-013-03			Crop/crop group		Cauliflower
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:		Germany		Table	38
Active ingredient		Dimethoate		Page	2 /2

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3105	39/73 6501 Schwabenheim	VB 0404/Candor	H July 5	80 mg /plant	80 ml /plant	0.04	03/05/73	End of ripening phase	Cauliflower	0.80	00	<0.02
				0.4 kg/ha	3100 L/ha	0.04	24/05/73			0.04	07	0.03
				spray						<0.02	14	0.03
				0.4 kg/ha spray	3100 L/ha	0.04	14/06/73			<0.02	21	0.05
533-3106	9/74 6501 Schwabenheim	VB 0404/Candor	H Aug 14	80 mg /plant	80 ml /plant	0.04	03/07/73	End of ripening phase	Cauliflower	2.97	00	0.22
				0.4 kg/ha	2100 L/ha	0.04	24/07/73			1.37	07	0.23
				spray						0.10	14	0.05
										<0.02	21	0.02
533-3108	Perfekthion 74/4A 6703 Limburgerhof	VB 0404/Malinus	H June 11	0.32	800	0.04	29/04/74	-	Cauliflower	0.78	00	-
							21/05/74			0.30	07	
										0.18	14	
										0.10	21	
533-3107	C 7501 6501 Schwabenheim	VB 0404/Lukra	H June 18	32 mg /plant	80 ml /plant	0.04	11/04/75	Formation of head	Cauliflower	0.78	00	-
				Drench						0.14	07	
				dripping wet	Dripping wet	0.04	28/05/75			0.05	14	
				spray						0.05	21	

BRUSSELS SPROUTS

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Brussels sprouts
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	39
Content of a.i.	400 g/L	Page	1 /1
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion	Other a.i. in formulation	None
Producer of commercial product	BASF	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commo dity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3201	Perfekthion 74/10A 6703 Limburgerhof	VB 0402/ Lancel ot	H Nov 1	0.32	800	0.04	04/07/74 Drench 04/10/74 Spray	2 weeks before harvest	r.a.c.	0.20 0.12 0.06 0.02 <0.02	00 07 14 21 28	-
533-3202	15211I82/15A 5357 Swisttal	VB 0402/ Cor valiant	S/P April 6 H Sep 28	0.24 0.24 0.36	600 600 600	0.04 0.04 0.04	20/07/82 02/08/82 14/09/82	Brussels sprouts 2.5 cm 14 days before harvest	Brussels Sprout	0.23 0.11 0.08 <0.05 <0.05	00 03 07 14 21	0.19 0.16 0.18 0.16 0.15
533-3203	15211 I82/14A 8300 Landshut	VB 0402/ Prinz Ascold	H Oct 25	0.24 0.24 0.36	600 600 900	0.04 0.04 0.04	10/08/82 24/08/82 04/10/82	Approx. 80 cm high plant	r.a.c.	0.20 0.14 <0.05 <0.05 <0.05	00 03 07 14 21	0.37 0.28 0.61 0.30 0.41
533-3204	15211I82/13A 6703 Limburgerhof	VB 0402 Sprout Harald	H Oct 29	0.24 0.24 0.24	600 600 900	0.04 0.04 0.04	19/07/82 02/08/82 08/10/82	-	r.a.c.	1.30 0.32 0.26 0.11 0.05 0.09	00 03 04 07 14 21	0.15 0.15 0.15 0.13 0.09 0.18

WHITE CABBAGE

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	White cabbage
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	40
Content of a.i.	400 g/L (Perfekthion), 404 g/L (Rogor)	Page	1 /1
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion, Rogor	Other a.i. in formulation	None
Producer of commercial product	BASF, C.F. Spiess & Sohn	Residues calculated as	Dimethoate or Omethoate

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DTF Doc. No.	Report-No. Location incl. Postal Code	Commo dity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3301	Perfekthion 74/1A 6703 Limburgerhof	VB 0041/ Dithma rscher Allerfrü hester	H 11 June	0.32	800	0.04	29/04/74 drench 21/05/74 Spray	Head formation	r.a.c.	1.93 0.16 0.07 <0.02	00 07 14 21	-
533-3302	Perfekthion 74/2A 6703 Limburgerhof	VB 0041/ Dithma rscher AllerFr ühester	H 11 June	0.32	800	0.04	20/04/74 Drench 21/05/74 Spray	Head formation	r.a.c.	0.19 0.14 <0.02 <0.02	00 07 14 21	-
533-3303	2300 Kiel	VB 0041 Septem ber Weiß- kohl	H 18 Sep	32 mg /plant	80 ml /plant	0.04	08/08/73 28/08/73	-	r.a.c.	1.75 0.02 0.02 <0.01	00 07 14 21	0.39 0.01 0.02 <0.01

SAVOY CABBAGE

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)			Active ingredient	Dimethoate
SCC Project 104-013-03			Crop/crop group	Savoy Cabbage
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:	Germany		Table	41
Content of a.i.	400 g/L(Perfekthion), 404 g/L Rogor		Page	1 /6
Formulation (e.g. WP)	EC		Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion, Rogor		Other a.i. in formulation	None
Producer of commercial product	BASF, C.F. Spiess & Sohn		Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3501	15211182/2A 6703 Limburgerhof	VB 0403	H 9 July	20 mg/m water		0.07	06/06/82	Formation of head	r.a.c.	0.68	00	0.25
				20 mg/m water		0.07	18/06/82			0.05	07	0.30
				0.24 kg/ha	600	0.04	25/06/82			<0.05	14	0.66
				0.24 kg/ha	600	0.04	09/07/82			<0.05	21	0.51
										<0.05	28	0.34
533-3502	15211182/1A 703 Limburgerhof	VB 0403	H 9 July	32 mg /plant	80 ml /plant		06/05/82	Formation of head	r.a.c.	1.32	00	0.54
				Water						0.08	07	0.67
				32 mg /plant	80 ml /plant		21/05/82			<0.05	14	0.53
				Water						<0.05	21	0.68
				0.24 kg/ha	600 L/ha	0.04	28/05/82			<0.05	28	<0.05
				0.24 kg/ha	600 L/ha	0.04	11/06/82					

SCC Project 104-013-03			Crop/crop group		Savoy Cabbage
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:		Germany		Table	41
Active ingredient		Dimethoate		Page	2 /6

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3503	15211I82/1A 6703 Limburgerhof	VB 0403/Grünkopf	H 01 July	32 mg /plant	80 ml /plant		03/05/83	Beginnin g of heading	r.a.c.	2.14	00	0.19
				32 mg /plant	80 ml /plant		16/05/83			0.43	07	0.38
				0.24 kg/ha	600 L/ha	0.04	20/05/83			<0.05	14	0.11
				0.24 kg/ha	600 L/ha	0.04	03/06/83			<0.05	21	0.09
533-3504	15211I83/6A 6703 Limburgerhof	VB 0403/Grünkopf	H 01 July	20 mg/m	30 ml/m	0.07	03/06/83	Beginnin g of heading to heading	r.a.c.	1.47	00	0.17
				20 mg/m	30 ml/m	0.07	10/06/83			0.09	07	0.19
				0.24 kg/ha	600 L/ha	0.04	17/06/83			<0.05	14	0.13
				0.24 kg/ha	600 L/ha	0.04	01/07/83			<0.05	21	0.12
55-3505	152I69/3A 6703 Limburgerhof	VB 0403/Frükopf	H 25 June	-	-	0.04	04/06/69	-	r.a.c.	2.7	00	-
										0.85	02	
										0.45	05	
										0.05	12	
533-3506	15211I82/1A 6703 Limburgerhof	VB 0403/Früh-Wirsing	S/P 17 Feb H 10 July	32 mg /plant	80 ml /plant	0.04	06/05/82	Head formation	Head of cabbage	1.32	00	0.54
				32 mg /plant	80 ml /plant	0.04	21/05/82			0.08	07	0.67
				0.24 kg/ha	600 L/ha	0.04	28/05/82			<0.05	14	0.53
				0.24 kg/ha	600 L/ha	0.04	11/06/82			<0.05	21	0.68
										<0.05	28	<0.05

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SCC Project 104-013-03			Crop/crop group		Savoy Cabbage
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date		April 20, 1993
Country:		Germany	Table		41
Active ingredient		Dimethoate	Page		3 /6

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3507	15211I82/1A 6703 Limburgerhof	VB 0403/ Früh-Wirsing	S/P 17 Feb H 10 July	20 mg/m	30 ml/m	0.07	06/05/82	Head formation	Head of cabbage	0.68	00	0.25
				20 mg/m	30 ml/m	0.07	17/05/82			0.05	07	0.30
				20 mg/m	30 ml/m	0.07	17/05/82			<0.05	14	0.66
				0.24 kg/ha	600 L/ha	0.04	28/05/82			<0.05	21	0.51
				0.24 kg/ha	600 L/ha	0.04	11/06/82			<0.05	28	0.34
533-3508	Spi A 00086 7752 Reichenau	VB 0403/ Marner Frühkopf	S/P 05 April H 20 June	20 mg/m	30 ml/m		21/05/82	Full maturity	Plant	0.14	00	0.03
				20 mg/m	30 ml/m		01/06/82			0.02	07	<0.01
				20 mg/m	30 ml/m		01/06/82			<0.01	14	<0.01
				0.24 kg/ha	600 L/ha	0.04	15/06/82			<0.01	21	<0.01
				0.24 kg/ha	600 L/ha	0.04	28/06/82			<0.01	28	<0.01
533-3509	Spi A 00087 7801 Mengen	VB 0403/ Marner Grünkopf	S/P 16 April H > 25 June	20 mg/m	30 ml/m		21/05/82	Full maturity	Plant	0.28	00	0.05
				20 mg/m	30 ml/m		01/06/82			0.02	07	0.03
				20 mg/m	30 ml/m		01/06/82			<0.01	14	<0.01
				0.24 kg/ha	600 L/ha	0.04	15/06/82			<0.01	21	<0.01
				0.24 kg/ha	600 L/ha	0.04	28/06/82			<0.02	28	<0.01
533-3510	Spi 003194 7801 Mengen	VB 0403/ Marner Grünkopf	S/P 16 April H 25 June		80 ml /plant	0.04	21/05/82	Full maturity	Plant	0.37	00	0.05
					80 ml /plant	0.04	01/06/82			0.02	07	0.02
					80 ml /plant	0.04	01/06/82			0.01	14	0.01
				0.24	600	0.04	15/06/82			<0.01	21	<0.01
				0.24	600	0.04	28/06/82			<0.01	28	<0.01

SCC Project 104-013-03			Crop/crop group		Savoy Cabbage
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:		Germany		Table	41
Active ingredient		Dimethoate		Page	4 /6

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3511	Spi 003195 7752 Reichanau	VB 0403/ Marner Frühkopf	S/P 5 April H > June 20		80 ml /plant	0.04	21/05/82	Full maturity	Plant	0.21	00	0.04
					80 ml /plant	0.04	01/06/82			0.01	07	0.02
					600 /plant	0.04	15/06/82			<0.01	14	<0.01
				0.24	600	0.04	28/06/82			<0.01	21	0.01
533-3512	C 826972 6501 Schwabenheim	VB 0403/ Ziegler Vorbote	S/P 19 April H 12 July		80 ml /plant	0.04	26/05/82	Formation of head	Head of cabbage	0.96	00	0.40
				20 mg/m	30 ml/m	0.04	04/06/82			<0.02	07	0.37
				20 mg/m	30 ml/m	0.04	14/06/82			<0.02	14	0.31
				0.24 kg/ha	600 L/ha	0.04	28/06/82			<0.02	21	<0.02
533-3513	C 827072 6501 Schwabenheim	VB 0403/ Ziegler s	S/P 19 April H 12 July		80 ml /plant	0.04	26/05/82	Formation of head	Head of cabbage	1.62	00	0.35
				32 mg /plant	80 ml /plant	0.04	04/06/82			0.03	07	0.37
				32 mg /plant	80 ml /plant	0.04	14/06/82			<0.02	14	0.35
				0.24 kg/ha	600 L/ha	0.04	28/06/82			<0.02	21	<0.02
533-3514	C 831572 6501 Schwabenheim	VB 0403/ Ziegler s Vorbote	S/P 21 March H 11 July		80 ml /plant	0.04	27/05/83	Formation of head	Head of cabbage	1.34	00	0.16
				20 mg/m water	30 ml/m		06/06/83			<0.02	07	0.11
				20 mg/m water	30 ml/m					<0.02	14	0.17
				0.24	500	0.05	13/06/83			0.15	21	0.03
				0.24	500	0.05	27/06/83			0.07	28	0.11

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SCC Project 104-013-03			Crop/crop group		Savoy Cabbage
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date		April 20, 1993
Country:		Germany	Table		41
Active ingredient		Dimethoate	Page		5 /6

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3515	C 831672 6501 Schwabenheim	VB 0403/ Ziegler's Vorbote	S/P 21 March H 11 July	32 mg /plant	80 ml /plant	0.04	27/05/83	Head formation	Head of cabbage	0.98	00	0.04
				32 mg /plant	80 ml /plant	0.04	06/06/83			0.04	07	0.03
				0.24 kg/ha	500 L/ha	0.05	13/06/83			<0.02	14	0.05
				0.24 kg/ha	500 L/ha	0.05	27/06/83			<0.02	21	0.03
				0.24 kg/ha	500 L/ha	0.05					28	0.03
533-3516	15211 I83/5A 6703 Limburgerhof	VB 0403/ Grünkopf	S/P 31 March H 3 June	32 mg /plant	80 ml /plant	0.04	03/05/83	BK-K	Head of cabbage	2.14	00	0.19
				32 mg /plant	80 ml /plant	0.04	16/05/83			0.43	07	0.38
				0.24 kg/ha	600 L/ha	0.04	20/05/83			<0.05	14	0.11
				0.24 kg/ha	600 L/ha	0.04	03/06/83			<0.05	21	0.09
				0.24 kg/ha	600 L/ha	0.04				<0.05	28	<0.05
533-3517	15211I83/6A 6703 Limburgerhof	VB 0403/ Grünkopf	S/P 31 March H June	20 mg/m water	30 ml/m	0.07	03/05/83	BK-K	Head of cabbage	1.47	00	0.17
				20 mg/m water	30 ml/m	0.07	16/05/83			0.09	07	0.19
				0.24 kg/ha	600 L/ha	0.04	20/05/83			<0.05	14	0.13
				0.24 kg/ha	600 L/ha	0.04	03/06/83			<0.05	21	0.12
				0.24 kg/ha	600 L/ha	0.04				<0.05	28	0.14
533-3518	SPI 003343 7801 Mengen	VB 0403/ Marner Fröhkopf	S/P 04 May H mid of June	2 g/m	3l/m	0.07	03/06/83	Full maturity	r.a.c.	0.87	00	0.16
				2 g/m	3 l/m	0.07	13/06/83			0.07	07	<0.02
				0.24 kg/ha	600 L/ha	0.04	20/06/83			<0.02	14	<0.02
				0.24 kg/ha	600 L/ha	0.04	04/07/83			<0.02	21	<0.02
				0.24 kg/ha	600 L/ha	0.04				<0.02	28	<0.02

SCC Project 104-013-03			Crop/crop group	Savoy Cabbage
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:	Germany		Table	41
Active ingredient	Dimethoate		Page	6 /6

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3519	SPI 003344 7801 Mengen	VB 0403/ Marner Frühkopf	S/P 04 May H < mid of July	2 g/m	3L/m	0.07	02/06/83	Full maturity	r.a.c.	0.96	00	0.07
				Water						0.22	07	0.05
				2 g/m	3L/m	0.07	13/06/83			<0.02	14	<0.02
				water						<0.02	21	<0.02
533-3520	URA A 02683 2208 Kremper	VB 0403/ Marner Frühkopf	S/P 07 May H 18 July	0.24	600	0.04	20/06/83	At harvest	r.a.c.	<0.02	28	<0.02
				0.24	600	0.04	04/07/83			<0.02		
				2 g/m	3L/m		27/05/83			0.40	00	0.04
				Water						<0.02	07	0.03
533-3521	URA A 02683 2208 Kremper	VB 0403/ Marner Frühkopf	S/P 07 May H 18 July	2 g/m	3L/m		06/06/83	At harvest	r.a.c.	<0.02	14	<0.02
				water						<0.02	21	<0.02
				0.24	600	0.04	20/06/83			<0.02	28	<0.02
				0.24	600	0.04	04/07/83			<0.02		

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RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Kohlrabi
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	42
Content of a.i.	400 g/L	Page	1 /1
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion, Roxion	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-3801	Perfekthion 76/1 6703 Limburgerhof	VB 0405/ Neuzucht Haubner	H 02 April	6.4 Watering 0.24 sprayin g	1600 0 600	0.04 0.04	20/02/76 12/03/76	14 days before harvest	r.a.c.	9.50 1.85 0.82 0.40 0.72 0.32	00 07 14 21 21	-
533-3802	A3/69 6501 Schwabenheim	VB 0405/ Delikatess Weiss	H 24 July	32 mg /plant	80 ml /plant	0.04	02/06/69 12/06/69	-	r.a.c.	0.03 <0.02 <0.02 <0.02	25 30 35 42	-

2.11 Leafy vegetables

LETTUCE

CHA Doc. No. 353 DMT; Harrison, C.; Study to determine the magnitude of residue of dimethoate and omethoate in protected lettuce following a single glasshouse application of danadim dimethoate 40 in the United Kingdom : Final report on project AK/3375/CN, 1998.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Danadim Dimethoate 40
Crop/Crop Group:	Lettuce / leafy vegetables	Producer of Commercial Product:	Cheminova Agro A/S
Responsible body for Reporting (name, address):	Agrisearch UK Ltd	Indoor/Glasshouse/Other:	Glasshouse
Country:	UK	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 353 DMT, UK	Protected lettuce, Vegas (East Yorkshire)	10/6/96 (planting)	Foliar spray	0.17 kg ai/100 L	Water 198 L/ha	0.340 kg a.i./ha	5/07/96	BBCH 12-14	Whole plant Trimmed head	0 3 7 14 28	56 9.1 2.1 0.46 <0.01	0.26 0.26 0.18 0.09 <0.01	Controls <0.01 mg/kg (except trial 5 which had 0.02 mg/kg dimethoate at first sampling) Dimethoate recoveries 74 – 84%, omethoate recoveries
	Protected lettuce, Flandra (East Yorkshire)	10/6/96 (planting)	Foliar spray	0.17 kg ai/100 L	Water 203 L/ha	0.340 kg a.i./ha	5/07/96	BBCH 12	Whole plant Trimmed head	0 3 7 14 28	62 8.7 2.9 0.11 0.02	0.22 0.34 0.31 0.29 <0.01	
	Protected lettuce, Cortina (Surrey)	11/6/96 (planting)	Foliar spray	0.17 kg ai/100 L	Water 198 L/ha	0.340 kg a.i./ha	3/07/96	BBCH 13	Trimmed head	28	0.02	0.01	
	Protected lettuce,	28/6/96	Foliar	0.17	Water	0.340	4/07/96	BBCH 12	Trimmed	28	0.01	<0.01	

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	Vegas, (Cambridgeshire)	(planting)	spray	kg ai/100 L	205 L/ha	kg a.i./ha			head					72 – 82%, samples extracted within 100 days after harvest.
	Protected lettuce, Wendal (Cambridgeshire)	22/11/96 (planting)	Foliar spray	0.17 kg ai/100 L	Water 201 L/ha	0.340 kg a.i./ha	27/01/97	BBCH 41	Whole plant Trimmed head	0 3 7 14 28	18 14 9.7 4.3 1.1	0.04 0.17 0.45 0.49 0.29		
	Protected lettuce, Wendal (Lancashire)	10/3/97 (planting)	Foliar spray	0.17 kg ai/100 L	Water 201 L/ha	0.340 kg a.i./ha	10/03/97	BBCH 18-19	Whole plant Trimmed head	0 3 7 14 28	42 9.0 3.4 0.71 0.06	0.22 0.40 0.30 0.13 0.03		
	Protected lettuce, Luxor (Surrey)	16/10/96 (planting)	Foliar spray	0.17 kg ai/100 L	Water 202 L/ha	0.340 kg a.i./ha	22/01/97	BBCH 41	Trimmed head	28	1.1	0.17		
	Protected lettuce, Rachel (Lancashire)	11/11/96 (planting)	Foliar spray	0.17 kg ai/100 L	Water 200 L/ha	0.340 kg a.i./ha	28/01/97	BBCH 41	Trimmed head	28	2.2	0.20		

CHA Doc. No. 438 DMT; Wilson, A.; Dimethoate : Residue decline curve study with an EC formulation containing 400 g/L dimethoate applied to lettuce in Italy, Spain and Greece in 2000; 2001.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Lettuce, leafy vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Italy, Spain, Greece	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 438 DMT, Italy, Spain, Greece	Lettuce, Funly (Caleppia di Settala, Italy)	27/04/00 (Planting) 22/05/00 (Harvest)	Backpack boom	0.04 kg ai/100 L	Water 1005 L/ha	0.42 kg a.i./ha	1/05/00	BBCH 14	Plant	0 7 14 21 28	29.97 0.18 <0.01 <0.002 <0.002	0.15 0.06 <0.01 <0.002 <0.002	Controls <0.01 mg/kg, dimethoate recoveries 81 – 109%, omethoate recoveries 86 – 103%, samples stored for up to 24 weeks before analysis.
	Lettuce, Canasta (Mediglia, Italy)	29/04/00 (Planting) 22/05/00 (Harvest)	Backpack boom	0.04 kg ai/100 L	Water 1001 L/ha	0.42 kg a.i./ha	1/05/00	BBCH 15/16	Plant	0 7 14 21 28	23.32 0.07 <0.002 <0.002 <0.002	0.10 0.02 <0.01 <0.01 <0.002	
	Lettuce, Tudela (Benimamet, Spain)	1/05/00 (planting) 1/06/00 (harvest)	Backpack boom	0.04 kg ai/100 L	Water 981 L/ha	0.41 kg a.i./ha	12/05/00	BBCH 14	Plant	0 7 14 20 28	11.75 0.12 <0.01 <0.01 0.01	0.10 0.09 0.01 0.01 <0.01	
	Lettuce, Paris Cos (Menidi, Greece)	8/04/00 (planting) 3/05/00 (harvest)	Backpack boom	0.04 kg ai/100 L	Water 990 L/ha	0.41 kg a.i./ha	12/04/00	BBCH 17	Plant	0 7 14 21	13.85 0.30 0.03 <0.01	0.07 0.08 0.04 0.02	

										28	<0.01	<0.01	
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CHA Doc. No. 561 DMT; Wilson, A.; Dimethoate Residue Study (at harvest) with an EC formulation containing 400 g/L dimethoate applied to lettuce in Spain and Italy in 2001; 2002.

Active Substance (common name):	Dimethoate	Commercial Product name:	Perfekthion
Crop/Crop Group:	Lettuce, leafy vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Italy	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment (s) or no of treatment (s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 561 DMT, Italy, Spain	Lettuce, Canasta (Mediglia, Italy)	30/05/01 (planting) 14/06/01 (harvest)	Backpack boom	0.04 kg ai/100 L	Water 1001 L/ha	0.416 kg a.i./ha	31/05/01	BBCH 13/14	Lettuce	0 14 21	64.22 <0.002 4.18	0.27 <0.01 0.12	Controls <0.01 mg/kg except 21 day sample from trial 1 which had 4.1 mg/kg dimethoate and 0.2 mg/kg omethoate, dimethoate recoveries 83 – 108%, omethoate recoveries 76 – 109%, samples stored for up to 63 weeks before analysis.
	Lettuce, Funly (Caléppia Di Settala, Italy)	14/06/01 (planting) 5/07/01 (harvest)	Backpack boom	0.04 kg ai/100 L	Water 1001 L/ha	0.416 kg a.i./ha	21/06/01	BBCH 14	Lettuce	0 14 21	50.61 <0.002 <0.002	0.31 <0.01 <0.002	
	Lettuce, Romance (Burjassot, Spain)	5/10/01 (planting) 13/11/01 (harvest)	Backpack boom	0.04 kg ai/100 L	Water 1008 L/ha	0.419 kg a.i./ha	30/10/01	BBCH 19/41	Lettuce	0 14 21	18.03 0.11 0.08	0.07 0.06 0.03	
	Lettuce, Romana (Burjassot, Spain)	15/09/01 (planting) 13/11/01 (harvest)	Backpack boom	0.04 kg ai/100 L	Water 1002 L/ha	0.417 kg a.i./ha	30/10/01	BBCH 47	Lettuce	0 14 21	6.73 0.07 0.04	0.12 <0.01 <0.01	

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CHA Doc. No. 575 DMT; Wilson, A; Residue study (at harvest) with an EC formulation containing 400 g/L dimethoate applied to lettuce in Spain in 2002; 2003.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Perfekthion
Crop/Crop Group:	Lettuce / leafy vegetables	Producer of Commercial Product:	BASF
Responsible body for Reporting (name, address):	Huntingdon Life Sciences Ltd	Indoor/Glasshouse/Other:	Field
Country:	Spain	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + Omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 575 DMT, Spain	Lettuce, Rubia de verano, (Burjassot)	30/07/02 (planting) 2/09/02 (harvest)	Backpack boom	0.04 kg ai/100 L	Water 994 L/ha	0.414 kg a.i./ha	12/08/02	BBCH 19/33	Lettuce	0 14 21	14.41 <0.01 <0.002	0.09 0.02 <0.002	Controls <0.002 mg/kg, dimethoate recoveries 80 – 87%, omethoate recoveries 76 – 104%, samples stored for up to 5 weeks before analysis.

CHA Doc. No. 361 DMT; Harrison, C.; Final report on project AK/3376/CN : Study to determine the magnitude of residue of dimethoate and omethoate in outdoor lettuce following 6 sequential field applications of Danadim Dimethoate 40 in the United Kingdom; 1998.

Active Substance (common name):			Dimethoate				Commercial Product name:			Danadim Dimethoate 40				
Crop/Crop Group:			Lettuce, leafy vegetables				Producer of Commercial Product:			Cheminova Agro A/S				
Responsible body for Reporting (name, address):			Agrisearch UK Ltd				Indoor/Glasshouse/Other:			Field				
Country:			UK				Other active substance in the formulation (common name and content):			N/A				
Content of Active Substance (g/kg or g/L):			400 g/L				Residues Calculated as:			Dimethoate + Omethoate				
Formulation (eg WP):			EC											
Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:	
CHA Doc. No. 361 DMT, UK	Lettuce, Saladin (Cambridgeshire)	26/07/96 (planting)	Foliar spray	0.17 kg ai/100 L	Water 200 L/ha	0.34 kg a.i./ha	6 (at 7 day intervals) 13/09/96	BBCH 47-49	Whole plant / trimmed head	0 3 7 14	7.2 3.4 0.14 0.07	0.38 0.37 0.02 0.02	Controls generally <0.01 mg/kg (except trial 1 : up to 0.36 mg/kg dimethoate, 0.13 mg/kg omethoate; trial 4 : up to 0.01 mg/kg dimethoate, 0.03 mg/kg omethoate), dimethoate recoveries 79 – 119%, omethoate recoveries	
	Lettuce, Yates (Derbyshire)	16/06/96 (planting) 5/09/96 (harvest)	Foliar spray	0.17 kg ai/100 L	Water 200 L/ha	0.34 kg a.i./ha	6 (at 7 day intervals) 15/08/96	BBCH 49	Whole plant / trimmed head	0 3 7 14 21	7.2 1.7 0.62 0.11 0.03	0.34 0.20 0.21 0.03 0.01		
	Lettuce, Juden (Derbyshire)	3/06/96 (planting) 5/09/96 (harvest)	Foliar spray	0.17 kg ai/100 L	Water 200 L/ha	0.34 kg a.i./ha	6 (at 7 day intervals) 15/08/96	BBCH 49	Whole plant / trimmed head	0 3 7 14 21	8.3 1.1 0.42 <0.01 0.01	0.38 0.16 0.11 <0.01 <0.01		
	Lettuce, Roxette (Lothian)	28/06/96 (planting) 30/08/96 (harvest)	Foliar spray	0.17 kg ai/100 L	Water 200 L/ha	0.34 kg a.i./ha	6 (at 7 day intervals) 9/08/96	BBCH 49	Whole plant / trimmed head	0 3 7 14 21	6.6 2.0 0.09 0.06 0.07	0.28 0.30 <0.01 <0.01 <0.01		
	Lettuce, Target (Surrey)	14/05/97 (planting)	Foliar spray	0.17 kg	Water 200	0.34 kg	6 (at 7 day intervals)	BBCH 49	Whole plant /	0 3	4.6 0.38	0.15 0.08		

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		15/07/97 (harvest)		ai/100 L	L/ha	a.i./ha	24/06/97		trimmed head	7 14 21	0.06 0.02 <0.01	0.01 0.03 <0.01	69 – 112%, samples stored for up to 188 days before analysis.
	Lettuce, Enza (Lincolnshire)	15/07/97 (harvest)	Foliar spray	0.17 kg ai/100 L	Water 200 L/ha	0.34 kg a.i./ha	6 (at 7 day intervals) 24/06/97	BBCH 49	Whole plant / trimmed head	0 3 7 14 21	5.2 <0.01 <0.01 0.04 0.01	0.19 <0.01 <0.01 <0.01 <0.01	
	Lettuce, Saladin (Derbyshire)	30/06/97 (planting) 29/08/97 (harvest)	Foliar spray	0.17 kg ai/100 L	Water 200 L/ha	0.34 kg a.i./ha	6 (at 7 day intervals) 8/08/97	BBCH 49	Whole plant / trimmed head	0 3 7 14 21	4.5 1.5 0.08 0.02 <0.01	0.28 0.38 0.02 <0.01 <0.01	
	Lettuce, Roxette (Lothian)	13/06/97 (planting) 7/08/97 (harvest)	Foliar spray	0.17 kg ai/100 L	Water 200 L/ha	0.34 kg a.i./ha	6 (at 7 day intervals) 17/07/97	BBCH 49	Whole plant / trimmed head	0 3 7 14 21	4.0 1.3 0.06 0.02 0.01	0.07 0.16 <0.01 <0.01 <0.01	

CHA Doc. No. 361 DMT supp-1; Harrison, C.; Supplement to the study : Final report on project AK/3376/CN : Study to determine the magnitude of residue of dimethoate and omethoate in outdoor lettuce following 6 sequential field applications of Danadim Dimethoate 40 in the United Kingdom, 1999.

This supplement to the previous study calculated the mean recovery and standard deviation for various fortification levels in the previous study. Results are tabulated below:

Dimethoate fortification level (mg/kg)	0.01	0.1	0.5	2	50
Mean value (%)	101	98	109	92	93
Standard deviation (%)	26.2	4.4	0	7.8	13.6
Relative standard deviation (%)	26	4.5	0	8.5	14.5

Omethoate fortification level (mg/kg)	0.01	0.2	0.5	2	50
Mean value (%)	92	99	80	85	79
Standard deviation (%)	15.6	9.6	0	11.7	8.9
Relative standard deviation (%)	16.9	9.7	0	13.8	11.3

CHA Doc. No. 134 DMT; Pistel, F.; DTF Doc. No. 581-003. Dimethoate Residue Trials within the EC Member States; 1993.

Note : this report contained summary data only – no details were provided on methods, recoveries or storage stability.

Lettuce

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Lettuce
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	43
Content of a.i.	400 g/L (Perfekthion, Roxion), 404 g/L (Rogor)	Page	1 /5
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion, Roxion, Rogor	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck, C.F. Spiess and Sohn	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-4201	Perfekthion 74/6A 6703 Limburgerhof	VL 0482/ Mona	H 11 June	0.32	800	0.04	29/04/74 20/05/74 21/05/74	Head formation	r.a.c.	4.86 2.40 0.64 0.09 0.02	00 04 07 14 21	0.12 0.33 0.16 0.10 0.01
533-4202	15211I82/8A 6703 Limburgerhof	VL 0482/ Verpia	H 04 Oct	0.24	600	0.04	23/08/82 06/09/82	Head formation	r.a.c.	8.17 0.12 <0.05 <0.05 <0.05	00 07 14 21 28	0.24 <0.05 <0.05 <0.05 <0.05
533-4203	C 826872 6501 Schwabenheim	VL 0482/ Hilds Neckarriesen	H 09 July	0.24	500	0.05	28/05/82 11/06/82	-	r.a.c.	4.97 1.52 0.26 <0.02 <0.02	00 07 14 21 28	0.29 0.96 0.60 0.03 <0.02
533-4204	C 83 14 72 6507 Ingelheim	VL 0482/ Victoria King	H 16 June	0.24	400	0.06	05/05/83 19/05/83	-	r.a.c.	4.54 0.12 <0.02 <0.02 <0.02	00 07 14 21 28	0.04 0.05 <0.02 <0.02 <0.02

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SCC Project 104-013-03			Crop/crop group		Lettuce
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:		Germany		Table	43
Active ingredient		Dimethoate		Page	2/5

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-4205	23/66 6501 Schwabenheim	VL 0482/ Frühlings-gruß	H 06 May	0.6	600	0.10	15/04/66	-	r.a.c.	<0.07 <0.07	21 21	-
				0.3	600	0.05	15/04/66	-	r.a.c.	<0.07 <0.07	21 21	
				0.6	600	0.10	22/04/66	-	r.a.c.	<0.07 <0.07	14 14	
				0.3	600	0.05	22/04/66	-	r.a.c.	<0.07 <0.07	14 14	
533-4206	50/66 6501 Schwabenheim	VL 0482	H 14 Oct	0.24	600	0.04	07/10/66	-	r.a.c.	1.58 0.61	07 07	
				0.12	600	0.04	07/10/66	-	r.a.c.	0.89 1.17	07 07	
				0.24	600	0.04	10/10/66	-	r.a.c.	1.92 2.53	04 04	
				0.12	600	0.02	10/10/66	-	r.a.c.	0.94 0.95	04 04	

SCC Project 104-013-03			Crop/crop group		Lettuce
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:		Germany		Table	43
Active ingredient		Dimethoate		Page	3/5

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-427	A 1a/69 6501 Schwabenheim	VL 0482/Hilmer	H 27 June	-	-	0.04	06/06/69	-	r.a.c.	8.60 1.98 0.44 0.12 0.08 0.07	00 04 07 10 14 21	0.02 0.23 0.16 0.08 0.06 0.06
533-4208	A 1/69 6501 Schwabenheim	VL 0482/Hilmer	H 20 June	-	-	0.04	30/05/69 06/06/69 09/06/69 13/06/69 16/06/69 20/06/69	-	r.a.c.	3.76 2.37 0.71 0.12 0.10 0.03	00 04 07 10 14 21	0.09 0.24 0.19 0.08 0.07 0.02
533-4209	38/73 6501 Schwabenheim	VL 0482/Leibacher Eis	H 30 July	0.24	600	0.04	09/07/73 16/07/73	End of ripening phase	r.a.c.	2.97 0.94 0.10 <0.02	00 04 07 14	0.22 0.23 0.05 0.02
533-4210	37/73 6501 Schwabenheim	VL 0482/Maikönig Treib	H 11 June	0.52	1300	0.04	21/05/73	End of ripening phase	r.a.c.	8.80 4.84 2.25 0.53 <0.02	00 04 07 14 21	0.16 0.60 0.51 0.31 0.05
533-4211	36/73 6501 Schwabenheim	VL 0482/Primeur	H 18 June	0.40	1000	0.04	07/05/73 04/06/73	End of ripening phase	r.a.c.	3.38 1.13 0.46 0.14	00 04 07 14	0.18 0.35 0.30 0.24

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SCC Project 104-013-03			Crop/crop group		Lettuce
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date		April 20, 1993
Country:	Germany		Table		43
Active ingredient	Dimethoate		Page		4/5

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-4212	11/71 6501 Schwabenheim	VL 0482/Attraktion	H 28 Aug	0.24	-	-	07/08/69 14/08/69 18/08/69 21/08/69 25/08/69 28/08/69	-	r.a.c.	5.32 0.54 0.29 0.13 0.02 <0.02	00 04 07 10 14 21	<0.02 0.08 0.08 0.07 <0.02 <0.02
533-4213	152 I 69/2A	VL 0482/Aurelia	H 07 July	-	-	0.04	23/06/69	10-12 days before harvest	r.a.c.	4.70 1.40 0.40 0.30 0.02	00 02 04 07 14	-
533-4214	15211I82/8A 6703 Limburgerhof	VL 0482/Verpia	S/P 11 Aug H > 20 Sep	0.24	600	0.04	23/08/82 06/09/82	Begin of head formation	Head	8.17 0.12 <0.05 <0.05 <0.05	00 07 14 21 28	0.24 <0.05 <0.05 <0.05 <0.05
533-4215	Spi A 00081 7801 Mengen	VL 0482/Capitan	S/P 12 May H 22 June-	0.24	600	0.4	21/05/82 01/06/82	Before head formation	Head	7.08 2.96 0.96 0.24 0.07	00 07 14 21 28	0.06 0.27 0.22 0.06 0.03
533-4216	Spi A 00082	VL 0482/	-	0.24	600	0.4	19/05/82 01/06/82	-	Head	4.20 3.45 1.30 0.34 0.13	00 07 14 21 28	<0.01 0.07 0.09 0.04 0.02

SCC Project 104-013-03			Crop/crop group		Lettuce
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date	April 20, 1993
Country:		Germany		Table	43
Active ingredient		Dimethoate		Page	5/5

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-4217	C 826872 6501 Schwabenheim	VL 0482/ Hilds Neckar-riesen	S/P 19 April H > 5 June	0.24	500	0.05	28/05/82 11/06/82	Begin of head formation	Head without roots	4.97 1.52 0.26 <0.02 <0.02	00 07 14 21 28	0.29 0.96 0.60 0.03 <0.02
533-4218	C 831472 6501 Schwabenheim	VL 0482/ Victoria Krieg	S/P 16 March H > June 2	0.24	400	0.06	05/05/83 19/05/83	-	Head	4.54 0.12 <0.02 <0.02 <0.02	00 07 14 21 28	0.04 0.05 <0.02 <0.02 <0.02
533-4219	152 11183/7A 6703 Limburgerhof	VL 0482/ Soraya	S/P 18 April H mid of June	0.24	600	0.04	03/05/83 20/05/83	BK	Head	7.71 0.20 0.06 <0.05 <0.05	00 07 14 21 26	0.33 0.06 2.53 1.80 1.61

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RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Spinach
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	44
Content of a.i.	400 g/l	Page	1 /1
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion, Roxion	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-4401	Perfekthion 74/7A 6703 Limburgerhof	VL 0502/ Medania	H 16 May	0.32	800	0.04	02/05/1974	14 days before harvest	r.a.c.	16.0	00	<0.01
										8.30	02	0.36
										3.80	04	0.32
										2.60	07	0.29
										1.10	14	0.45
533-4402	C 7577 6501 Schwabenheim	VL 0502/ Matador	H 24 Oct	0.24	600	0.04	03/10/75	Begin of harvest	r.a.c.	21.5	00	0.40
										5.40	04	1.46
										3.28	07	1.49
										0.90	14	1.35
										0.18	21	0.65

2.12 Legumes

CHA Doc. No. 117 DMT; Heyer, R., Schreitmüller, J.; Determination of residues of dimethoate and omethoate in/on pea (whole plant, whole and empty pod, seed, and straw) following treatment with dimethoate 400 g/L EC (Danadim) from field trials in Denmark; 1994.

Active Substance (common name):	Dimethoate	Commercial Product name:	Danadim
Crop/Crop Group:	Peas, Legumes	Producer of Commercial Product:	Cheminova Agro A/S
Responsible body for Reporting (name, address):	Dimethoate task force	Indoor/Glasshouse/Other:	Field
Country:	Denmark	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. 117 DMT, Denmark	Vining peas, Polar	4/05/1994 (seeding)	Foliar spray	75 g ai/100 L	Water 450 (L/ha)	336 g a.i./ha	1/07/1994 15/07/1994	BBCH 60 - 80	Whole plant	0 3 7 10 14	3.35 0.406 0.129 0.109 0.156	0.108 0.145 0.108 0.069 0.071	Controls <0.01 mg/kg; Recoveries: 69.3 – 128% for dimethoate, 57.2 – 110% for omethoate; Analysis began 7 months after sample collection.
									Empty pod	14	0.119	0.049	
									Whole pod	14	0.027	0.015	
									Seed	14	<0.01	<0.01	
									Straw	14	0.438	0.134	

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CHA Doc. No. 328 DMT; Heyer, R., Schreitmüller, J.; Determination of residues of dimethoate and omethoate in/on pea (whole plant, whole and empty pod, seed and straw) following treatment with dimethoate 400 g/L EC (Danadim) from field trials in United Kingdom; 1994.

Active Substance (common name):	Dimethoate	Commercial Product_name:	Danadim
Crop/Crop Group:	Peas, legumes	Producer of Commercial Product:	Cheminova Agro A/S
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	UK	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 328 DMT, UK	Vining peas, Scout	29/04/94 (planting)	Foliar spray	79 + 78 g ai/100 L	Water 440 L/ha	348 + 344 g a.i./ha	15/06/1994 29/06/1994	BBCH 70 - 80	Whole plant	0 3 7 10 14	8.52 2.67 0.380 0.303 0.035	0.212 0.242 0.092 0.139 0.025	Controls ≤0.01 mg/kg; Recoveries 58.2 – 110% for dimethoate, 61.2 – 129% for omethoate; Analysis began approximately 12 months after the first sample was collected.
									Empty pod	14	0.053	0.012	
									Whole pod	14	0.026	0.022	
									Seed	14	<0.01	<0.01	
									Straw	14	0.259	0.155	
	Combining peas, Solara	9/03/94 (planting)	Foliar spray	77 + 78 g ai/100 L	Water 440 L/ha	340 + 344 g ai/ha	28/06/1994 12/07/1994	BBCH 70 - 80	Whole plant	0 3 7 10 14	3.703 1.172 0.218 0.022 0.404 [†]	0.133 0.225 0.139 0.147 0.423 [†]	
									Empty pod	14	0.065	0.082	
									Whole pod	14	0.018	0.026	
									Seed	14	<0.01	<0.01	
									Straw	14	0.670	0.642	

[†]Possible mix up or contamination of sample.

CHA Doc. No. 331 DMT; Heyer, R., Schreitmüller, J.; Determination of residues of dimethoate and omethoate in/on pea (whole plant, whole and empty pod, seed, and straw) following treatment with dimethoate 400 g/L EC (Danadim) from field trials in Germany; 1994.

Active Substance (common name):	Dimethoate	Commercial Product name:	Danadim
Crop/Crop Group:	Peas, legumes	Producer of Commercial Product:	Cheminova Agro A/S
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Germany	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 331 DMT, Germany	Pea, Lambado	23/03/1994 (planting)	Foliar spray	67.2 g ai/100 L	Water 500 L/ha	336 g a.i./ha	17/6/1994 1/7/1994	BBCH 89-92	Whole plant	0 3 7 10 14	2.54 0.64 0.12 0.08 <0.01	0.069 0.302 0.113 0.098 <0.01	Controls ≤0.01 mg/kg; Recoveries 74.2 – 120% for dimethoate, 59.4 – 108% for omethoate; Analysis began 7 months after the first sample was collected.
									Empty pod	14	<0.01	<0.01	
									Whole pod	14	<0.01	<0.01	
									Seed	14	<0.01	<0.01	
									Straw	14	<0.01	<0.01	

CHA Doc. No. 332 DMT; Melkebeke, T.; Magnitude of the residues of dimethoate and omethoate on peas after application of an EC formulation (Danadim), containing 400 g/L of dimethoate in the Netherlands and in Denmark, 1995 and 1996.

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Active Substance (common name):	Dimethoate	Commercial Product name:	Danadim
Crop/Crop Group:	Peas, legumes	Producer of Commercial Product:	Cheminova Agro A/S
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Netherlands and Denmark	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + omethoate
Formulation (eg WP):	EC		

Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 332 DMT, Denmark, The Netherlands	Pea, Bodel (Denmark)	10/04/95 (sowing)	Foliar spray	76 g ai/100 L	Water 450 L/ha	Target 340 g a.i./ha (Actual 370.6 + 363.7 + 382.1 + 360.3)	21/06/95 05/07/95 17/07/95 28/07/95	BBCH 80-81	Whole plant	0 14 21	7.58 2.10 1.19	0.39 0.29 0.14	Controls <0.01 mg/kg, Recoveries 74 – 98% for dimethoate, 63 – 90% for omethoate; Analysis began within 9 months for first series, within 6 months for second series.
									Whole pod	14 21	0.19 0.18	0.20 0.12	
									Seed	14 21	<0.01 <0.01	<0.01 <0.01	
									Straw	14 21	1.37 2.03	0.24 0.25	
	Pea, Delta (The Netherlands)	14/03/96 (sowing)	Foliar spray	76 g ai/100 L	Water 450 L/ha	Target: 340 g ai/ha (Actual 332.8 + 332.7 + 333.3 + 322.8)	18/06/96 28/06/96 11/07/96 25/07/96	BBCH 87	Whole plant	0 14 21	5.40 2.85 0.53	0.35 0.18 0.04	
									Whole pod	14 21	1.42 0.64	0.18 0.05	
									Seed	14 21	<0.01 <0.01	<0.01 <0.01	
									Straw	14 21	4.50 1.29	0.24 0.05	

CHA Doc. No. 332 DMT suppl.1; Melkebeke et al. (1997); Supplement to the study: Magnitude of the residues of dimethoate and omethoate on peas after application of an EC formulation (Danadim), containing 400 g/L of dimethoate in the Netherlands and in Denmark, 1995 and 1996.

This supplement to the previous study calculated the mean recovery and standard deviation for each fortification level in the previous study. Results are tabulated below:

Dimethoate fortification level (mg/kg)	0.01
Mean value (%)	90
Standard deviation (%)	11.2
Relative standard deviation (%)	13.3

Omethoate fortification level (mg/kg)	0.01	0.2
Mean value (%)	82	68
Standard deviation (%)	8.5	5.7
Relative standard deviation (%)	10.4	8.3

CHA Doc. No. 333 DMT; Melkebeke, T., Geuijen, I.; Magnitude of the residues of dimethoate and omethoate on peas after application of an EC formulation (Danadim), containing 400 g/L of dimethoate in Germany, the Netherlands and the United Kingdom, 1995

Active Substance (common name):	Dimethoate	Commercial Product name:	Danadim
Crop/Crop Group:	Peas, legumes	Producer of Commercial Product:	Cheminova Agro A/S
Responsible body for Reporting (name, address):	Dimethoate Task Force	Indoor/Glasshouse/Other:	Field
Country:	Germany, the Netherlands and the United Kingdom	Other active substance in the formulation (common name and content):	N/A
Content of Active Substance (g/kg or g/L):	400 g/L	Residues Calculated as:	Dimethoate + omethoate
Formulation (eg WP):	EC		

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Report No. Location (Region)	Commodity/Variety	Date of: Sowing or Planting Flowering Harvest	Method of Treatment	Application Rate per Treatment			Dates of treatment(s) or no of treatment(s) and last date	Growth Stage at last treatment or date	Portion Analysed	PHI (days)	Dimethoate (mg/kg)	Omethoate (mg/kg)	Remarks:
CHA Doc. No. 333 DMT; Germany, the Netherlands and the United Kingdom	Pea, Mantracto (Germany)	01/05/95 (sowing)	Foliar spray	Target 76 ai/100 L	Target 450 L/ha, Actual: 472, 458, 467, 467	Target 340 g a.i./ha, Actual 374, 363, 370, 371	31-05-95 16-06-95 22-06-95 04-07-95	BBCH 65-69	Whole plant	0 3 7 14 21	7.1 4.0 0.78 0.60 0.23	0.38 0.36 0.36 0.11 0.05	Residues not detected in controls (<0.003 mg/kg); Recoveries 67 – 95% for dimethoate, 55 – 86% for omethoate; Analysis within 10 months of sample collection.
									Whole pod	7 14 21	0.37 0.09 0.11	0.61 0.03 0.05	
									Straw	14 21	0.20 0.15	0.12 0.03	
	Pea, Avriso (Germany)	26/04/95 (sowing)	Foliar spray	Target 76 ai/100 L	Target 450 L/ha, Actual 417, 474, 462, 459	Target 340 g ai/ha, Actual 331, 376, 366, 364	31-05-95 16-06-95 22-06-95 04-07-95	BBCH 65	Whole plant	0 3 7 14 21	5.15 2.13 0.89 0.05 0.02	0.17 0.32 0.42 0.10 0.04	
									Whole pod	7 14 21	0.21 0.04 <0.01	0.06 0.02 <0.01	
									Straw	14 21	0.03 0.02	0.08 0.02	
	Pea, Polo (The Netherlands)	15/05/95 (sowing)	Foliar spray	Target 76 ai/100 L	Target 450 L/ha, Actual 444, 467, 428, 441	Target 340 g ai/ha, Actual 352, 370, 339, 350	01-06-95 19-06-95 29-06-95 19-07-95	BBCH 73	Whole plant	0 3 7 14 21	3.50 1.18 0.57 0.10 0.09	0.15 0.31 0.27 0.13 0.12	
									Whole pod	7 14 21	0.27 0.11 0.03	0.06 0.03 0.04	
									Straw	14 21	0.07 0.06	0.19 0.07	
	Pea, Trek (United Kingdom)	27/04/95 (sowing)	Foliar spray	Target 76 ai/100 L	Target 450 L/ha, Actual 435,	Target 340 g ai/ha, Actual 345,	30-05-95 13-06-95 26-06-95 12-07-95	BBCH 71	Whole plant	0 3 7 14 21	4.16 1.04 0.30 0.06 0.03	0.67 0.08 0.25 0.09 0.02	

					455, 438, 444	361, 347, 352			Whole pod	7 14 21	0.13 0.04 <0.01	0.02 0.02 0.01	
									Straw	14 21	0.07 0.04	0.12 0.02	

CHA Doc. No. 333 DMT suppl. 1; Melkebeke et al. 1997; Supplement to the study: Magnitude of the residues of dimethoate and omethoate on peas after application of an EC formulation (Danadim), containing 400 g/L of dimethoate in Germany, the Netherlands and the United Kingdom, 1995.

This supplement to the previous study calculated the mean recovery and standard deviation for each fortification level in the previous study. Results are tabulated below:

Dimethoate fortification level (mg/kg)	0.01 (plant)	0.01 (pod)
Mean value (%)	96	79
Standard deviation (%)	25.9	4.7
Relative standard deviation (%)	27	6

Omethoate fortification level (mg/kg)	0.01 (plant)	0.01 (pod)
Mean value (%)	67	72
Standard deviation (%)	1.2	2.3
Relative standard deviation (%)	1.8	3.2

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CHA Doc. No. 134 DMT; Pistel, F.; DTF Doc. No. 581-003. Dimethoate Residue Trials within the EC Member States; 1993.

Note : this report contained summary data only – no details were provided on methods, recoveries or storage stability.

FRENCH BEANS

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	French beans
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	45
Content of a.i.	400 g/L	Page	1 /1
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion.Roxion	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
533-5101	152169/1A 6703 Limburgerhof	VP 0061/ Orbit	H 06 Oct	-	-	0.04	12/09/69	20 days before harvest	r.a.c.	0.60 0.50 0.50 0.10 <0.02	00 04 07 17 24	<0.02 <0.02 <0.02 <0.02 <0.02
533-5102	8/71 6501 Schwabenhaim	VP 0061 Saxa	H 11 Aug	-	-	0.04	21/07/69 28/07/69 01/08/69 04/08/69 07/08/69 11/08/69	-	r.a.c.	0.20 0.12 0.14 0.05 <0.02 <0.02	00 04 07 10 14 21	0.02 0.02 0.04 0.03 0.04 0.03
533-5103	34/75 6501 Schwabenhaim	VP 0061 Saxa	H 09 Sep	-	-	0.04	30/07/74 19/08/74	Shortly before beans are ripe for picking	r.a.c.	0.73 0.23 0.14 0.03 <0.02	00 04 07 14 21	<0.02 0.02 0.05 0.02 0.04

2.13 Cereals

WHEAT

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Wheat
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	47
Content of a.i.	404 g/L Rogor, 400 g/L Perfekthion, Roxion	Page	1 /3
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Rogor, Perfekthion, Roxion	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck, C.F. Spiess & Sohn	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
534-4001	Rogor 74/2A 1 6719 Kleinkarlbach	GC 0654/ Grain Kolibri	H 22 Aug	0.26	600	0.04	15/07/74 29/07/74	T-U	Grain Grain Straw Straw	0.01 <0.01 0.19 0.12	15 24 15 24	0.04 0.02 0.03 0.02
534-4002	152 I 70/3E 3339 Jerxheim	GC 0654 Jubilar	H 12 Aug	0.18	450	0.04	25/06/70	-	r.a.c.	Approx <0.02	48	-
534-4003	A 00025 6719 Obersuelzen	GC 0654 Vuka	S/P 5 Oct H 11 Aug	0.24	400	0.06	09/06/82 16/06/82	Anthesis complete	Plants Plants Plants Plants Grain Straw	3.27 0.12 0.06 0.02 <0.01 <0.01	00 13 20 28 56 56	0.08 0.09 0.04 0.02 <0.01 <0.01
534-4004	Spi 003239 8311 Sta 534-4	GC 0654/ Okapi	S/P 05 Oct F 10-18 June H 07 Aug	0.24	400	0.06	09/06/82 15/06/82	Anthesis complete	r.a.c.	2.28 0.09 0.01 0.02 <0.01 <0.01 <0.01	00 14 21 28 35 51 51	0.07 0.09 0.02 <0.01 <0.01 <0.01 <0.01

377 APPENDIX 8: RESIDUES DATA SUPPLIED BY REGISTRANTS

SCC Project 104-013-03			Crop/crop group		Wheat	
Responsible body for reporting (name address)		Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151		Submission date		April 20, 1993
Country:		Germany		Table		47
Active ingredient		Dimethoate		Page		2 /3

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
534-4005	28/71 6501 Schwabenheim	GC 0654 Kolibri	H 19 Aug	0.24	-	-	15/06/71 30/06/71	-	Grain Straw	<0.02 <0.02 <0.05 <0.05	65 50	-
534-4006	28/71/2 6501 Schwabenheim	GC 0654 Kolibri	H 19 Aug	0.24	600	0.04	15/06/71 30/06/71	-	Grain Straw	<0.02 <0.05	50 50	-
534-4007	29/71 6501 Schwabenheim	GC 0654/ Kolibri	H 19 Aug	0.24	-	-	15/07/71 29/17/71 05/08/71	-	Grain Straw	<0.02 <0.02 <0.02 <0.02 0.24 0.21	14 21 35 14 21 35	-
534-4008	6719 Kleinkarlbach	GC 0654/ Kolibri	H 22 Aug	0.26	600	0.04	15/07/74 29/07/74	T-U	r.a.c.	0.01 <0.01	15 24	0.04 0.02
534-4009	38/75 5509 Talling	GC 0654 Kolibri	H 17 Sep	0.24	-	-	10/09/74 17/09/74	En534-40 ripening phase	r.a.c.	<0.02 <0.02	14 21	<0.02 <0.02
534-4010	Spi A 00025 6719 Obersülzen	GC 0654 Vuka	S/P 05 Oct H 11 Aug	0.24	400	0.06	09/06/82 16/06/82	Anthesis complete	Plant Plant Plant Plant Grain Straw	3.27 0.12 0.06 0.02 <0.01 <0.01	00 13 20 28 56 56	0.08 0.09 0.04 0.02 <0.01 <0.01

SCC Project 104-013-03		Crop/crop group	Wheat
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	47
Active ingredient	Dimethoate	Page	3 /3

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
534-4011	15211182/4A 6701 Ruchheim	GC 0654 Vuka	S/P 07Oct F 7-11 June H 23 July	0.24	400	0.06	20/06/82 15/06/82	Beginnin g of anthesis	Plant	1.96	00	0.12
									Plant	0.05	13	0.05
									Plant	<0.05	20	<0.05
									Plant	<0.05	27	<0.05
									Straw	<0.05	35	<0.05
									Grain	<0.05	35	<0.05
									Straw	<0.05	42	<0.05
									Grain	<0.05	42	<0.05

BARLEY

RESIDUES DATA SUMMARY FROM SUPERVISED TRIALS (SUMMARY) (Application on agricultural and horticultural)		Active ingredient	Dimethoate
SCC Project 104-013-03		Crop/crop group	Barley
Responsible body for reporting (name address)	Dimethoate Taskforce, D-6507 Ingelheim, Selztalstraße 151	Submission date	April 20, 1993
Country:	Germany	Table	48
Content of a.i.	400 g/L (Perfekthion, Roxion)	Page	1 /1
Formulation (e.g. WP)	EC	Indoor/outdoor	outdoor
Commercial product (name)	Perfekthion, Roxion	Other a.i. in formulation	None
Producer of commercial product	BASF, Celamerck	Residues calculated as	Dimethoate or Omethoate

DTF Doc. No.	Report-No. Location incl. Postal Code	Commodity / Variety	Date of S/P Sowing or planting F Flowering H Harvest	Application rate per treatment			Dates of treatments or no. of treatment and last date	Growth stage at last treatment or date	Portion analysed	Residues (mg/kg)	PHI (days)	Remarks
				kg a.i./ha	Water (l/ha)	Kg a.i./hl						Omethoate (mg/kg)
534-4301	C 824572 6501	GC 0640 Aura	S/P 26 March H 22 July	0.24	400	0.06	04/06/82 21/06/82	Emergence of inflorescence complete	Plant	10.10	00	0.58
									Plant	0.34	07	0.39
									Plant	0.03	14	0.04
									Plant	0.03	21	0.05
									Corn	<0.02	31	<0.02
									Straw	0.05	31	<0.02

ABBREVIATIONS FOR APPENDIX 7

ai	Active ingredient
DAT	Days after treatment
GC-MSMS	gas chromatography–mass spectrometry (measures and identifies chemicals)
LC-MSMS	liquid chromatography with a tandem mass spectrometric detector (used in chemical analysis)
LOD	Limit of Detection
LOQ	Limit of Quantitation
N/A	not available
r.a.c.	Raw Agriculture Commodity
RSD	relative standard deviation
SIM	Selected Ion Monitoring (measures and identifies chemicals)
SD	standard deviation
UTC	untreated control