

Commodity	Application	Country	Table no.
Rape (Canola)	Seed treatment	France, UK	111
Cotton seed	Seed treatment	Greece, USA	112
Chives	Foliar	USA	113
Basil	Foliar	USA	114
Wheat forage and straw	Seed treatment	France, Germany, Switzerland	115
Rye forage and straw	Seed treatment	Denmark	116
Barley forage and straw	Seed treatment	France, Germany, Switzerland	117
Maize (Field Corn) and Sweet Corn forage and fodder	Seed treatment	France, Germany, Greece, Hungary, South Africa, Spain, USA	118
Sorghum forage, hay, fodder, and silage	Seed treatment	USA	119
Rape (Canola) forage and straw	Seed treatment	France, Sweden, USA	120

In general, method AG-597 was used for trials in the USA and method REM 133 for trials in Europe and elsewhere. In some of the European trials method REM 133 was modified by using only one HPLC column with a fluorescence detector (excitation 265 nm, emission 312 nm). Unless noted otherwise, concurrent recovery analyses were conducted with the field trial analyses, including fortifications at the LOQ.

Citrus fruits

Table 64: Fludioxonil residues resulting from post-harvest application to citrus in the USA.

Location Year (variety)	Form	Application rate	No	Sample	PHI days	Fludioxonil residue mg/kg	Author Date Study No
<i>Dip treatment with storage wax¹</i>							
		(g ai/hL)					
California 2001 (Valencia)	50 WP	120	1	Orange, Whole fruit	0	3.39, 2.21 (2.8)	Thompson 2003 IR4-07947
California 2001 (Eureka)	50 WP	120	1	Lemon, whole fruit	0	3.28, 3.02 (3.2)	Thompson 2003 IR4-07947
California 2001 (Ruby Red)	50 WP	120	1	Grapefruit, whole fruit	0	4.16, 3.43 (3.8)	Thompson 2003 IR4-07947
California 2001 (Eureka)	50 WP	120	1	Lemon, whole fruit	0	3.29, 2.45 (2.9)	Thompson 2003 IR4-07947
Texas 2001 (Ruby Red)	50 WP	120	1	Grapefruit, whole fruit	0	6.79, 3.53 (5.2)	Thompson 2003 IR4-07947
Florida 2001 (Valencia)	50 WP	108	1	Orange, whole fruit	0	1.56, 1.28 (1.4)	Thompson 2003 IR4-07947
<i>Packing line spray with storage wax¹</i>							
		(g ai/250,000 kg fruit)					

Location Year (variety)	Form	Application rate	No	Sample	PHI days	Fludioxonil residue mg/kg	Author Date Study No
California 2001 (Valencia)	50 WP	1000 (applied in 90.7 L)	1	Orange, whole fruit	0	1.09, 0.91 (1.0)	Thompson 2003 IR4-07947
California 2001 (Eureka)	50 WP	1000 (applied in 95.9 L)	1	Lemon, whole fruit	0	1.14, 1.01 (1.1)	Thompson 2003 IR4-07947
California 2001 (Ruby Red)	50 WP	1000 (applied in 93.6 L)	1	Grapefruit, whole fruit	0	1.28, 0.61 (0.94)	Thompson 2003 IR4-07947
California 2001 (Eureka)	50 WP	930 (applied in 88.1 L)	1	Lemon Lemon - processing sample Juice Oil Pulp	0	0.54, 0.53 (0.54) 0.65 <0.02 39.7 1.39	Thompson 2003 IR4-07947
<i>Dip treatment without storage wax</i>							
		(g ai/hL)					
California 2001 (Valencia)	50 WP	120	1	Orange, whole fruit Peel Flesh	0	2.99, 1.41 (2.2) 1.92, 0.55 3.35, 0.92	Thompson 2003 IR4-07947
California 2001 (Eureka)	50 WP	120	1	Lemon, whole fruit	0	1.13, 1.04 (1.1)	Thompson 2003 IR4-07947
California 2001 (Ruby Red)	50 WP	120	1	Grapefruit, whole fruit	0	0.98, 0.92 (0.96)	Thompson 2003 IR4-07947
California 2001 (Eureka)	50 WP	120	1	Lemon, whole fruit	0	1.39, 0.64 (1.0)	Thompson 2003 IR4-07947
Texas 2001 (Ruby Red)	50 WP	120	1	Grapefruit, whole fruit	0	1.42, 1.31 (1.4)	Thompson 2003 IR4-07947
Florida 2001 (Valencia)	50 WP	120	1	Orange, whole fruit	0	0.96, 0.85 (0.90)	Thompson 2003 IR4-07947
<i>Packing line spray without storage wax, followed by shipping wax² treatment</i>							
		(g ai/250,000 kg fruit)					
California 2001 (Valencia)	50 WP	1000 (applied in 91.6 L)	1	Orange, whole fruit	0	0.49, 0.48 (0.48)	Thompson 2003 IR4-07947
California 2001 (Eureka)	50 WP	1000 (applied in 87.6 L)	1	Lemon, whole fruit	0	0.47, 0.46 (0.46)	Thompson 2003 IR4-07947
California 2001 (Ruby Red)	50 WP	1000 (applied in 95.9 L)	1	Grapefruit, whole fruit	0	0.62, 0.40 (0.51)	Thompson 2003
<i>Post-harvest dip with storage wax¹ followed by dip without wax</i>							
		(g ai/hL)					
California 2001 (Valencia)	50 WP	120 + 120	1	Orange, whole fruit	0	2.96, 2.86	Thompson 2003 IR4-07947
California 2001 (Eureka)	50 WP	120 + 120	1	Lemon, whole fruit	0	3.11, 2.56	Thompson 2003 IR4-07947
California 2001 (Ruby Red)	50 WP	120 + 120	1	Grapefruit, whole fruit	0	4.57, 4.25	Thompson 2003 IR4-07947

Location Year (variety)	Form	Application rate	No	Sample	PHI days	Fludioxonil residue mg/kg	Author Date Study No
California 2001 (Eureka)	50 WP	120 + 120	1	Lemon, whole fruit	0	4.28, 2.01	Thompson 2003 IR4-07947
Texas 2001 (Ruby Red)	50 WP	120 + 120	1	Grapefruit, whole fruit	0	6.85, 5.25	Thompson 2003 IR4-07947
Florida 2001 (Valencia)	50 WP	120 + 108	1	Orange, whole fruit	0	1.98, 1.40	Thompson 2003 IR4-07947
<i>Packing line spray with storage wax¹, followed by wash³, followed by packing line spray without storage wax, followed by shipping wax² treatment</i>							
		(g ai/1250,000 kg fruit)					
California 2001 (Valencia)	50 WP	1000 (in 93.1 L) + 1000 (in 91.9 L)	1	Orange, whole fruit	0	0.70, 0.41	Thompson 2003 IR4-07947
California 2001 (Eureka)	50 WP	1000 (in 98.8 L) + 1000 (in 96.6L)	1	Lemon, whole fruit	0	1.01, 0.65	Thompson 2003 IR4-07947
California 2001 (Ruby Red)	50 WP	1000 (in 94.9 L) + 1000 (in 94.1 L)	1	Grapefruit, whole fruit	0	0.55, 0.49	Thompson 2003 IR4-07947

¹ Decco 202 storage wax² Decco 400 shipping wax³ Decco Fruit & Vegetable Kleen 241

Pome fruits

Table 65: Fludioxonil residues resulting from post-harvest application to apples in the USA.

Location Year (variety)	Form	Method	Fludioxonil residue, mg/kg ⁴	Author, Date Study No. Syn No
California 2001 (Fuji)	WP 50	Dip treatment ¹	1.1, 0.76 (0.93)	Thompson. Ediger 2003 IR4 07568 1751-02
	WP 50	Packing line spray ²	1.7, 1.26 (1.5)	
	WP 50	Dip treatment ³ followed by packing line spray ²	2.4, 2.07 (2.2)	
Idaho 2001 (Red Spur Delicious)	WP 50	Dip treatment ¹	0.75, 0.59 (0.67)	Thompson. Ediger 2003 IR4 07568 1751-02
Michigan 2001 (Red Delicious)	WP 50	Dip treatment ¹	0.52, 0.35 (0.44)	Thompson. Ediger 2003 IR4 07568 1751-02
New Jersey 2001 (McIntosh)	WP 50	Dip treatment ¹	0.56, 0.50 (0.53)	Thompson. Ediger 2003 IR4 07568 1751-02

Location Year (variety)	Form	Method	Fludioxonil residue, mg/kg ⁴	Author, Date Study No. Syn No
Washington 2001 (Red Delicious)	WP 50	Dip treatment ¹	1.1, 0.72 (0.91)	Thompson. Ediger 2003 IR4 07568 1751-02
	WP 50	Packing line spray ²	0.68, 0.57 (0.62)	
	WP 50	Dip treatment ³ followed by packing line spray ³	2.2, 1.8 (2.0)	

¹post-harvest dip: 0.06 kg ai/hl – dip solution includes carnuba packing wax, fruit dipped 2 min (± 10 s)

²packing line spray 0.25 kg ai in low pressure/low volume post-harvest packing line spray in approx. 30–105 l of water+ carnuba fruit wax per 100,000 kg fruit

³post-harvest dip 0.06 kg ai/hl (no carnuba packing wax); fruit dipped 2 min (± 10 s)

⁴results from replicate treatments are on same line

Table 66: Fludioxonil residues resulting from post-harvest application to pears in the USA.

Location Year variety	Form	Method	Conc. kg ai/hl	Fludioxonil residue, mg/kg	Author, Date Study No.
NJ 2000 Bartlett	WP 50	drench ¹	0.06	0.76, 0.71	Starnes 2001 556-00
		dip ²	0.06	1.2, 0.79	
CA 2000 Shinko	WP 50	drench ¹	0.06	1.6, 1.3	Starnes 2001 556-00
		packing line spray ³	0.06	2.5, 1.4	
		drench ¹ then packing line spray ³	2 x 0.06	2.8, 2.7 (2.8)	
		dip ⁴	0.06	2.7, 1.6	
WA 2000 Anjou	WP 50	drench ¹	0.06	1.3, 1.1	Starnes 2001 556-00
		packing line spray ⁵	0.06	1.6, 1.3	
		drench ¹ then packing line spray ⁵	2 x 0.06	1.6, 1.5 (1.6)	
		dip ²	0.06	0.68, 0.67	
ID 2000 Anjou	WP 50	drench ¹	0.06	3.5, 2.2	Starnes 2001 556-00
		dip ²	0.06	1.4, 0.93	

¹fludioxonil drench 0.048 kg ai/hl water

²fludioxonil dip 0.048 kg ai/hl + fruit wax (10 l into 40 l water)

³fludioxonil packing line spray 0.2 – 0.6 kg ai/hl + undiluted carnuba wax

⁴fludioxonil dip 0.06 kg ai/hl + carnuba wax

⁵fludioxonil packing-line spray 0.2 – 0.6 kg ai/hl + undiluted carnuba wax per 200,000 lb (= 90,720 kg) fruit

Table 67. Fludioxonil residues in pears from supervised trials in Italy, France and Spain after foliar application.

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No.
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
Italy 1996 (Kaiser)	WG 62.5	0.25	0.020	1200	3	0B*	0.08	Walser 1997 2063/96
						0	0.31	
						7	0.15	

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No.
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
						14 21	0.07 0.04	0975
Italy 1996 (Kaiser)	WG 62.5	0.25	0.025	1000	3	0B* 0 7 14 21	0.11 0.48 <u>0.21</u> 0.20 0.14	Walser 1997 2064/96 0976
Italy 1998 (Abate Fetel)	WG 62.5	0.25	0.017	1500	3	0B* 0 7 14 21	0.10 0.21 <u>0.18</u> 0.10 0.09	Walser 1998 2072/97 1117
Italy 1997 (Kaiser)	WG 62.5	0.25	0.020	1200	3	14	0.18, 0.13	Walser 1997 2065/96 0977
Italy 1997 (Williams)	WG 62.5	0.25	0.016	1500	3	14	0.03, 0.03	Walser 1998 2071/97 1116
France, South 1997 (Williams)	WG 62.5	0.25	0.027	931-949	3	0B* 0 3 7 14 21	0.08 0.29 0.14 <u>0.14</u> 0.12 0.10	Walser 1998 2161/97 1120
Spain 1997 (Conference)	WG 62.5	0.25	0.013	1912- 1915	3	0B* 0 3 7 14 21	0.03 0.44 0.35 <u>0.28</u> 0.08 0.04	Walser 1998 2055/97 1119
Spain 1997 (Blanquilla)	WG 62.5	0.24- 0.25	0.023 - 0.025	1433 – 1630	3	14	0.19, 0.22	Walser 1998 2054/97 1118
Spain 2001 (Blanquilla)	WG 62.5	0.25- 0.26	0.021 - 0.025	1051- 1067	2	7	0.38, 0.2 <u>(0.32)</u>	Solé 2002 2090/01 5528
Spain 2001 (Blanquilla)	WG 62.5	0.26- 0.27	0.025	1108- 1215	2	7	0.47, 0.25 <u>(0.36)</u>	Solé 2002 2091/1 5529

*0B: before final application

Stone fruits

Table 68: Fludioxonil residues resulting from post-harvest application to peaches in the USA.

Location Year (variety)	Form	Method	Treatment concentration kg ai/hl	Fludioxonil residue, mg/kg ³	Author, Date Study No. Syn No
California 1998 (Elegant Lady)	WP 50	Packing line spray ¹	0.02 0.03 0.06	0.16, 0.10 0.18, 0.05 0.55, 0.19 <u>(0.37)</u>	Ediger & Thompson 1999 833-99
S Carolina 1998	WP 50	Packing line spray ²	0.02 0.03	0.21, 0.15 0.37, 0.17	Ediger & Thompson

Location Year (variety)	Form	Method	Treatment concentration kg ai/hl	Fludioxonil residue, mg/kg ³	Author, Date Study No. Syn No
(Jefferson)			0.06	0.49, 0.35 (0.42)	1999 833-99
California 1998 (Goldcrest)	WP 50	Post-harvest dip ¹	0.02 0.03 0.06	1.7, 1.5 2.2, 2.1 3.6, 3.5 (3.6)	Thompson &Ediger 1999 455-98
California 2000 (Elegant Lady)	WP 50	High volume spray Low volume spray Low volume spray Low volume spray Post-harvest dip	0.06 0.06 0.045 0.03 0.06	1.8, 1.3 (1.6) 2.8, 2.7 (2.8) 1.9, 1.3 1.7, 1.2 3.8, 3.0 (3.4)	Thompson& Ediger 2000 878-00 5482

¹DECCO LUSTR 251 fruit wax added at 25 l/100L

²DECCO LUSTR 282 fruit wax added at 5 l/100L

³Fruit was air-dried and de-stoned after treatment

Table 69. Fludioxonil residues in peaches following foliar application in supervised trials in Italy, France, and Spain.

Country Year (variety)	Application					PHI Days	Fludioxonil residue, mg/kg	Author, Date Study No.
	Form.	kg ai/ha	kg ai/hl	l/ha	No.			
Italy 2001 (Flavorcrest)	WG 62.5	0.25	0.021	1200	2	0 3 7 14	0.10 0.12 0.11, 0.05 0.08	Ryan 2002 2047/01 5479
Italy 2001 (Red Moon)	WG 62.5	0.25	0.021	1200	2	0 3 7 14	0.43 0.09 0.06, 0.03 0.04	Ryan 2002 2045/01 5480
Italy 2001 (Stark Red Gold)	WG 62.5	0.25 -	0.021	1200 -	2	0 3 7 14	0.09 0.12 0.07, 0.06 0.08	Ryan 2002 2046/01 5481
Italy 2001 (Carson)	WG 62.5	0.25	0.021	1215	2	0 3 7 14	0.60 0.31 0.31, 0.23 0.23	Ryan 2002 2048/01 5483
Italy 1996 (Fayette)	WG 62.5	0.20	0.020 - 0.025	800- 1000	3	0B* 0 7 14 21	0.16 0.43 0.29 0.23 0.17	Walser 1997 2058/96 0978
Italy 1997 (Bella di Imola)	WG 62.5	0.20	0.013 - 0.020	1000 - 1500	3	0B* 0 7 14 21	<0.02 0.10 <0.02 <0.02 0.02	Walser 1998 2068/97 1147
France, South 2002 (Symphonie)	WG 62.5	0.25 - 0.27	0.025	1002 - 1074	2	0B* 0 3 7 10 14	0.17 0.23 0.28 0.19 0.16 0.11	Solé 2003 02-2131 5599
France, South 1994 (Queen Ruby)	WG 62.5	0.15	0.018	833	3	0B 0 7 14 28	0.04 0.17 0.06 0.06 0.03	Maffezzoni 1995 OF94154 0597
France, South	WG	0.15	0.016	926	3	0B	0.08	Maffezzoni

Country Year (variety)	Application					PHI Days	Fludioxonil residue, mg/kg	Author, Date Study No.
	Form.	kg ai/ha	kg ai/hl	l/ha	No.			
1994 (Symphonie)	62.5					0 5 14 28	0.10 0.11 <u>0.04</u> 0.03	1995 OF94154 0597
Spain 2002 (Androx)	WG 62.5	0.25	0.025	990 - 1005	2	0B* 0 3 7 10 14	0.24 0.53 0.63 0.48 0.50 <u>0.33</u>	Solé 2003 02-2128 5600
Spain 2002 (Sudanel)	WG 62.5	0.24 – 0.25	0.025	954 - 1003	2	0B* 0 3 7 10 14	0.28 0.53 0.56 0.37 0.26 <u>0.29</u>	Solé 2003 02-2129c 5602

*0B: before final application

Table 70. Fludioxonil residues resulting from post-harvest application to plums in California, USA (Thompson and Ediger, Report 834-99, 1999).

Year (variety)	Form	Method	Treatment concentration kg ai/hl	Fludioxonil residue, mg/kg ³
Trial CA31 1998 (Casselman)	WP 50	Packing line spray ¹	0.02 0.03 0.06	0.12, 0.09 (0.10) 0.05, 0.05 (0.05) 0.10, 0.09 <u>(0.10)</u>
Trial CA32 1998 (Casselman)	WP 50	Packing line controlled droplet application ²	0.02 0.03 0.06	0.14, 0.13 (0.14) 0.47, 0.42 (0.44) 1.06, 0.79 <u>(0.92)</u>

¹DECCO LUSTR 251 fruit wax added at 25 l/100L

²DECCO LUSTR 251 fruit wax added at 75 l/100L

³Fruit was air-dried and de-stoned after treatment. Results are duplicate samples, not duplicate trials.

Table 71. Fludioxonil residues in plums after foliar application from supervised trials in Italy, France, Germany, and Switzerland.

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, date Study No. Syn No
	Form	kg ai/ha ¹	kg ai/hl	Water, l/ha	No.			
Italy 2000 (Angelina)	WG 62.5	0.25	0.025	1200	3	0 3 7 14 21	0.05 0.03 0.06 <u>0.04</u> 0.02	Ryan 2002 2089/01 5505
Italy 2000 (Black Star)	WG 62.5	0.25	0.025	1000	3	14	<u>0.065</u>	Salvi 2001 2103/00 5380

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, date Study No. Syn No
	Form	kg ai/ha ¹	kg ai/hl	Water, l/ha	No.			
Italy 2000 (Regina)	WG 62.5	0.25	0.025	996- 1000	3	0 7 14 21	0.08 0.09 0.05 <u>0.09</u>	Salvi 2001 2102/00 5394
France, South 1994 (707/GF801)	WG 62.5	0.15	0.030	500	3	0B* 0 7 14 28	0.02 0.05 0.05 <u>0.03</u> 0.02	Maffezzoni 1995 OF94156 0599
France, South 1994 (President)	WG 62.5	0.15	0.015	1000	3	0B* 0 7 14 28	0.02 0.05 0.06 <u><0.02</u> <u><0.02</u>	Maffezzoni 1995 OF94156 0599
Switzerland 1997 (Fellenberg)	WG 62.5	0.22	0.015	1500	3	0B* 0 7 11 14	0.05 0.29 0.18 0.11 <u>0.06</u>	Walser 1998 2342/97 1162
Switzerland 1997 (Fellenberg)	WG 62.5	0.22	0.015	1500	3	0B* 0 7 11 14	0.04 0.24 0.14 0.11 <u>0.17</u>	Walser 1998 2343/97 1163
Switzerland 1997 (Fellenberg)	WG 62.5	0.22	0.015	1500	3	0B* 0 7 10 14	0.02 0.25 0.09 0.08 <u>0.11</u>	Walser 1998 2344/97 1164
Germany 1998 (Cak-Cak's Beste)	WG 62.5	0.22	0.015	1500	3	0 7 10 14	0.05 0.03 0.04 <u>0.05</u>	Smith 1999 gr 91898 4976
Germany 1999 (Hauszwetschge)	WG 62.5	0.19– 0.23	0.015	1265 – 1545	3	0 7 10 14	0.19 0.09 0.10 <u>0.10</u>	Smith 1999 gr 92998 4977
Germany 1998 (Hauszwetschge Schäfer)	WG 62.5	0.22	0.015	1500	3	0 7 10 14	0.32 0.07 0.13 <u>0.06</u>	Smith 2000 gr 90898 5205
Germany 2000 (Hauszwetschge)	WG 62.5	0.22	0.015	1500	3	0 14	0.17 0.07, 0.07 <u>(0.07)</u>	Simon 2001 gr 36800 5438

*0B: before final application

¹Calculated from spray volume/ha and spray concentration

Table 72. Fludioxonil residues resulting from post-harvest application to cherry in the USA (Ediger and Thompson, Report 06933, 1999).

Location, Year (variety)	Form	Method	Treatment concentration kg ai/hl	Fludioxonil residue, mg/kg ³
California 91 1998 (Bing)	WP 50	Packing line spray ¹	0.02 0.03 0.06	0.19, 0.16 0.42, 0.15 0.78, 0.57 (0.68)
Michigan 21	WP 50	Packing line spray ²	0.02	0.15, 0.08

Location, Year (variety)	Form	Method	Treatment concentraton kg ai/hl	Fludioxonil residue, mg/kg ³
1998 (Hedelfingen)			0.03 0.06	0.20, 0.19 0.27, 0.1 (0.19)
Washington 1998 (Chinook)	WP 50	Packing line spray ¹	0.02 0.03 0.12	0.73, 0.73 0.50, 0.44 1.08, 0.91
Washington 1998 (Chinook)	WP 50	Packing line spray ¹	0.02 0.03 0.12	0.34, 0.28 0.53, 0.49 1.2, 1.2

¹Fruit wax (DECCO LUSTR 251) was added at 5 l/100L

²No fruit wax added

Table 73. Fludioxonil residues in cherries after foliar application from supervised trials in France, Germany, Italy, and Switzerland.

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
Germany 1998 (Schneiders späte Knorpel)	WG 62.5	0.22	0.015	1500	3	0	0.63	Smith gr 93898 1999 4978
						7	0.16	
						10	0.17	
						14	0.16	
Germany 1998 (Van)	WG 62.5	0.22	0.015	1500	3	0	0.56	Smith gr 94898 1999 4979
						7	0.17	
						10	0.25	
						14	0.23	
Switzerland 1996 (Sunburst)	WG 62.5	0.15	0.015	1000	3	0B*	0.11	Walser 1997 2023/96 0965
						0	0.34	
						7	0.09	
						14	0.04	
						21	0.03	
Switzerland 1996 (Burlat)	WG 62.5	0.15	0.015	1000	3	14	0.07, 0.03	Walser 1997 2024/96 0972
Italy 1996 (Stella)	WG 62.5	0.15	0.015- 0.019	800 - 1000	3	0B*	0.18	Walser 1997 2059/96 0979
						0	0.43	
						7	0.12	
						14	0.02	
						21	0.02	
France (North) 1997 (Stanley)	WG 62.5	0.23	0.015	1512- 1555	3	7	0.16	Sole 2003 02-2122 5679
						14	0.08	

*0B: before final application

Berries and other small fruits

Table 74. Fludioxonil residues in grapes (berries) from supervised trials in Chile, South Africa, Spain, Greece Italy, France, Germany and Switzerland.

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
Chile 1996	WG 62.5	0.20 – 0.25	0.016 –	1225 – 1519	2	7	0.27, 0.22 (0.24)	Walser 1996

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
(Thompson Seedless)			0.017					2218/95 0840
Chile 1996 (Thompson Seedless)	WG 62.5	0.20 – 0.25	0.017 – 0.020	975 – 1497	2	7	0.21, 0.16 (0.18)	Walser 1996 2219/95 0841
Chile 1996 (Thompson Seedless)	WG 62.5	0.20 – 0.25	0.020 – 0.025	797- 1236	2	7	0.32, 0.25 (0.28)	Walser 1996 2224/95 0846
Chile 1996 (Thompson Seedless)	WG 62.5	0.20- 0.25	0.020 - 0.025	804- 1243	2	7	0.30, 0.27 (0.28)	Walser 1996 2226/95 0848
South Africa 1998 (S.A. Reisling)	WG 62.5	0.20	0.020	1000	2	0B* 0 3 7 14 21 28	0.02 0.22 0.17 0.25 0.16 0.21 0.10	Walser 1999 2408/97 1380
Spain 1996 (Mazuelo)	WG 62.5	0.25	0.030 - 0.050	496 –826	2	0B* 0 7 14 21	<0.02 0.6 0.51 0.12 0.22	Walser 1997 2007/96 0928
Spain 1996 (Macabeo)	WG 62.5	0.24 - 0.26	0.038	613 - 678	2	0B* 0 7 14 21 28	0.10 1.62 1.32 0.76 0.41 0.30	Walser 1997 2008/96 0962
Greece 2002 (Black Corinth)	WG 62.5	0.25	0.025	995	2	0 7 15	0.34 0.41, 0.22 (0.32) 0.38	Kühne 2003 02-2111 5574
Greece 2002 (Sultana)	WG 62.5	0.25	0.025	995	2	0 7 14	0.62 0.42, 0.39 (0.40) 0.35	Kühne 2003 02-2112 5575
Greece 2002 (Sultana)	WG 62.5	0.25	0.025	996	2	0 7 14	0.59 0.37, 0.36 (0.36) 0.26	Kühne 2003 02-2113 5576
Italy 1994 (Trebbiano Romagnolo)	WG 62.5	0.25	0.025	1000	2	0 7 14 21	0.59 0.55 0.63 0.43	Kissling 1995 2109/94 0658
Germany 1995 (Dornfelder)	WG 62.5	0.30	0.038	800	2	0 13 28 36 41	1.15 0.50 0.36 0.28 0.24	Ipach 1996 gr51295 0717
Germany 1995 (Scheurebe)	WG 62.5	0.30	0.038	800	2	0 13 28 34 41	0.67 0.47 0.33 0.17 0.20	Ipach 1996 gr51195 0718
Germany 1995 (Muller-Thurgau)	WG 62.5	0.30	0.038	800	2	0 13 28 34	0.95 0.53 0.34 0.31	Ipach 1996 gr51095 0719

Country Year (variety)	Application					PHI days	Fluidioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
						41	0.24	
Germany 1994 (Kerner)	WG 62.5	0.30	0.038	800	2	0B* 0 14 29 34 43	0.16 0.62 0.36 0.25 <u>0.17</u> 0.16	Raum 1996 gr5094 0813
Germany 1994 (Dornfelder)	WG 62.5	0.30	0.038	800	2	0B* 0 14 29 34 43	0.27 0.68 0.32 0.20 <u>0.24</u> 0.21	Raum 1996 gr5094 0813
Germany 1999 (Kerner)	WG 62.5	0.30	0.015	2000	2	0 21 35 42	0.43 0.16 <u>0.21</u> 0.12	Smith 2000 gr42899 5123
Switzerland 1994 (Pinot Noir)	WG 62.5	0.30	0.038	800	2	0 35 42 50	5.2 1.4 1.2 <u>1.6</u>	Kissling 1995 2057/94 1136
Switzerland 1994 (Chasselas)	WG 62.5	0.30	0.038	800	2	0 35 42 49	3.8 0.66 <u>0.90</u> 0.60	Kissling 1995 2058/94 1137
Switzerland 1994 (Chasselas)	WG 62.5	0.30	0.038	800	2	0 36 43 49	2.7 1.30 1.10 <u>1.40</u>	Kissling 1995 2059/94 1138
Switzerland 1995 (Chasselas)	WG 62.5	0.30	0.038	800	2	0B* 0 14 28 35 42	0.07 1.49 1.19 0.79 <u>0.99</u> 0.41	Walser 1996 2049/95 1092
Switzerland 1995 (Pinot Noir)	WG 62.5	0.30	0.038	800	2	0B* 0 14 28 35 42	0.14 3.3 1.4 1.2 <u>1.6</u> 1.0	Walser 1996 2050/95 1093
Switzerland 1993 (Chasselas)	WP50	0.50	0.063	800	1	63	0.77, 0.60	Mair 1997 2047/92-96 0466
Switzerland 1992 (Chasselas)	WP50	0.50	0.063	800	1	57	0.10, 0.08	Mair 1997 2047/92-96 0466
France, North 1989 (Sauvignon)	WP 50	0.50	0.050	100	2	45	0.26	Tournayre 1990 106/89 0020
France, North 1989 (Chardonnay)	WP 50	0.50	0.031	160	2	60	0.20	Tournayre 1990 108/89 0021
France, North 1989 (Chenin)	WP 50	0.50	0.050	100	2	45	0.30	Tournayre 1990 109/89 0022
France, North	WP	0.50	0.040	125	2	49	0.27	Tournayre

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
1989 (Reisling)	50							1990 112/89 0023
France, North 1989 (Pinot Noir)	WP 50	0.50	0.050	100	2	53	<0.02	Tournayre 1990 113/89 0024
France, North 1990 (Pinot Noir)	WP 50	0.50	0.046	110	2	62	0.23	Tournayre 1992 02/92 0158
France, North 1991 (Pinot)	WP 50	0.50	0.046	110	1	65	0.16	Tournayre 1991 0470F91 0161
France, North 1993 (Meunier 41B)	WP 50	0.50	0.025	204	1	66	0.42	Maffezzoni 1994 OF93162 0533
France, North 1993 (Gamay)	WP 50	0.50	0.033	150	1	73	0.24	Maffezzoni 1994 OF93162 0533
France, North 1993 (Sauvignon)	WP 50	0.50	0.033	150	1	73	0.05	Maffezzoni 1994 OF93162 0533
France 1993 (Semillon)	WP 50	0.50	0.033	152	1	70	0.05	Maffezzoni 1994 OF93162 0533

*0B: before final application

Table 75. Fludioxonil residues in strawberries from supervised outdoor trials in the USA and Europe.

Location, year (variety)	Application					PHI Days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	Water, l/ha	No.			
USA, New York 1996 (Tribute)	WP 50	0.28	0.060	468	4	0	0.71, 0.53 (0.62)	Van Geluwe 1997 ABR-97069
USA, California 1996 (Chandler)	WP 50	0.28	0.040	701	4	0	0.45, 0.41 (0.43)	Van Geluwe 1997 ABR-97069
USA, California 1996 (Camarosa)	WP 50	0.28	0.060	468	4	0	1.1, 1.0 (1.0)	Van Geluwe 1997 ABR-97069
USA, Florida 1996 (Oso Grande)	WP 50	0.28	0.035	797	4	0	1.2, 1.1 (1.2)	Van Geluwe 1997 ABR-97069
USA, Michigan 1996 (Allstar)	WP 50	0.28	0.058	474 - 489	4	0 6	0.30, 0.14 (0.22) 0.16, 0.10 (0.13)	Van Geluwe 1997 ABR-97069
USA, California 1996 (592)	WP 50	0.28	0.030	935	4	0 3	1.3, 1.3 (1.3) 1.5, 1.1	Van Geluwe 1997 ABR-97069

Location, year (variety)	Application					PHI Days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	Water, l/ha	No.			
							(1.3)	
USA, Oregon 1996 (Totem)	WP50	0.28	0.037	748	4	0	0.63, 0.46 (0.54)	Van Geluwe 1997 ABR-97069
USA, North Carolina 1996 (Chandler)	WP 50	0.28	0.060	467	4	0	1.3, 1.1 (1.2)	Van Geluwe 1997 ABR-97069
Germany 1995 (Korona)	WG 62.5	0.25	0.013	2000	3	0 3 5 7 10 12	0.30 0.09 0.07 0.04 <u>0.05</u> 0.04	Beinhauer 1996 FRI12/95/35 0720
Germany 1995 (Korona)	WG 62.5	0.25	0.013	2000	3	0 3 5 7 10 12	0.21 0.07 0.05 <u>0.05</u> 0.03 0.03	Beinhauer 1996 FRI12/95/44 0721
Germany 1995 (Korona)	WG 62.5	0.24- 0.25	0.024- 0.025	991- 1069	3	0 3 5 7 10 12	0.41 0.21 0.08 <u>0.04</u> 0.03 0.02	Leiblein 1996 95011 R 0722
Switzerland 1995 (Elvira)	WG 62.5	0.25	0.031	800	3	0 3 5 7 10 12	0.83 0.21 0.19 <u>0.13</u> 0.09 0.10	Walser 1996 2051/95 0716
Switzerland 1995 (Elsenta)	WG 62.5	0.25	0.031	800	3	0 3 6 8 10 13	0.23 0.23 0.12 <u>0.13</u> 0.14 0.09	Walser 1996 2052/95 1100
France, North 1995 (Pandora)	WG 62.5	0.25	0.050- 0.051	486-500	3	0B* 0 3 7 10 14	0.05 0.15 0.10 <u>0.09</u> 0.08 0.06	Maffezzoni 1996 OF95116/DE9 8 0781
France, North 2002 (Selva)	WG 62.5	0.25	0.025	1000	3	0 1 3 7 14	0.47 0.54 0.38, 0.32 <u>0.25</u> 0.13	Solé 2003 02-2059
UK 2002 (Florence)	WG 62.5	0.25 - 0.26	0.050	502-509	3	0 1 3 7 14	0.22 0.24 0.16, 0.15 <u>0.11</u> 0.06	Solé 2003 02-2054 5668
France, South 1995 (Chandler)	WG 62.5	0.25	0.050	500	3	0B* 0 3 7 10 14	0.39 0.94 0.89 <u>0.77</u> 0.65 0.60	Maffezzoni 1996 OF95116/AC9 7 0780
France, South 2001 (Mamie)	WG 62.5	0.23- 0.26	0.063	395-410	3	0 3	0.31 0.19, 0.18	Pointurier 2002 0110402

Location, year (variety)	Application					PHI Days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	Water, l/ha	No.			
								5485
France, South 2001 (Mara Style)	WG 62.5	0.25- 0.26	0.063	397-420	3	0 3	0.31 0.24, 0.21	Pointurier 2002 0110401 5486
Italy 2002 (Marmolada)	WG 62.5	0.26	0.025	1033 - 1040	3	0 1 3 7	0.27 0.31 0.27, 0.26 <u>0.14</u>	Solé 2003 02-2051 5636
France (South) 2002 (Ciloe)	WG 62.5	0.25 - 0.26	0.050	501 - 509	3	0 1 3 7 14	0.94 0.77 0.73, 0.68 <u>0.61</u> 0.29	Solé 2003 02-2057 5677
France (South) 2002 (Tetis)	WG 62.5	0.24 - 0.27	0.050	476 - 537	3	0 1 3 10 17	1.0 0.87 0.73, 0.72 0.48 0.35	Solé 2003 02-2058 5678
Spain 2002 (Camarrosa)	WG 62.5	0.24 - 0.25	0.025	955 - 996	3	0 1 3 7 14	0.65 0.70 0.61, 0.58 <u>0.64</u> 0.40	Solé 2003 02-2001 5643
Spain 2002 (Camarrosa)	WG 62.5	0.25	0.025	992 - 1004	3	0 1 3 7 14	0.95 0.77 1.04, 0.98 <u>0.83</u> 0.46	Solé 2003 02-2002 5644

Table 76. Fludioxonil residues in strawberries from supervised indoor trials in Spain, Italy, France, and the UK.

Country Year (variety)	Application					PHI Days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	Water, l/ha	No.			
Spain 1994 (Tulda)	WG 62.5	0.25	0.021	1150	3	0 3 7 14	2.7 <u>2.2</u> 1.9 1.0	Kissling 1995 2013/94 1098
Spain 1994 (OsoGrande)	WG 62.5	0.25	0.021	1150	3	0 3 7 14	1.3 <u>1.0</u> 0.11 0.08	Kissling 1995 2014/94 1099
Spain 2001 (Camarrosa)	WG 62.5	0.24- 0.25	0.025	944-986	3	0 3	0.57 0.48, 0.42 <u>(0.45)</u>	Ryan 2002 2056/01 5512
Spain 2001 (Camarrosa)	WG 62.5	0.25	0.025 - 0.026	961 - 984	3	0 3	0.58 0.45, 0.44 <u>(0.44)</u>	Ryan 2002 2055/01 5504
Italy 2001 (Onda)	WG 62.5	0.24- 0.25	0.025	958- 1010	3	0 3	0.17 0.26, 0.14 <u>(0.20)</u>	Ryan 2002 2050/01 5503
France, North	WG 62.5	0.22-	0.063	376-392	3	0	1.0	Pointurier

Country Year (variety)	Application					PHI Days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	Water, l/ha	No.			
2001 (Diamante)		0.245				3	0.31, 0.27 (0.29)	2002 0110301 5484
France, North 2001 (Diamante)	WG 62.5	0.23- 0.26	0.063	368-411	3	0 3	0.46 0.78, 0.54 (0.66)	Pointurier 2002 0110302 5495
France, North 2000 (Gariguette)	WG 62.5	0.25	0.063	400	3	0 3 7	0.26 0.24, 0.18 (0.21) 0.21	Pointurier 2001 0011102 5336
France, North 2001 (Chandler)	WG 62.5	0.25	0.063	400	3	0 3 7	0.71 0.44, 0.41 (0.42) 0.27	Pointurier 2002 0011101 5337
Switzerland 2001 (Marmelada)	WG 62.5	0.25	0.031	800	3	3	0.41, 0.24 (0.32)	Kühne 2003 2113-01 5629
Switzerland 2001 (Marmelada)	WG 62.5	0.25	0.031	800	3	3	0.21, 0.17 (0.19)	Kühne 2003 2114-01 5630

Table 77. Fludioxonil residues in raspberries from supervised trials in the USA and Germany.

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Report No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
USA, NC 1998 (Southland)	WG 62.5	0.24	0.053	463	4	0	4.17, 2.99 (3.6)	Starner 2001 IR-4 PR No 06838 US 1239-01
USA, NH 1998 (Heritage)	WG 62.5	0.24	0.048	489 - 506	4	0	1.05, 1.04 (1.0)	Starner 2001 IR-4 PR No 06838 US 1239-01
USA, WA 1998 (Meeker red)	WG 62.5	0.24 - 0.26	0.033 - 0.043	584 - 762	4	0	1.11, 0.81 (0.96)	Starner 2001 IR-4 PR No 06838 US 1239-01
USA, WA 199 (Meeker red)	WG 62.5	0.24 - 0.25	0.033 - 0.043	575 - 752	4	0	1.22, 0.88 (1.0)	Starner 2001 IR-4 PR No 06838 US 1239-01
USA, WA 1998 (Canby)	WG 62.5	0.24	0.040 - 0.043	576 - 613	4	0	1.04, 0.98 (1.0)	Starner 2001 IR-4 PR No 06838 US 1239-01
Germany 1999 (Autumn Bliss)	WG 62.5	0.25	0.013	2000	3	0 7 10 14	1.1 0.51 0.46 0.19	Smith 2001 gr 93899 0958
Germany	WG	0.25	0.013	1969	3	0	2.7	Smith

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Report No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
1999 (Himboqueen)	62.5			- 2004		7 9 14	0.61 0.26 0.24	2000 gr 94999 0959
Germany 2000 (Autumn Bliss)	WG 62.5	0.25	0.013	2000	3	0 7 10 14 21	<u>0.58</u> 0.50 0.32 0.25, 0.23 0.15	Simon 2001 gr39800 5421
Germany 2000 (Rumiloba)	WG 62.5	0.24- 0.26	0.012- 0.013	1902 - 2066	3	0 7 10 13 21	<u>1.1</u> 0.98 0.50 0.30, 0.29 0.20	Simon 2001 gr40900 5422

Table 78. Residues of fludioxonil in blueberries and currants from supervised trials in the USA and Germany.

Country, year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Report No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
BLUEBERRY								
USA, North Carolina ¹ 1998 – NC06 (Harrison)	WG 62.5	0.24	0.077	319-322	4	0	0.28, 0.25 (0.26)	Thompson 2001 06724
USA, North Carolina ¹ 1998 –NC07 (Harrison)	WG 62.5	0.24	0.077	321-326	4	0	0.16, 0.12 (0.14)	Thompson 2001 06724
USA, Maine 1998 – ME04 (wild blueberry)	WG 62.5	0.24	0.089	275-279	4	0	1.70, 1.16 (1.4)	Thompson 2001 06724
USA, New Jersey 1998 – NJ29 (Bluecrop)	WG 62.5	0.24	0.074	324-334	4	0	0.58, 0.47 (0.52)	Thompson 2001 06724
USA, Oregon 1998 – OR29 (Bludecrop)	WG 62.5	0.24	0.051	476-481	4	0	<0.05, <0.05 (<0.05)	Thompson 2001 06724
USA, Michigan 1998 – MI23 (Rubel)	WG 62.5	0.24	0.052	461-481	4	0	0.94, 0.87 (0.90)	Thompson 2001 06724
USA, Michigan 1998 – MI24 (Rubel)	WG 62.5	0.24	0.053	463-468	4	0	0.68, 0.68 (0.68)	Thompson 2001 06724
USA, Michigan 1998 –MI 25 (Rubel)	WG 62.5	0.24	0.052	461-481	4	0	0.90, 0.77 (0.84)	Thompson 2001 06724
Germany 1999 (Berkley)	WG 62.5	0.25	0.013	2000	3	0 7 9 14	<u>0.78</u> 0.31 0.23 0.12	Smith 2001 gr 95899 0960
Germany 1999 (Heerma)	WG 62.5	0.24 - 0.25	0.013	1926 - 2004	3	0 7 10 13	<u>0.70</u> 0.31 0.16 0.08	Smith 2000 gr 96999 0961
Germany 2000 (Blue Crop)	WG 62.5	0.25	0.013	1995	3	0 7 10 14 22	<u>0.91</u> 0.37 0.34 0.31 0.24	2001 gr 41800 5468

Country, year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Report No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
Germany 2000 (Heerma)	WG 62.5	0.23 - 0.24	0.012	1867 - 1948	3	0 7 10 14 21	0.48 0.15 0.10 0.07 0.04	2001 gr 42900 5469
BLACK CURRANT								
Germany 1999 (Titania)	WG 62.5	0.24 - 0.25	0.013	1961 - 2029	3	0 7 10 14	0.63 0.24 0.26 0.16	Smith 2000 gr 92999 0957
Germany 2000 (Ben Alder)	WG 62.5	0.25	0.013	1991	3	0 7 10 14 21	0.57 0.60 0.46 0.55 0.56	2001 gr 30800 5464
Germany 2000 (Ojebin)	WG 62.5	0.25	0.012	2020	3	0 7 10 14 21	0.83 0.62 0.59 0.43 0.30	2001 gr 37800 5465
Germany 2000 (Titania)	WG 62.5	0.25	0.013	1975 - 1992	3	0 7 10 14 21	0.79 0.55 0.63 0.53 0.33	2001 gr 38900 5466
RED CURRANT								
Germany 1999 (Rondom)	WG 62.5	0.25	0.013	2000	3	0 7 10 14	2.7 1.4 0.97 0.45	Smith 2001 gr 91899 0956

¹Trials were approximately 30 m apart, had same application date and shared a control plot

Assorted tropical and sub-tropical fruit – inedible peel

Table 79. Residues of fludioxonil in lychees from supervised trials in Florida, USA.

Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
2000 (Mauritius)	WG 62.5	0.245	0.035	701.5	5	0	1.04, 0.81 (0.92)	Chen, Moore 2002 IR-4 07760 28813
2000 (Mauritius)	WG 62.5	0.245	0.011	1221 - 1196	5	0	1.03, 0.59 (0.81)	Chen, Moore 2002 IR-4 07760 28813
2000 (Mauritius)	WG 62.5	0.245		1188 - 1235	7	0	1.48, 1.36 (1.4)	Chen, Moore 2002 IR-4 07760 28813

Table 80: Fludioxonil residues resulting from post-harvest application to kiwifruit in the USA.

Location Year (variety)	Form	Method	Conc. kg ai/hl	Fludioxonil residue, mg/kg	Author Date Report No. Syn. No.
CA 01 2000 (Hayward)	50WP	Fludioxonil spray ¹ Fludioxonil dip ²	 0.06	2.7, 0.6 9.5, 7.6	Ediger 2002 217-01
CA 02 2000 (Hayward)	50 WP	Fludioxonil spray ¹ Fludioxonil dip ²	 0.06	13.9, 8.4 7.0, 6.9 8.0, 4.2 7.4, 7.2	Ediger 2002 217-01
OR 02 2000 (Hayward)	50 WP	Fludioxonil dip ²	0.06	5.4, 5.1	Ediger 2002 217-01

¹ Fludioxonil spray 0.250 kg ai post-harvest packing line spray, 29.-104 L water per 100,000 kg fruit² Fludioxonil dip 0.06 kg ai/100 L water, 30 s dip

Table 81. Fludioxonil residues resulting from post-harvest application to pomegranates in California, USA.

Year (Variety)	Form	Method	Conc. kg ai/hl	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
2001 (Wonderful)	50WP	Fludioxonil dip	0.06	0.80, 0.50 (0.65)	Thompson 2003 IR4-08085
2001 (Wonderful)	50 WP	Fludioxonil dip	0.06	1.13, 0.71 (0.92)	Thompson 2003 IR4-08085

Bulb vegetables

Table 82. Fludioxonil residues in green and dry bulb onions from supervised trials in the USA, Italy, France, Germany, and Switzerland.

Country Year (variety)	Application					PHI days	Sample	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.				
Green onions									
USA, MI 1996 (Ishikura Improved)	WP 50	0.28		486	4	7	Green onions	0.17, 0.12 (0.14)	Van Geluwe 1997 ABR-97050 US 51-96
USA TX 1996 (Colossal)	WP 50	0.28		90.5	4	7	Green onions	6.6, 5.2 (0.59)	Van Geluwe 1997 ABR-97050 US 51-96
USA CA 1996 (Southport White)	WP 50	0.28		468	4	0 1 3 3	Green onions	7.5, 7.1 8.0, 6.8 7.3, 5.5 6.3, 5.3	Van Geluwe 1997 ABR-97050 US 51-96

Country Year (variety)	Application					PHI days	Sample	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.				
Globe)						7 14		3.0, 2.9 (3.0) 1.9, 1.4	
Bulb onions									
USA TX 1996 (Texas Early Grand 502)	WP 50	0.28		90-99	4	7	Whole plant	1.2, 0.68	Van Geluwe 1997 ABR-97050 US 51-96
						7	Fresh bulb	0.19, 0.05	
						7	Fresh bulb	0.21, 0.15	
						7	Dry bulb	0.04, 0.03 (0.04)	
USA CA 1996 (Cal Red)	WP 50	0.28		468	4	0	Whole plant	3.8, 3.3	Van Geluwe 1997 ABR-97050 US 51-96
						1	Fresh bulb	0.06, 0.04	
						1	Dry bulb	0.03, 0.03	
						3	Fresh bulb	0.05, 0.04	
						3	Dry bulb	<0.02, <0.02	
						7	Whole plant	3.4, 2.2	
						7	Fresh bulb	0.04, 0.03	
						7	Dry bulb	0.05, <0.02 (0.04)	
						14	Fresh bulb	0.11, <0.02	
						14	Fresh bulb	<0.02, <0.02	
						14	Dry bulb	<0.02, <0.02	
USA CA 1996 (315 Whites)	WP 50	0.28		897	4	6	Whole plant	0.29, 0.25	Van Geluwe 1997 ABR-97050 US 51-96
						6	Fresh bulb	0.12, 0.07	
						6	Dry bulb	<0.02, <0.02 (<0.02)	
USA CO 1996 (Vaquero)	WP 50	0.28		496	4	7	Whole plant	0.75, 0.60	Van Geluwe 1997 ABR-97050 US 51-96
							Fresh bulb	0.16, 0.09	
							Dry bulb	<0.02, <0.02 (<0.02)	
USA OR 1996 (Candy)	WP 50	0.28		486	4	7	Whole plant	1.3, 0.96	Van Geluwe 1997 ABR-97050 US 51-96
							Fresh bulb	0.03, 0.02	
							Dry bulb	<0.02, <0.02 (0.02)	
USA NY 1996 (Stulgarter Riesen)	WP 50	0.28		468	4	7	Whole plant	0.72, 0.37	Van Geluwe 1997 ABR-97050 US 51-96
							Fresh bulb	0.15, 0.14	
							Dry bulb	0.11, 0.06 (0.08)	
France, South 1999 (Cévennes)	WG 62.5	0.2520.2 6	0.063	403- 423	3	0	Fresh bulb	0.06	Tribolet 2000 2071/99 5302
						3		0.03	
						7		<0.02, <0.02 (<0.02)	
						14 21		<0.02 <0.02	
France, South 2000 (Rocodoro)	WG 62.5	0.25	0.063	400	3	0	Fresh bulb	<0.02	Pointurier 2001 0010901 5391
						3		<0.02	
						7		<0.02, <0.02 (<0.02)	
						14 21		<0.02 <0.02	
France, South 2000 (Aldobo)	WG 62.5	0.25	0.063	400	3	0	Fresh bulb	0.05	Pointurier 2001 0010902 5392
						3		0.02	
						7		0.02, <0.02 (0.02)	
						14 21		<0.02 <0.02	
Italy 1999 (Rojo Duro)	WG 62.5	0.25	0.025	1000	3	0	Fresh bulb	0.04	Tribolet 2000 2072/99 5217
						3		0.02	
						7		<0.02, <0.02 (<0.02)	
						14 21		<0.02 <0.02	
Italy	WG	0.25	0.025	1000	3	7	Fresh bulb	<0.02, <0.02	Tribolet

Country Year (variety)	Application					PHI days	Sample	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.				
1999 (Rojo Duro)	62.5							(<0.02)	2000 2073/99 5218
Italy 2000 (Borrentana gialla)	WG 62.5	0.25	0.025	1000	3	0 3 7 14	Fresh bulb	0.07 0.08 0.05, 0.05 (0.05) 0.02	Salvi 2000 2032/00 5409
Italy 2000 (Borrentana gialla)	WG 62.5	0.25	0.025	1000	3	0 7	Fresh bulb	0.34 0.06, 0.06 (0.06)	Salvi 2000 2033/00 5408
Germany 1999 (Stuttgarter Reisen)	WG 62.5	0.21	0.033	620- 636	3	0 7 14 21 28	Fresh bulb Or whole plant (*)	0.83* 0.07* <0.02 <0.02 <0.02	Smith 2001 gr 32899 0951
Germany 1999 (Elsa)	WG 62.5	0.20	0.033	585- 621	3	0 7 13 20 27	Fresh bulb Or whole plant (*)	1.07* 0.31* <0.02 <0.02 <0.02	Smith 2001 gr 33999 0952
Germany 1999 (Stuttgarter Reisen)	WG 62.5	0.20- 0.22	0.033- 0.033	613- 650	3	15	Fresh bulb	<0.02	Smith 2001 gr 34899 0953
Germany 2000 (Hilton)	WG 62.5	0.25	0.042	600	3	0 7 14 14 20 27	Fresh bulb Or whole plant (*)	1.4* 0.36* 0.02 0.17* <0.02 <0.02	Simon 2001 gr 34200 5419
Germany 2000 (Stuttgarter Reisen)	WG 62.5	0.27- 0.28	0.042	647- 660	3	0 7 14 14 21 28	Fresh bulb Or whole plant (*)	1.9* 0.27* <0.02 0.15* <0.02 <0.02	Simon 2001 gr 35800 5420
Switzerland 2000 (Copra)	WG 62.5	0.25	0.033	800	3	14	Fresh bulb	<0.02, <0.02	Salvi 2001 2010/00 5410
Switzerland 2000 (Redwing)	WG 62.5	0.25	0.033	800	3	14	Fresh bulb	<0.02, <0.02	Salvi 2009/00 2001 5411

Brassica vegetables

Table 83. Fludioxonil residues in broccoli from supervised trials in the USA and Canada.

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
USA, Texas 2000 (Baccus hybrid)	WG 62.5	0.245	0.054	449-456	4	6	0.10, 0.04 (0.07)	Arsenovic 2002 A-27200-63-02

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
USA, California 2000 (Patriot)	WG 62.5	0.243- 0.255	0.041	477-709	4	7	0.11, 0.09 (0.10)	Arsenovic 2002 A-27200-63-02
USA, California 2000 (Marathon)	WG 62.5	0.243- 0.253	0.041	477-717	4	8	0.25, 0.21 (0.23)	Arsenovic 2002 A-27200-63-02
USA, California 2000 (Greenbelt)	WG 62.5	0.245	0.047	512-522	4	6	0.27, 0.25 (0.26)	Arsenovic 2002 A-27200-63-02
USA, California 2000 (Green Sprouting)	WG 62.5	0.243- 0.250	0.064	371-383	4	8	0.20, 0.15 (0.18)	Arsenovic 2002 A-27200-63-02
Canada, British Columbia 2000 (Greenbelt)	WG 62.5	0.245	0.070	348-355	4	7	0.53, 0.19 (0.36)	Arsenovic 2002 A-27200-63-02
Canada, Quebec 2000 (Marathon)	WG 62.5	0.245	0.069	355	6	7	0.36, 0.31 (0.34)	Arsenovic 2002 A-27200-63-02

Table 84: Fludioxonil residues in cabbage from supervised trials in the USA.

Location Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
ME 04 2000 (Danish Ballhead)	WG 62.5	0.230- 0.245	0.079	309-315	4	7	0.27 ¹ , 0.23 ²	Arsenovic 2002 A-27200-62-02
TX 33 2000 (Cheers)	WG 62.5	0.245	0.061	392-416	4	7	0.21 ¹ , 0.20 ²	Arsenovic 2002 A-27200-62-02
FL 48 2000 (Asgrow Blue Dynasty)	WG 62.5	0.245- 0.253	0.066	374	6	8	1.20 ¹ , 0.09 ²	Arsenovic 2002 A-27200-62-02
TX 34 2000 (Cheers)	WG 62.5	0.245	0.054	449-457	4	7	0.50 ¹ , 0.08 ²	Arsenovic 2002 A-27200-62-02
CA 15 2000 (Red Rookie)	WG 62.5	0.240- 0.255	0.042	501-717	4	7	0.17 ¹ , 0.03 ²	Arsenovic 2002 A-27200-62-02
WI 03 2000 (Blue Thunder)	WG 62.5	0.379- 0.412	0.130	303-314	4	6	0.17 ¹ , 0.17 ²	Arsenovic 2002 A-27200-62-02

¹ wrapper leaves retained² wrapper leaves removed

Fruiting vegetables, cucurbits

Table 85. Fludioxonil residues in cucumbers from supervised trials in Greece, Spain and Switzerland.

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	water, l/ha	No.			
GLASSHOUSE (INDOOR)								
Spain 1994 (Nevada)	WG 62.5	0.25	0.020	1250	3	0 3 7 14	0.34 0.27 <u>0.14</u> 0.04	Mair 1996 2173/93 0789
Spain 1996 (Regal)	WG 62.5	0.25	0.015 - 0.022	1125 - 1625	3	0B* 0 3 7 14	0.03 0.18 0.09 <u>0.07</u> 0.02	Walser 1996 2005/96 0832
Spain 1999 (Albatros)	WG 62.5	0.24	0.025	981 - 983	3	0 3 7 14	0.12 0.09 0.08, 0.07 <u>(0.08)</u> 0.03	Tribolet 2000 2166/99 5219
Spain 1999 (Toril)	WG 62.5	0.24- 0.24	0.026	978 - 985	3	0 3 7 14	0.12 0.09 0.07, 0.05 <u>(0.06)</u> 0.03	Tribolet 2000 2167/99 5220
Greece 1996 (Biri)	WG 62.5	0.25	0.016	1600	3	0B* 0 3 7 14	0.02 0.28 0.17 <u>0.08</u> 0.05	Walser 1997 2101/96 1034
Spain 2000 (Rayo)	WG 62.5	0.25 - 0.27	0.024	1045 - 1115	3	0 7	0.08 0.03, 0.02 <u>(0.02)</u>	Salvi 2001 2031/00 5399
Spain 2000 (Toril)	WG 62.5	0.22 - 0.25	0.025	867 - 999	3	0 7	0.06 0.03, 0.02 <u>(0.02)</u>	Salvi 2001 2030/00 5400
Spain 2001 (Bala)	WG 62.5	0.25	0.025	1012	3	0 7	0.16 0.17, 0.05 <u>(0.11)</u>	Ryan 2002 2057/01 5558
Switzerland 1995 (Thyria F1)	WG 62.5	0.25	0.017	1500	3	0 7 14 21	0.09 <u><0.02</u> <u><0.02</u> <u><0.02</u>	Walser 1996 2053/95 0664
Switzerland 1995 (Thyria F1)	WG 62.5	0.25	0.017	1500	3	0 7 14 21	0.17 <u>0.06</u> <u><0.02</u> <u><0.02</u>	Walser 1996 2054/95 0715
FIELD (OUTDOOR)								
Greece 1995 (Danimas)	WG 62.5	0.25	0.025 - 0.028	880 - 1000	3	0B* 0 3 7 14	0.02 0.60 0.08 <u>0.02</u> <u><0.02</u>	Walser 1996 2024/95 0725
Spain 1995 (Peto 025)	WG 62.5	0.25	0.017	1500	3	0 3 7 14	0.10 0.04 <u><0.02</u> <u><0.02</u>	Walser 1996 2014/95 0710

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	water, l/ha	No.			
Spain 1995 (Bellissima)	WG 62.5	0.25	0.017	1500	3	0	0.20	Walser 1996 2184/95 0762
						3	0.11	
						7	<u>0.03</u>	
						14	<0.02	

*0B: before final application

Table 86. Fludioxonil residues in summer squash (zucchini) from supervised indoor trials in Italy.

Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	water, l/ha	No.			
1995 (GB 68)	WG 62.5	0.25	0.025	1000	3	0	1.4	Walser 1995 2089/95 0670
						7	<u>0.06</u>	
						14	<0.02	
						21	<0.02	
1996 (GB 68)	WG 62.5	0.25	0.025	1000	3	0B*	0.03	Walser 1997 2057/96 0961
						0	0.56	
						7	<u>0.05</u>	
						14	<0.02	

* 0B: before final application

Table 87. Fludioxonil residues in cantaloupe melon after drip irrigation treatment from supervised trials in the USA.

Location Year (variety)	Application			PHI Days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form.	kg ai/ha	No.			
Texas 2000 (Hy-Mark)	50 WP	0.28	3	14 (±2)	<0.02, <0.02 <0.02, <0.02 <0.02, <0.02	Thompson & Ediger 02/06/2003 IR-4: 07618 38-00
California 2000 (Hale's Best Jumbo)	50 WP	0.28	3	14 (±2)	0.03, <0.02 <0.02, <0.02 <0.02, <0.02	Thompson & Ediger 02/06/2003 IR-4: 07618 38-00
Texas 2001 (Explorer)	50 WP	0.28	3	14 (±2)	<0.02, <0.02	Thompson & Ediger 02/06/2003 IR-4: 07618 38-00
California 2001 (Hale's Best Jumbo)	50 WP	0.28	3	14 (±2)	0.02, <0.02	Thompson & Ediger 02/06/2003 IR-4: 07618 38-00

Fruiting vegetables, other than cucurbits

Table 88. Fludioxonil residues in tomatoes from supervised trials in Greece, Switzerland, Spain, the UK and Italy.

Country Year (variety)	Application					PHI days	Residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
Indoor/Covered								
Greece 1005 (Alpado)	WG 62.5	0.25	0.025	1000	3	0B* 0 3 7 14	0.14 0.32 0.24 <u>0.32</u> 0.24	Walser 1996 2023/95 0763
Greece 1996 (Optima)	WG 62.5	0.25	0.012 -0.013	2000	3	0B* 0 3 7 14	0.10 0.14 0.16 <u>0.09</u> 0.13	Walser 1997 2100/96 1033
Switzerland 1994 (Savor)	WG 62.5	0.25	0.013	2000	3	0 3 7 14	0.20 0.13 <u>0.28</u> 0.19	Kissling 1995 2060/94 1102
Switzerland 1994 (Merano)	WG 62.5	0.25	0.013	2000	3	0 3 7 14	0.14 0.13 0.08 <u>0.10</u>	Kissling 1995 2061/94 1103
Switzerland 1997 (Cannelli)	WG 62.5	0.25	0.013	2000	3	0B* 0 3 7 14	0.06 0.19 0.15 0.10 <u>0.14</u>	Walser 1998 2265/97 1161
Spain 1993 (Daniela)	WG 62.5	0.25	0.017	1500	3	0 3 7 14	0.07 0.08 <u>0.08</u> 0.03	Mair 1994 2171/93-94 1104
Spain 1994 (Santos)	WG 62.5	0.25	0.017	1500	3	0 3 7 14	0.13 0.16 0.13 <u>0.15</u>	Mair 1994 2171/93-94 1104
Spain 1994 (Daniella)	WG 62.5	0.25	0.017 - 0.023	1111 - 1481	3	0 3 7 14	0.07 0.06 <u>0.10</u> 0.05	Mair 1994 2172/93-94 1105
Spain 1994 (Daniella)	WG 62.5	0.25	0.023	1111	3	0 3 7 14	0.14 0.09 0.14 <u>0.23</u>	Mair 1994 2172/93-94 1105
UK 1997 (Durinda)	WG 62.5	0.25	0.020 - 0.023	1092 - 1249	3	0B* 0 3 7 14	0.03 0.02 0.03 0.03 <u>0.05</u>	Walser 1998 2451/97 1217
UK 1997 (Durinda)	WG 62.5	0.25	0.020 - 0.023	1102 - 1250	3	0B* 0 3 7 14	0.08 0.03 0.05 0.05 <u>0.09</u>	Walser 1998 2450/97 1218

Country Year (variety)	Application					PHI days	Residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
Italy 1995 (Gincala)	WG 62.5	0.25	0.015 - 0.021	1200 - 1800	3	0 7 10 14 21 28	0.17 0.16 0.15 0.14 <u>0.21</u> 0.11	Walser 1995 2092/95 0667
Italy 1995 (114 (pre-coder))	WG 62.5	0.25	0.025	1000	3	0 7 14 21	0.19 <u>0.13</u> 0.08 0.04	Walser 1995 2090/95 0668
Italy 1995 (Max)	WG 62.5	0.25	0.017- 0.025	1000 - 1500	3	0 7 14 21	0.09 <u>0.21</u> 0.07 0.05	Walser 1995 2091/95 0669
<i>Outdoor</i>								
Switzerland 1997 (Selhardy)	WG 62.5	0.25	0.013	2000	3	0B* 0 3 7 14	0.06 0.17 0.07 <u>0.07</u> 0.03	Walser 1998 2264/97 1160
Switzerland 1999 (Petula)	WG 62.5	0.25	0.017	1500	3	7	0.05, 0.04 (<u>0.04</u>)	Tribolet 2000 2126/99 5345

*0B: before final treatment

Table 89. Fludioxonil residues in sweet (bell) peppers from supervised trials in Italy, Spain, and Switzerland.

Country, Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	water, l/ha	No.			
<i>Glasshouse (indoor)</i>								
Spain 1996 (Estar)	WG 62.5	0.25	0.020 - 0.025	1000 - 1250	3	0B* 0 3 7 14	0.62 1.04 0.93 <u>0.56</u> 0.38	Walser 1996 2001/96 0791
Spain 1996 (Tanger)	WG 62.5	0.25	0.020 - 0.022	1125 - 1250	3	7	0.47, 0.46 <u>(0.46)</u>	Walser 1996 2002/96 0792
Spain 1996 (Saxo)	WG 62.5	0.25	0.025	1000	3	0B* 0 3 7 14	0.08 0.22 0.26 <u>0.22</u> 0.13	Walser 1996 2006/96 0833
Spain 1997 (Estar)	WG 62.5	0.25	0.035	714	3	0B* 0 3 7 14	0.03 0.30 0.35 <u>0.14</u> 0.14	Walser 1997 2057/97 1041
Spain 1997 (Italico)	WG 62.5	0.25 - 0.2	0.017 - 0.026	981 - 1555	3	0B* 0 3 7 14	0.08 0.67 0.36 <u>0.29</u> 0.16	Walser 1998 2058/97 1131

Country, Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	water, l/ha	No.			
Spain 1997 (Italico)	WG 62.5	0.25 - 0.26	0.018	1427 - 1450	3	0B* 0 3 7 14	0.38 1.16 0.78 <u>0.60</u> 0.23	Walser 1998 2059/97 1132
Switzerland 2002 (Evident)	WG 62.5	0.23 - 0.24	0.025	933 - 944	3	0 1 4 8 14	0.23 0.21 0.17 0.09, 0.06 <u>(0.08)</u> 0.03	Solé 2003 02-2006 5564
Switzerland 2002 (Evident)	WG 62.5	0.24	0.025	937 - 980	3	0 1 3 7 14	0.21, 0.26 0.19 0.21 0.12, 0.07 <u>(0.10)</u> 0.09	Solé 2003 02-2007 5565
<i>Outdoor</i>								
Italy 1996 (Phatos)	WG 62.5	0.25	0.025	1000	3	0B* 0 7 14	0.08 0.30 <u>0.06</u> 0.04	Walser 1997 2060/96 0960
Spain 1997 (Italico)	WG 62.5	0.24 - 0.26	0.016 - 0.024	1021 - 1573	3	0B* 0 3 7 14	0.03 0.18 0.19 <u>0.13</u> 0.09	Walser 1998 2370/97 1144

*0B: before final application

Table 90. Fludioxonil residues in egg plants (aubergines) from supervised indoor trials in Italy and Spain.

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form.	kg ai/ha	kg ai/hl	water, l/ha	No.			
Italy 1997 (Violetta)	WG 62.5	0.25	0.025	1000	3	0B* 0 3 7 14	0.02 0.05 0.05 <u>0.03</u> <0.02	Walser 1998 2073/97 1145
Italy 1997 (Napoletana)	WG 62.5	0.25	0.028 - 0.031	800 - 900	3	0B* 0 3 7 14	<0.02 0.15 0.13 <u>0.06</u> 0.03	Tribolet 1998 2074/97 1146
Spain 1999 (Cava)	WG 62.5	0.24 0.25	0.025	941 - 1000	3	0 7	0.14, 0.20 0.07, 0.08 <u>(0.08)</u>	Tribolet 2000 2014/99 5088
Spain 1999 (Cava F1)	WG 62.5	0.25	0.025	988 - 1000	3	0 7	0.12, 0.14 0.06, 0.07 <u>(0.06)</u>	Tribolet 2000 2013/99 5089

*0B: before final application

Table 91. Fludioxonil residues in sweet corn from seed treatment in the USA.

Location Year (Variety)	Form	g ai/ 100 kg seed	Sample	PHI	Fludioxonil residue mg/kg	Author Date Study No. Syn No
FL 1992 Sweet corn (Revere)	4FS	15	Ears	82	0.01 ¹ , <0.01 ¹ , <0.01 ¹ <0.01 ² (<u><0.01</u>)	Selman 1993 ABR-93030 31-92
WA 1992 Sweet corn (Terminator)	4FS	25	Ears Whole corn Kernel, cleaned Cannery waste Corn, canned	98 98 98 98 98	<0.01, <u><0.01</u> <0.01 <0.01 <0.01 <0.01	Selman 1993 ABR-93030 31-92
WI 1992 Sweet corn (Terminator)	4FS	25	Ears	97	<0.01, <u><0.01</u>	Selman 1993 ABR-93030 31-92

¹ replicate determinations of sample 1² determination of sample 2Leafy vegetables

Table 92. Fludioxonil residues in head lettuce from supervised glasshouse and field trials in Europe.

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
<i>Indoor (glasshouse)</i>								
Italy 2001 (Manita RZ, Head)	WG 62.5	0.18	0.018	1000	3	0 3 7 14	7.2 5.1 4.3, 3.2 2.5, 2.3 (2.4)	Ryan 2002 2044/01 5509
Italy 2001 (Manita, Head)	WG 62.5	0.18	0.018	1000	3	0 3 7 14	9.6 8.2 4.3, 3.7 2.6, 2.4 (2.5)	Ryan 2002 2043/01 5510
Italy 2001 (Mindoro, Head)	WG 62.5	0.18	0.018	1000 - 1024	3	0 7 14	3.6 1.8, 1.7 1.2, 0.99 (1.1)	Ryan 2002 2042/01 5516
France, South 1997 (Nalys, Head)	WG 62.5	0.15	0.038	400	4	0B* 0 7 14 21	0.84 8.4 7.4 2.7 2.5	Maffezzoni 1999 9810203 4992
France, South 1998 (Mexico)	WG 62.5	0.15	0.038	400	3	14	2.88, 2.57 (2.7)	Maffezzoni 1999 9810204 4993
France, South 1997 (Samourai, Head)	WG 62.5	0.15	0.038	399-413	3	14	3.67, 3.23 (3.4)	Maffezzoni 1999 9810205 4994

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
France, South 1998 (Cybelle, Head)	WG 62.5	0.15 – 0.16	0.038	399-413	3	14	0.73, 0.70 (0.72)	Maffezzoni 1999 9810206 4995
France, North 1997 (Angie, Head)	WG 62.5	0.15	0.038	400	3	0B* 0 7 14 21	3.9 17. 8.6 4.7 4.2	Maffezzoni 1999 9810201 4990
France, North 1997 (Sensai, Head)	WG 62.5	0.15	0.038	400	3	14	5.96, 5.94 (6.0)	Maffezzoni 1999 9810202 4991
Germany 2001 (Sensai, Head)	WG 62.5	0.15	0.025	600	3	0 7 9 15 20	3.3 1.7 1.2 1.0, 0.97 (0.98) 0.82	Simon 2002 gle 52501 5537
France, North 1999 (Angie, Head)	WG 62.5	0.15	0.038	400	3	14	3.6, 3.1 (3.4)	Tribolet 2000 2168/99 5347
<i>Outdoor (Field)</i>								
France, North 1996 (Newton)	WG 62.6	0.18	0.044	400	3	OB 0 7 14 21	0.30 7.25 1.68 0.17 0.04	Maffezzoni 1998 OF96103/K J85 1047
France, North 1996 (Marianna)	WG 62.5	0.18	0.044	400	3	12	0.04, 0.05 (0.04)	Maffezzoni 1998 OF96103/S J15 1048
France, North 1997 (Audran)	WG 62.5	0.18	0.045 – 0.047	370 – 385	3	0B 0 8 15 22	0.19 6.21 0.16 0.02 <0.02	Maffezzoni 1998 9713001 1074
France, North 1997 (Newton)	WG 62.5	0.18	0.044	400	3	0B* 0 7 15	0.39 3.27 0.68 0.11	Maffezzoni 1998 9713002 1075
France, North 1997 (Aurica)	WG 62.5	0.18	0.044	400	3	14	<0.02, <0.02 (<0.02)	Maffezzoni 1998 9713101 1076
France, North 1997 (Floreal)	WG 62.5	0.18	0.044	400	3	14	0.04, 0.04 (0.04)	Maffezzoni 1998 9713102 1077
Switzerland 1997 (Newton)	WG 62.5	0.20	0.040	500	3	0B* 0 7 14 21 28	0.05 7.06 0.64 0.02 <0.02 <0.02	Walser 1998 2268/97 1157

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
Switzerland 1997 (Stephanie)	WG 62.6	0.200	0.040	500	3	0B* 0 7 14 21 28	0.08 3.79 0.18 <u><0.02</u> <0.02 <0.02	Walser 1998 2267/97 1158
Switzerland 1997 (Larand)	WG 62.5	0.20	0.040	500	3	0B* 0 7 14 21 28	0.08 3.77 0.17 <u>0.07</u> <0.02 <0.02	Walser 1998 2266/97 1159
France, South 1996 (Batavia Rosia)	WG 62.5	0.18	0.044	400	3	14	0.04, 0.04 (0.04)	Maffezzoni 1998 OF96103/F P04 1049
France, South 1996 (Batavia Carmen)	WG 62.5	0.18	0.044	400	3	14	<0.02, <0.02 (<u><0.02</u>)	Maffezzoni 1998 OF96103/A C14 1050
Spain 1996 (Romana, Cos)	WG 62.5	0.18	0.025	700	3	0B 0 3 7 14	0.86 3.5 2.9 2.3 <u>1.2</u>	Walser 1996 2003/96 0793
Spain 1996 (Valladolid, Cos)	WG 62.5	0.18	0.025	700	3	14	1.20, 1.15 (<u>1.2</u>)	Walser 1996 2004/96 0794
Spain 1997 (Iceberg, Cos)	WG 62.5	0.18	0.035	500	3	0B* 0 7 14 21	0.04 4.34 <0.02 <u><0.02</u> <0.02	Walser 1998 2056/97 1079
Italy 1996 (Justine, Head)	WG 62.5	0.18	0.029	600	3	14	0.33, 0.24 (<u>0.29</u>)	Walser 1996 2062/96 0974
Italy 1996 (Lido, Head)	WG 62.5	0.18	0.029	600	3	0B* 0 7 14 21	0.12 5.81 0.80 <u><0.02</u> <0.02	Walser 1997 2061/96 0991
Italy 1997 (Justine, Head)	WG 62.5	0.18	0.029	600	3	0B* 0 7 14 21	0.20 4.26 0.09 <u><0.02</u> <0.02	Walser 1998 2067/97 1113

* 0B: before final application

Table 93. Residues of fludioxonil in watercress from supervised trials in Florida, USA.

Location Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
1999 (B&W New Improved Variety 3)	WG 62.5	0.24	0.048 - 0.051	477 - 506	4	0	5.01, 3.99 (4.5)	Starnier 2001 IR-4 06759 1269-99
1999 (B&W Standard Variety 1)	WG 62.5	0.24	0.035	702	4	0	4.79, 3.69 (4.2)	Starnier 2001 IR-4 06759 1269-99

Table 94. Residues of fludioxonil in mustard greens from supervised trials in the USA.

Location Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
NJ 2000 (Southern Giant Curled)	WG 62.5	0.24	0.064	374 - 387	4	8	7.7, 6.5 (7.1)	Arsenovic, Moore 2002 IR-4 07622 US 29147
TN 2000 (Southern Giant Curled)	WG 62.5	0.24	0.074	327 - 338	4	7	0.64, 0.45 (0.54)	Arsenovic, Moore 2002 IR-4 07622 US 29147
FL 2000 (Florida Broadleaf)	WG 62.5	0.24	0.065	370 - 386	4	7	6.9, 6.4 (6.6)	Arsenovic, Moore 2002 IR-4 07622 US 29147
NC 2000 (Southern Giant Curled)	WG 62.5	0.24	0.080	305 - 311	4	7	0.06, 0.06 (0.06)	Arsenovic, Moore 2002 IR-4 07622 US 29147
TX 2000 (India)	WG 62.5	0.24	0.054	450 - 455	4	6	0.50, 0.48 (0.49)	Arsenovic, Moore 2002 IR-4 07622 US 29147
CA 2000 (Southern Giant Curled)	WG 62.5	0.24	0.035 - 0.050	494 - 695	4	7	1.2, 0.33 (0.76)	Arsenovic, Moore 2002 IR-4 07622 US 29147
MI 2000 (Southern Giant Curled)	WG 62.5	0.39	0.105	367 - 383	4	7	1.3, 1.1 (1.2)	Arsenovic, Moore 2002 IR-4 07622 US 29147

Legume vegetables

Table 95. Fludioxonil residues in bean pods with seed from foliar applications in Europe.

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
Outdoor								
France, South 1998 French beans (Ardinal)	WG 62.5	0.23 - 0.25	0.063	375-400	2	14	0.08, 0.08 (0.06)	Maffezzoni 1999 9812803 1330
France, South 1998 French beans (Longio)	WG 62.5	0.26 - 0.27	0.063	418-426	2	14	0.04, 0.04 (0.04)	Maffezzoni 1999 9812804 1331
France, South 1998 French beans (Crugaly)	WG 62.5	0.25	0.063	394-406	2	0 3 7 14 21	0.31 0.25 0.19 0.03 0.02	Maffezzoni 1998 9812703 1335
France, South 1998 French beans (Xéra)	WG 62.5	0.26	0.063	415-419	2	0 3 7 14 21	0.44 0.21 0.08 0.02 0.02	Maffezzoni 1998 9812704 1336
France, North 1998 French beans (Booster)	WG 62.6	0.25	0.063	395-400	2	14	0.03, 0.03 (0.03)	Maffezzoni 1999 9812801 1328
France, North 1998 French beans (Longio)	WG 62.5	0.24- 0.25	0.063	377-407	2	14	0.04, 0.04 (0.04)	Maffezzoni 1999 9812802 1329
France, North 1998 French beans (Capitole)	WG 62.5	0.24- 0.25	0.063	382-405	2	0 3 7 14 21	0.43 0.19 0.08 0.03 0.02	Maffezzoni 1998 9812701 1333
France, North 1998 French beans (Longio)	WG 62.5	0.23– 0.2	0.063	367-388	2	0 3 7 14 21	0.30 0.12 0.08 0.06 0.03	Maffezzoni 1998 9812702 1334
Switzerland 1998 Common beans (Processor)	WG 62.5	0.25	0.031	800	2	14	0.03, 0.03 (0.03)	Walser 1999 2107/98 4952
Switzerland 1998 Common beans (Sonate)	WG 62.5	0.25	0.031	800	2	14	0.06, 0.05 (0.06)	Walser 1999 2109/98 4954
France, South 1996 French beans (Adagio)	WG 62.5	0.25	0.063	400	3	14	0.02, 0.02 (0.02)	Maffezzoni 1998 OF96108/LD63 1051
France, South 1996 French beans (Cupidon)	WG 62.5	0.25	0.063	400	3	14	0.03, 0.03 (0.03)	Maffezzoni 1998 OF96108/FP15 1053

Country Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha	No.			
France, North 1996 French beans (Xavo)	WG 62.5	0.25	0.063	400	3	13	<0.02, <0.02 (<u><0.02</u>)	Maffezzoni 1998 OF96108/SJ29 1052
France, North 1996 Fench beans (Calypso)	WG 62.5	0.25	0.063	400	3	0B* 0 7 14 21	0.18 0.64 0.40 <u>0.13</u> 0.12	Maffezzoni 1998 OF96109/KJ56 1054
Spain 1996 Common beans (Buenos Aires)	WG 62.5	-0.25	0.013	1978 - 2000	3	0B* 0 7 14 21	0.07 0.64 0.17 <u>0.09</u> 0.03	Walser 1997 2009/96 0883
<i>Indoor (glasshouse)</i>								
Spain 1996 Common beans (Maite)	WG 62.5	0.25	0.017 - 0.020	1250 - 1500	3	0B* 0 7 14 21	0.11 0.64 0.13 <u>0.03</u> <0.02	Walser 1996 2010/96 0834
Spain 1997 Common beans (Helda)	WG 62.5	0.25	0.025	1000	3	0B* 0 7 14 21	0.12 0.85 0.21 <u>0.04</u> <0.02	Walser 1997 2002/97 1039
Spain 1997 Common beans (Maite)	WG 62.5	0.25	0.024 - 0.026	952 - 1060	3	0B* 0 7 14 21	0.05 0.92 0.28 <u>0.06</u> <0.02	Walser 1997 2001/97 1040
Spain 1997 Common beans (Musica)	WG 62.5	0.24 – 0.26	0.017 - 0.022	1146 - 1437	3	0B* 0 7 14 21	<0.02 0.41 0.14 0.04, 0.04 (<u>0.04</u>) 0.08, 0.09	Walser 1998 157/97 1152
Spain 1997 Common beans (Musica)	WG 62.5	0.231– 0.26	0.021 - 0.025	939 - 1213	3	0B* 0 7 14 21	0.03 0.53 0.23 0.14 <u>0.17</u>	Walser 1998 157/97 1152
Spain 1996 Common beans (Encañe Dulce)	WG 62.5	0.22 - 0.25	0.026 - 0.036	637 - 876	3	0B* 0 7 14 21	0.11 0.43 0.44 <u>0.09</u> <0.02	Walser 1998 157/97 1152
Spain 1997 Common beans (Emerite)	WG 62.5	0.25 - 0.26	0.024 - 0.025	1035 - 1064	3	0B* 0 7 14 21	0.12 0.33 0.34 <u>0.20</u> 0.18	Walser 1998 157/97 1152

*0B: before final application

Table 96. Fludioxonil residues in bean pods with seed and in seeds from supervised trials in Germany and Denmark (fludioxonil-treated seed).

Country Year (variety)	Application		DAS ¹ (days)	Analysis			Author, Date Study No. Syn No
	Form.	g ai/ 100kg seed		Sample	BBCH Stage	Fludioxonil residue, mg/kg	
Germany 1997 French beans (Ferande)	FS 035 (A 9638A) ²	5.0	53 77 159	Whole plant Unripe pods with seed Beans (seed)	50-52 72-73 89	<0.02 <0.02 <0.02	Smith 1999 GR 39197 1339
Germany 1997 French Beans (Ferande)	FS 035 (A 9638A)	5.0	53 75 133	Whole plant Unripe pods with seed Beans (seed)	51 73 89	<0.02 <0.02 <0.02	Smith 1999 GR 40497 1352
Denmark 1997 French beans (Bon-bon)	FS 035 (A 9638A)	4.5	49 66 113	Whole plant Unripe pods with seed Seed (dry)	50-55 71-74 99	<0.02 <0.02 <0.02	Kuhne 1999 2274/97 1367
Germany 1997 Broad beans (Scirocco)	FS 035 (A 9638A)	4.4	65 139 139	Whole plant Straw (remainder) Beans (seed)	50-52 89 89	0.06 <0.02 <0.02	Smith 1999 GR 37197 1337
Germany 1997 Broad beans (Scirocco)	FS 035 (A 9638A)	4.4	57 154 154	Whole plant Straw (remainder) Beans (seed)	51 89 89	<0.02 <0.02 <0.02	Smith 1999 GR 38497 1338
Denmark 1997 Broad beans (Cargo)	FS 035 (A 9638A)	3.3	41 113 113	Whole plant Vines (haulms) Seed (dry)	50-57 99 99	<0.02 <0.02 <0.02	Kuhne 1999 2275/97 1368

¹days after sowing²Test product designation.

Table 97. Fludioxonil residues in fresh peas from supervised outdoor trials in France and Switzerland (foliar treatment).

Fresh seed Country, year (variety)	Application				No.	BBCH stage at harvest	PHI days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha					
Switzerland 1998 (Merveille Hative)	WG 62.5	0.25	0.031	800	2	79	14	Empty pod: 0.06, <0.05 Fresh seed: <0.02, <0.02	Walser 1999 2108/98 4953
Switzerland 1998 (Bördi)	WG 62.5	0.25	0.031	800	2	79	14	Empty pod: <0.05, <0.05 Fresh seed: <0.02, <0.02	Walser 1999 2115/98 4955
France, South 1998 (Cador)	WG 62.5	0.25	0.063	400	2	79/80	0 7 14 20	0.03 <0.02 <0.02 <0.02	Maffezzoni 1998 9811501 1332
France, North 1998 (Koka)	WG 62.5	0.25	0.063	400	2		14	<0.02, <0.02	Maffezzoni 1998 9811601 1285
France, North 1998 (Etna)	WG 62.5	0.25	0.063	400	2		14	<0.02, <0.02	Maffezzoni 1998 9811602 1286

Fresh seed Country, year (variety)	Application				No.	BBCH stage at harvest	PHI days	Fludioxonil residue, mg/kg	Author, Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	water, l/ha					
France, North 1998 (Koka)	WG 62.5	0.25	0.063	400	2	76/77	14	<0.02, <0.02	Maffezzoni 1998 9811603 1287
France, North 1998 (Koka)	WG 62.5	0.25	0.063	400	2	76/77	14	<0.02, <0.02	Maffezzoni 1998 9811604 1288
France, South 1998 (Piano)	WG 62.5	0.25	0.063	400	2	77/79	14	<0.02, <0.02	Maffezzoni 1998 9811605 1289
France, North 2001 (Frediro)	WG 62.5	0.25	0.05	500	2	79	14	Empty pod 0.06, 0.05 Seeds <0.02, <0.02 Whole pods 0.02, 0.02	Pointurier 2002 0112201 5520
France, North 1996 (Fonado)	WG 62.5	0.25	0.060 - 0.063	400 - 417	3	74	14	0.02	Pointurier 1996 OF96105/D E18 0870
France, North 1996 (Fonado)	WG 62.5	0.25	0.060 - 0.063	400 - 417	3	74	14	<0.02	Pointurier 1996 OF96106/D E19 0871

Table 98. Fludioxonil residues in pea without pod harvested from supervised trials in Northern France and UK (treated seed).

Fresh seeds Country Year (variety)	Application		DAS ¹ (days)	Analysis			Author Date Study No. Syn No
	Form.	g ai/ 100kg seed		Sample	BBCH stage at harvest	fludioxonil residue, mg/kg	
France, North 1997 (Avola)	FS 260	11.	46 62 62	Whole plant Empty pod Seed	51 73 73	<0.02 <0.02 <0.02	Kühne 1998 2296/97 1259
France, North 1997 (Avola)	FS 260	11.	35 63 63	Whole plant Empty pod Seed	51 75/76 75/76	<0.02 <0.02 <0.02	Kühne 1998 2297/97 1260
UK 1997 (Avola)	FS 260	10.	81 81	Empty pod Seed	75-76 75-76	<0.05 <0.02	Kühne 1998 2298/97 1261
UK 1997 (Avola)	FS 260	11.	80 80	Empty pod Seed	75-76 75-76	<0.05 <0.02	Kühne 1998 2299/97 1262
UK 1998 (Avola)	WG 32.5	9.8	60 94 94	Whole plant Empty pods Seed	51 76 76	<0.05 <0.05 <0.02	Kühne 1999 2008/98 4968

Fresh seeds Country Year (variety)	Application		DAS ¹ (days)	Analysis			Author Date Study No. Syn No
	Form.	g ai/ 100kg seed		Sample	BBCH stage at harvest	fludioxonil residue, mg/kg	
UK 1998 (Avola)	WG 32.5	9.1	47	Whole plant	51	<0.05	Kühne 1999 2009/98 4969
			71	Empty pods	76	<0.05	
			71	Seed	76	<0.02	

¹days after sowing

Table 99. Fludioxonil residues in dry pea seed and kidney beans from supervised outdoor trials in France (foliar treatment).

CROP Location , (variety)	Application				No.	BBCH stage at harvest	PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/ha	water, l/ha					
Pea Dry Seed									
South 1996 (Caprice)	WG 62.5	0.25	0.063	400	3	87	13	<u><0.02</u>	Pointurier 1996 OF96107/AC31 0872
South 1996 (Caprice)	WG 62.5	0.25	0.063	400	3	89	14	<u><0.02</u>	Pointurier 1996 OF96107/LD64 0873
North 2001 (Bonette)	WG 62.5	0.25	0.063	400	2	89	14	0.05, 0.04 (0.04) 0.52 ¹ , 0.47 ¹ 0.19 ² , 0.17 ²	Pointurier 2002 0112202 5519
Kidney Bean Dry									
North 2000 Kidney beans (Flavert)	WG 62.5	0.25	0.063	400	2	83	14	Pods 0.27, 0.21 Seeds 0.04, 0.04 (0.04)	Pointurier 2001 0011201 5396
North 2000 Kidney beans (Astoria)	WG 62.5	0.25	0.063	400	2	89	14	Pods 0.63, 0.56 Seeds 0.06, 0.04 (0.05)	Pointurier 2001 0011202 5397

¹empty pods

²whole pods

Table 100. Fludioxonil residues in dry pea seed harvested from supervised trials in France.

Location Year (variety)	Application		DAS ¹ (days)	Analysis			Author Date Study No. Syn No
	Form.	g ai/ 100kg seed		Sample	BBCH Stage at harvest	fludioxonil residue, mg/kg	
France, North 1998 (Baccara)	WG 32.5	10.	129 129	Rest of plant Dry seed	89 89	<0.05 <0.02	Kühne 1998 2010/98 4962
France, North 1998 (Rustic)	WG 32.5	10.	113 113	Rest of plant Dry seed	89 89	<0.05 <0.02	Kühne 1999 2011/98 4963

Location Year (variety)	Application		DAS ¹ (days)	Analysis			Author Date Study No. Syn No
	Form.	g ai/ 100kg seed		Sample	BBCH Stage at harvest	fludioxonil residue, mg/kg	
France, North 2001 (Athos)	WG 32.5	10.	74	Empty pods	75	<0.02	Pointurier 2002 0140501 5506
			74	Immature seed	75	<0.02	
			101	Rest of plant	89	<0.02	
			101	Dry seed	89	<0.02	
France, South 1998 (Baccara)	WG 32.5	10.	96	Rest of plant	89	0.05, <0.05	Kühne 1999 2012/98 4964
			96	Dry seed	89	<0.02, <0.02	
France, South 1998 (Loto)	WG 32.5	10.	93	Rest of plant	97	0.08, 0.05	Kühne 1999 2013/98 4965
			93	Dry seed	97	<0.02, <0.02	
France, South 1998 (Tonus)	WG 32.5	10.	105	Rest of plant	89	<0.05, <0.05	Kühne 1999 2014/98 4966
			105	Dry seed	89	<0.02, <0.02	
France, South 1998 (Loto)	WG 32.5	10.	100	Rest of plant	89	<0.05, <0.05	Kühne 1999 2015/98 4967
			100	Dry seed	89	<0.02, <0.02	

¹days after sowing

Root and tuber vegetables

Table 101. Fludioxonil residues in potato after seed treatment from supervised trials in Australia, South Africa, and the USA.

Country Year (variety)	Form	g ai/100 kg seed	Sample	PHI (days)	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
Australia 1997 (Russet Burbank)	FS 100	2.5	Tubers	208	0.01, <0.01 (0.01)	McKee 1998 98/7/1618 1231
Australia 1997 (Kennebec)	FS 100	2.5	Tubers	116	<0.01, <0.01 (<0.01)	McKee 1998 98/7/1618 1231
Australia 1997 (Nadine)	FS 100	2.5	Tubers	106	<0.01, <0.01 (<0.01)	McKee 1998 98/7/1618 1231
South Africa 1998 (Nicola)	FS 100	2.5	Tubers	140	<0.02, <0.02 (<0.02)	Tribolet 1999 2232/98 5084
South Africa 1998 (Bp1)	FS 100	2.5	Tubers	140	<0.02, <0.02 (<0.02)	Tribolet 1999 2233/98 5085
Australia 1997 (Russet Burbank)	FS 100	5.0	Tubers	208	0.01, <0.01	McKee 1998 98/7/1618 1231
Australia 1997 (Kennebec)	FS 100	5.0	Tubers	116	<0.01, <0.01 (<0.01)	McKee 1998 98/7/1618

Country Year (variety)	Form	g ai/100 kg seed	Sample	PHI (days)	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
						1231
Australia 1997 (Nadine)	FS 100	5.0	Tubers	106	0.01,<0.01	McKee 1998 98/7/1618 1231
South Africa 1998 (Bp1)	FS 100	5.0	Tubers	140	<0.02, <0.02 (<u><0.02</u>)	Tribolet 1999 2234/98 5086
USA, Idaho 1992 (Russett Burbank)	DP 0.5	5 15 25	Immature tubers Mature tubers Immature tubers Mature tubers Immature tubers Mature tubers	66 143 66 143 66 143	<0.01, <0.01 <u><0.01</u> , <0.01 <0.01, <0.01 0.059, <0.01 0.057, <0.01 <0.01, <0.01	Selman 1996 ABR-93027 0747
USA, Washington 1992 (Norkota)	DP 0.5	5	Immature tubers Mature tubers	90 123	0.04, <0.01 <u><0.01</u> , <0.01	Selman 1996 ABR-93027 0747
USA, Maine 1992 (Frito Lay 945)	DP 0.5	5	Immature tubers Mature tubers	83 114	<0.01, <0.01 <u><0.01</u> , <0.01	Selman 1996 ABR-93027 0747
USA, New York 1992 (Kennebec)	DP 0.5	5 15	Immature tubers Mature tubers Immature tubers Mature tubers	76 154 76 154	<0.01, <0.01 <u><0.01</u> , <0.01 <0.01, <0.01 0.014, <0.01	Selman 1996 ABR-93027 0747
USA, Wisconsin 1992 (Sunnydale Farms)	DP 0.5	5	Immature tubers Mature tubers	60 95	<0.01, <0.01 <u><0.01</u> , <0.01	Selman 1996 ABR-93027 0747
USA, Idaho 1992 (Russet Burbank)	DP 0.5	5	Immature tubers Mature tubers	66 143	<0.01, <0.01 <u><0.01</u> , <0.01	Selman 1996 ABR-93027 0747
USA, Florida 1992 (Kennebec)	DP 0.5	5	Immature tubers Mature tubers	61 76	0.013, <0.01 <u><0.01</u> , <0.01	Selman 1996 ABR-93027 0747
USA, North Dakota 1992 Red Norland	DP 0.5	5 15	Immature tubers Mature tubers Immature tubers Mature tubers	73 112 73 112	0.016, <0.01 <u><0.01</u> , <0.01 <0.01, <0.01 0.024, <0.01	Selman 1996 ABR-93027 0747
USA, Michigan 1992 Onaway	DP 0.5	5	Immature tubers Mature tubers	53 91	<0.01, <0.01 <u><0.01</u> , <0.01	Selman 1996 ABR-93027 0747
USA, California 1992 Red LA Soda	DP 0.5	5 15 25	Immature tubers Mature tubers Immature tubers Mature tubers Immature tubers Mature tubers	60 99 60 99 60 99	<0.01, <0.01 <u><0.01</u> , <0.01 0.055, 0.026 0.015, <0.01 0.48, 0.062 0.019, <0.01	Selman 1996 ABR-93027 0747
USA Minnesota 1992 (Norchip)	DP 0.5	5	Immature tubers Mature tubers	83 114	<u><0.01</u> , <0.01 <0.01; <0.01	Selman 1996 ABR-93027 0747
USA, Idaho 1992 (Russet Burbank)	DP 0.5	5 15	Immature tubers Mature tubers Immature tubers	66 143 66	<0.01, <0.01 <u><0.01</u> , <0.01 <0.01, <0.01	Selman 1996 ABR-93027

Country Year (variety)	Form	g ai/100 kg seed	Sample	PHI (days)	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
		25	Mature tubers Immature tubers Mature tubers	143 66 143	0.059, <0.01 0.057, <0.01 <0.01, <0.01	0747
USA, Colorado 1992 (Frito Lay 1775)	DP 0.5	5	Immature tubers Mature tubers	60 96	<0.01, <0.01 <0.01, <0.01	Selman 1996 ABR-93027 0747

Table 102: Fludioxonil residues resulting from post-harvest application to yams in the USA.

Year (variety)	Form	Method	Treatment concentration kg ai/hl	Fludioxonil residue, mg/kg ³	Author Date Study No. Syn No
2000 (Guinea)	WP 50	Post-harvest dip to tuber pieces at 0.06 kg ai/l; dipping time 30 ± 3 seconds Post-harvest dip to whole tubers at 0.06 kg ai/l; dipping time 30 ± 3 seconds	0.06 0.06	4.2, 3.4 (3.8) 4.7, 4.5 (4.6)	Thompson & Ediger 2003 1654-00
2000 (Guinea)	WP 50	Post-harvest dip to tuber pieces at 0.06 kg ai/l; dipping time 30 ± 3 seconds Post-harvest dip to whole tubers at 0.06 kg ai/l; dipping time 30 ± 3 seconds	0.06 0.06	5.7, 4.2 (5.0) 4.0, 2.5 (3.2)	Thompson & Ediger 2003 1654-00

Table 103. Residues of fludioxonil in carrots from supervised trials in the USA.

Location Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No.
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
BC 06 2000 (Bolero)	WG 62.5	0.24	0.070	348-352	4	6	0.46, 0.37 (0.42)	Hong Chen 2002 07090
CA 04 2000 Minicor (baby variety)	WG 62.5	0.24	0.041	483-697 -	4	7	0.18, 0.14 (0.16)	Hong Chen 2002 07090
CA 86 2000 (Caropak)	WG 62.5	0.24- 0.25	0.048	496-525	4	8	0.05, 0.02 (0.04)	Hong Chen 2002 07090
CA 104 2000 (Nantes)	WG 62.5	0.25	0.062	400	4	7	0.31, 0.19 (0.25)	Hong Chen 2002 07090
CA 105 2000 (Imperator)	WG 62.5	0.24- 0.25	0.064	375-383	4	7	0.18, 0.18 (0.18)	Hong Chen 2002 07090
MI 01 2000 (Premium)	WG 62.5	0.38- 0.40	0.104	365-385	4	7	0.24, 0.19 (0.22)	Hong Chen 2002 07090

Location Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author, Date Study No.
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
FL 75 2000 (Navajo F1)	WG 62.5	0.12- 0.13	0.045	282-295	4	8	0.05, 0.04 (0.04)	Hong Chen 2002 07090
TX 05 2000 (Nantes coreless)	WG 62.5	0.24- 0.25	0.064	367-411	4	7	0.21, 0.19 (0.20)	Hong Chen 2002 07090
WA 43 2000 (Bolero)	WG 62.5	0.24- 0.25	0.064	373-386	4	7	0.24, 0.16 (0.20)	Hong Chen 2002 07090

Stalk and stem vegetables

Table 104: Residues of fludioxonil in asparagus from supervised trials in Germany.

Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No. Syn No
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
2000 (Gijlim)	WG 62.5	0.245- 0.260	0.063	588 - 626	3	238 239	<0.02 <0.02	Smith 2001 gr 46999 5378
2000 (Vulkan)	WG 62.5	0.249 - 0.262	0.063	597 - 629	3	238 239	<0.02 <0.02	Smith 2001 gr 47999 5379

Cereal grains

The Meeting received numerous reports on the use of fludioxonil as a seed treatment for cereal grains.

Table 105. Fludioxonil residues in wheat grain after seed treatment from supervised trials in France, Switzerland, and Germany.

Country Year (variety)	Form	No.	g ai/ 100 kg seed	PHI (days)	Fludioxonil residue mg/kg	Author, Date Study No. Syn No
France, North 1998 (Ritmo)	FS 287.5	1	6.0	262	<0.02	Pointurier 2000 9940201 5191
France, North 1997 (Vivant)	FS 312.5	1	5.3	276	<0.02	Pointurier 1999 9840301 1927
France, North 1997 (Sidéral)	FS 312.5	1	5.4	251	<0.02	Pointurier 1999 9840302 1928
France, North 1997 (Vivant)	FS 206.25	1	5.5	276	<0.02	Pointurier 1999 9840401 1957

Country Year (variety)	Form	No.	g ai/ 100 kg seed	PHI (days)	Fludioxonil residue mg/kg	Author, Date Study No. Syn No
France, North 1997 (Sidéral)	FS 206.25	1	5.7	251	<u><0.02</u>	Pointurier 1999 9840402 1956
France, North 1998 (Forence Aurore)	FS 206.25	1	5.4	156	<u><0.02</u> ; <0.02	Pointurier 2000 9840502 2013
France, North 1998 (Furio)	FS 312.5	1	5.3	151	<u><0.02</u> ; <0.02	Pointurier 2000 9840601 2016
France, North 1998 (Prinqual)	FS 312.5)	1	5.2	156	<u><0.02</u> ; <0.02	Pointurier 2000 9840602 2017
France, North 1989 (Maris Huntsman)	FS 25	1	5.0	267	<u><0.02</u>	Tournayre 1992 04/92 0189
France, North 1993 (Soissons)	FS 300	1	5.0	240	<u><0.02</u>	Argento 1995 OS94405 1116
France, North 1993 (Soissons)	FS 150	1	5.0	240	<u><0.02</u>	Maffezzoni 1994 OS94402 539
France, North 1996 (Sidéral)	FS 320	1	5.0	251	<u><0.02</u>	Pointurier 1998 OS97401/SJ99 1587
France, North 1996 (Tremie)	FS 320	1	5.0	270	<u><0.02</u>	Pointurier 1998 OS97401/KJ99 1586
France, North 1991 (Apollo)	FS 275	1	7.5	273	<u><0.02</u>	Maffezzoni 1993 OS92001 0301
France, North 1991 (Fortal)	FS 275	1	7.5	237	<u><0.02</u>	Maffezzoni 1993 OS92001 0301
France, South 1991 (Festival)	FS 275	1	7.5	234	<u><0.02</u>	Maffezzoni 1993 OS92001 0301
France, South 1996 (Soissons)	FS 320	1	5.0	223	<u><0.02</u> <u><0.04</u>	Pointurier 1998 OS97401/AC99 1585
France, South 1993 (Sidéral)	FS 150	1	5.0	212	<u><0.02</u> <u><0.02</u>	Maffezzoni 1994 OS94402 0539
France, South 1997 (Soissons)	FS 206.25	1	5.6	217	<u><0.02</u>	Pointurier 1999 9840403 1955

Country Year (variety)	Form	No.	g ai/ 100 kg seed	PHI (days)	Fludioxonil residue mg/kg	Author, Date Study No. Syn No
France, South 1997 (Scipion)	FS 206.25	1	5.6	223	<u><0.02</u>	Pointurier 1999 9840404 1954
France, South 1993 (Fidel)	FS 150	1	5.0	223	<u><0.02</u> <u><0.02</u>	Maffezzoni 1994 OS94402 0539
France, South 1998 (Sidéral)	FS 312.5	1	6.0	242	<u><0.02</u> ; <0.02	Pointurier 2000 9940402 2034
France, South 1998 (Florence Aurore)	FS 206.25	1	5.4	147	<u><0.02</u> ; <0.02	Pointurier 2000 9840503 2014
France, South 1998 (Furio)	FS 206.25	1	5.5	145	<u><0.02</u> ; <0.02	Pointurier 2000 9840504 2015
France, North 1998 (Furio)	FS 206.25	1	5.3	153	<u><0.02</u> ; <0.02	Pointurier 2000 9840501 2012
France, South 1998 (Orqual)	FS 312.5	1	6.0	238	<u><0.02</u> ; <0.02	Pointurier 2000 99-40-401 2033
France, South 1998 (Florence Aurore)	FS 312.5	1	5.1	147	<u><0.02</u> ; <0.02	Pointurier 2000 9840603 2018
France, South 1997 (Furio)	FS 312.5	1	5.2	145	<u><0.02</u> ; <0.02	Pointurier 2000 984064 2019
France, South 1998 (Sidéral)	FS 287.5	1	7.4	242	<u><0.02</u> ; <0.02	Pointurier 2000 9940202 5192
France, South 1993 (Sidéral)	FS 300	1	5.0	212	<u><0.02</u>	Argento 1995 OS94405 1116
France, South 1993 (Fidel)	FS 300	1	5.0	223	<u><0.02</u>	Argento 1995 OS94405 1116
France, South 1989 (Maris Huntsman)	FS 25	1	5.0	211	<u><0.02</u>	Tournayre 1992 03/92 0188
Switzerland 1989 (Albis)	FS 25	1	5.0	128	<u><0.02</u> ; <0.02	Altenburger 1991 2030/89 1171

Country Year (variety)	Form	No.	g ai/ 100 kg seed	PHI (days)	Fludioxonil residue mg/kg	Author, Date Study No. Syn No
Switzerland 1989 (Arina)	FS 25	1	5.0	276	<u><0.02</u> ; <0.02	Altenburger 1991 2028/89 0075
Germany 1991	FS 25	1	5.0	126	<u><0.04</u>	Brandl 1993 gr 40191 0677
Germany 1991 (Max)	FS 25	1	5.0	142	<u><0.04</u>	Brandl 1993 gr 10191 0676
Germany 1991 (Max)	FS 25	1	5.0	131	<u><0.04</u>	Brandl 1993 gr 70191 0678
Germany 1992 (Star)	FS 125	1	5.0	112	<u><0.04</u>	Brandl 1993 gr 6292 1145
Germany 1992 (Star)	FS 125	1	5.0	128	<u><0.04</u>	Brandl 1993 gr 6292 1145
Germany 1991 (Herzog)	FS 125	1	5.0	272	<u><0.04</u>	Brandl 1993 gr 6292 1145
Germany 1992 (Star)	FS 125	1	5.0	116	<u><0.04</u>	Brandl 1993 gr 6292 1145
Germany 1991 (Herzog)	FS 125	1	5.0	284	<u><0.04</u>	Brandl 1993 gr 6292 1145
Germany 1991 (Max)	FS 125	1	5.0	142	<u><0.04</u>	Brandl 1993 gr6291 1144
Germany 1991 (Max)	FS 125	1	5.0	126	<u><0.04</u>	Brandl 1993 gr6291 1144
Germany 1991 (Max)	FS 125	1	5.0	131	<u><0.04</u>	Brandl 1993 gr6291 1144
Germany 1993 (Star)	FS 050	1	5.0	128	<u><0.02</u>	Kühl 1994 gr6893 0546
Germany 1993 (Star)	FS 050	1	5.0	147	<u><0.02</u>	Kühl 1994 gr6893 0546
Germany 1993 (Star)	FS 050	1	5.0	159	<u><0.02</u>	Kühl 1994 gr6893 0546

Table 106. Fludioxonil residues in rye grain from supervised seed treatment trials in Denmark.

Year (Variety)	Form	No.	g ai/ 100 kg seed	PHI days	Fludioxonil residue mg/kg	Author Date Study No. Syn No
1991 (Petkus II)	FS 25	1	5.0	305	<u><0.02</u>	Mair 1993 2020/91 0333

Table 107. Fludioxonil residues in barley grain after seed treatment from supervised trials in France, Switzerland, and Germany.

Country Year (variety)	Form.	No.	g ai/ 100 kg seed	PHI, days	Fludioxonil residue mg/kg	Author Date Study No. Syn No
France, North 1989 (Astrix)	FS 25	1	5.0	256	<u><0.02</u>	Maffezzoni 1992 05/92 0190
France, North 1991 (Plaisant)	FS 275	1	7.5	265	<u><0.02</u>	Maffezzoni 1993 OS92002 0300
Germany 1992 (Gaulois)	FS 60	1	5.0	287	<u><0.02</u>	Kühl 1995 gr 6793 0692
Germany 1993 (Sissy)	FS 60	1	5.0	156	<u><0.02</u>	Kühl 1995 gr 6793 0692
Germany 1993 (Sissy)	FS 60	1	5.0	143	<u><0.02</u>	Kühl 1995 gr 6793 0692
Switzerland 1989 (Cornel)	FS 25	1	5.0	115	<u><0.02</u> ; <0.02	Altenburger 1990 2029/89 0074
Switzerland 1999 (Meltan)	FS 25	1	3.5	112	<0.02; <0.02	Tribolet 2000 4000/99 6895
Switzerland 1999 (Meltan)	FS 25	1	3.5	112	<0.02; <0.02	Tribolet 2000 4001/99 6896
France, North 1999 (Scarlett, Spring)	FS 425	1	2.8	133	<0.02	Pointurier 2000 9940801 5303

Country Year (variety)	Form.	No.	g ai/ 100 kg seed	PHI, days	Fludioxonil residue mg/kg	Author Date Study No. Syn No
France, North 1998 (Nevada)	FS 425	1	2.3	151	<0.02, <0.02	Pointurier 2000 9840701 5155
France, North 1998 (Prisma)	FS 425	1	2.6	156	<0.02, <0.02	Pointurier 2000 9840801 5157
France, North 1998 (Esterel)	FS 425	1	2.9	262	<0.02	Pointurier 2000 9940501 5284
France, North 1994 (Clarine)	FS 302	1	2.5	217	<0.02, <0.02	Maffezzoni 1996 OS95400/SJ99 0987
France, North 1994 (Intro)	FS 30	1	2.5	217	<0.02, <0.02	Maffezzoni 1996 OS95400/SJ98 0988
France, North 1994 (Express)	FS 302	1	2.5	237	<0.02, <0.02	Maffezzoni 1996 OS95400/KJ02 0989
France, North KJ01 1994 (Labea)	FS 302	1	2.5	237	<0.02, <0.02	Maffezzoni 1996 OS95400/KJ01 0822
France, South 1998 (Pastoral, Winter)	FS 425	1	2.9	224	<0.02, <0.02	Pointurier 2000 9940601 5211
France, South 1998 (Maeva, Winter)	FS 425	1	2.9	212	<0.02, <0.02	Pointurier 2000 9940602 5210
France, South 1998 (Plaisant, Winter)	FS 425	1	2.9	216	<0.02	Pointurier 2000 9940603 5209
France, South 1998 (Gaelic, winter)	FS 425	1	2.8	242	<0.02, <0.02	Pointurier 2000 9940604 5208
France 1999 (Scarlett, Winter)	FS 425	1	2.7	133	<0.02, <0.02	Pointurier 2000 9940801 5303
France, South 1998 (Prisma)	FS 425	1	2.6	125	<0.02, <0.02	Pointurier 2000 9840702 5156
France, South 1998 (Nevada)	FS 425	1	2.3	124	<0.02, <0.02	Pointurier 2000 9840802 5158

Country Year (variety)	Form.	No.	g ai/ 100 kg seed	PHI, days	Fludioxonil residue mg/kg	Author Date Study No. Syn No
France, South 1994 (Intro)	FS 302	1	2.5	208	<0.02, <0.02	Maffezzoni 1996 OS95400/AC98 0986
France, South 1994 (Plaisant)	FS 302	1	2.5	204	<0.02, <0.02	Maffezzoni 1996 OS95400/AC99 0985
France, South 1994 (Pastoral)	FS 302	1	2.5	209	<0.02, <0.02	Maffezzoni 1996 OS95400/LD02 0984
France, South 1994 (Plaisant)	FS 302	1	2.5	209	<0.02, <0.02	Maffezzoni 1996 OS95400/LD01 0983
Germany 1999 (Krona, Spring)	FS 43.75	1	2.6	118	<0.02	Smith 2000 gr 67299 6902
Germany 1999 (Krona, Spring)	FS 43.75	1	2.5	115	<0.02	Smith 2001 gr 68499 5189
Germany 1998 (Cabria)	FS 43.75	1	2.6	285	<0.02	Smith 2000 gr 63299 6900

Table 108. Fludioxonil residues in maize grain after seed treatment from supervised trials in France, Germany, Greece, Hungary, South Africa, Spain, and the USA.

Country Year (Variety)	Form	g ai/ 100 kg seed	Crop part	PHI	Fludioxonil residue mg/kg	Author Date Study No. Syn No
USA-MS 1992 Field corn (6138X)	4FS	25	Grain	147	<u><0.01</u> , <0.01	Selman 1993 ABR-93030 31-92
USA-IL 1992 Field corn (G4385)	4FS	25	Grain	166	<u><0.01</u> , <0.01	Selman 1993 ABR-93030 31-92
USA-IA 1992 Field corn (2073X)	4FS	15	Grain	167	<u><0.01</u> , <0.01	Selman 1993 ABR-93030 31-92
USA-MO 1992 Field corn (2073X)	4FS	15	Grain	179	<u><0.01</u> , <0.01	Selman 1993 ABR-93030 31-92
USA-PA 1992 Field corn (2073X)	4FS	15	Grain	169	<u><0.01</u> , <0.01	Selman 1993 ABR-93030 31-92
France, North	FS 378	5.0	cobs grain	116 160	<0.02 <u><0.02</u>	Maffezzoni 1995

Country Year (Variety)	Form	g ai/ 100 kg seed	Crop part	PHI	Fludioxonil residue mg/kg	Author Date Study No. Syn No
1994 (Bahia)						OS94411 3965
France, North 1994 (Antares)	FS 378	5.0	cobs grain	116 160	<0.02 <u><0.02</u>	Maffezzoni 1995 OS94411 3965
France, North 1994 (Cesar)	FS 378	5.0	cobs grain	126 162	<0.02 <u><0.02</u>	Maffezzoni 1995 OS94411 3965
France, South 1994 (Furio)	FS 378	5.0	cobs grain	105 146	<0.02 <u><0.02</u>	Maffezzoni 1995 OS94411 3965
France, South 1994 (Occitan)	FS 378	5.0	cobs grain	105 146	<0.02 <u><0.02</u>	Maffezzoni 1995 OS94411 3965
France, South 1994 (Pactol)	FS 378	5.0	cobs grain	116 164	<0.02 <u><0.02</u>	Maffezzoni 1995 OS94411 3965
Greece 1991 (Prisma)	FS 100	10.	cobs	159	<0.02, <0.02	Mair 1992 2100/91 0226
Greece 1991 (Prisma)	FS 100	5.0	cobs	159	<0.02, <0.02	Mair 1992 2099/91 0225
Germany 1992 (Garant)	FS 200	?	grain	168 183?	0.05	Heyer 1994 RCC 463306 4011
Germany 1992 (Garant)	FS 200	?	grain	170	<0.02	Heyer 1994 RCC 463307 4033
South Africa 1997 (PAN 6479)	FS 035	5.0	grain	206	<u><0.02</u>	Kühne 1998 2405/97 1182
France, North 1998 (Bahia)	FS 424.6	3.4	cobs grain	111 145	<0.02, <0.02 <0.02, <0.02	Pointurier 1999 9841301 5056
France North, 1998 (Antares)	FS 424.6	3.4	cobs grain	105 166	0.02, 0.02 <0.02 <0.02	Pointurier 1999 9841601 5057
France, North 1999 (Anjou 285)	FS 424.6	2.6	cobs grain	106 158	<0.02, <0.02 <0.02 , <0.02	Pointurier 2000 9941201 5241
France, North 1997 (Antares)	FS 035	2.5	cobs cobs grain	125 133 166	<0.02 <0.02 <0.02	Kühne 1998 2321/97 1082
France, North 1997	FS 035	2.5	cobs grain	135 157	<0.02 <0.02	Kühne 1998 2322/97

Country Year (Variety)	Form	g ai/ 100 kg seed	Crop part	PHI	Fludioxonil residue mg/kg	Author Date Study No. Syn No
(Bahia)						1083
Germany 1997 (Antares)	FS 035	2.5	cobs cobs grain	124 141 155	<0.02 <0.02 <0.02	Smith 1998 gr 44497 1088
Germany 1997 (Antares)	FS 035	2.5	cobs cobs grain	118 142 174	<0.02 <0.02 <0.02	Smith 1998 gr 43197 1089
France, South 1998 (Furio)	FS 424.6	3.4	cobs grain	92 142	<0.02, <0.02 <0.02, <0.02	Pointurier 1999 9841302 5058
France, South 1998 (Occitan)	FS 424.6	3.3	cobs grain	92 145	<0.02, <0.02 <0.02, <0.02	Pointurier 1999 9841602 5059
France, South 1999 (Occitan)	FS 424.6	2.6	cobs grain	86 132	<0.02, <0.02 <0.02, <0.02	Pointurier 2000 9941202 5243
France, South 1997 (Occitan)	FS 035	2.5	cobs cobs grain	105 132 159	<0.02 <0.02 <0.02	Kühne 1998 2323/97 1084
France, South 1997 (Furio)	FS 035)	2.5	cobs cobs grain	92 109 141	<0.02 <0.02 <0.02	Kühne 1998 2324/97 1085
Greece 1997 (Tundra)	FS 035	2.5	cobs grain	106 160	<0.02, <0.02 <0.02, <0.02	Kühne 1998 2306/97 1186
Italy 1997 (Tundra)	FS 035	2.5	cobs grain	111 138	<0.02, <0.02 <0.02, <0.02	Kühne 1998 2036/97 1087
Spain 1997 (Miguel)	FS 035	2.5	cobs grain	112 163	<0.02, <0.02 <0.02, <0.02	Kühne 1998 2025/97 1086
Spain 1997 (Miguel)	FS 035	2.5	grain	177	<0.02, <0.02	Kühne 1998 2024/97 1153
Hungary 1996	FS 045	2.5	grain	157	<0.02	Berczi 1996 CIBA AB 16961 4202
South Africa 1997 (PAN 6479)	FS 035	2.5	grain	206	<0.02	Kühne 1998 2403/97 1180
South Africa 1997 (SNK 2266)	FS 035	2.5	grains	206	<0.02	Kühne 1998 2404/97 1181

Sorghum seed treatment trials in Kansas and Texas, USA, were reported (Boyette, Report US 33-92, 1993). The analytical method was AG-597, validated by concurrent recovery experiments at

0.05 mg/kg for grain and processed fractions thereof. It was reported that there were interferences at fortification levels below 0.05 mg/kg (Tables 49 and 51 in the Analytical methods section above).

Table 109. Fludioxonil residues in sorghum grain after seed treatment from supervised trials in the USA.

Location, Year (Variety)	Form	No.	g ai/100 kg seed	PHI days	Sample	Fludioxonil residue mg/kg	Author Date Study No. Syn No
KA 1992 (Funks G1711)	4FS	1	16	127	Grain	≤ 0.05 , < 0.05	Boyette 1993 US 33-92
			26	127	Flour	≤ 0.05 , < 0.05	
TX 1992	4FS	1	14	145	Grain	≤ 0.05 , < 0.05	Boyette 1993 US 33-92
			23	145	Grain	≤ 0.05 , < 0.05	

Nuts and seeds

Treenuts

Table 110. Residues of fludioxonil in pistachio nuts from supervised trials in California, USA.

Location Year (variety)	Application					PHI days	Fludioxonil residue mg/kg	Author Date Study No.
	Form	Kg ai/ha	kg ai/hl	Water, l/ha	No.			
1999 (Kerman)	WG 62.5	0.24 - 0.25	0.017	1383 - 1423	4	7	0.08, 0.07 (0.08)	Thompson 2001 IR-4 07336 1278-99
1999 (Kerman/Peter)	WG 62.5	0.24	0.017	1412	4	7	0.04, 0.03 (0.04)	Thompson 2001 IR-4 07336 1278-99
1999 (Kerman)	WG 62.5	0.24	0.017	1405	4	7	0.06, 0.04 (0.05)	Thompson 2001 IR-4 07336 1278-99

Oil seeds

Table 111. Fludioxonil residues in rape seed after seed treatment from supervised trials in France, the UK, Sweden, and Germany.

Country Year (variety)	Form	g ai/100 kg seed	Sample	PHI (days)	Fludioxonil residue mg/kg	Author Date Study No. Syn No
France, North 1997 (Navajo)	FS 321.3	12	Seeds	300	≤ 0.02	Mair 1999 1176/97 4957
France, North 1997 (Navajo)	FS 321.3	12	Seeds	293	≤ 0.02	Mair 1999 1177/97

Country Year (variety)	Form	g ai/100 kg seed	Sample	PHI (days)	Fludioxonil residue mg/kg	Author Date Study No. Syn No
						4958
UK 1997 (Apex)	FS 321.3	12	Seeds	323	≤ 0.02 , < 0.02 , < 0.02	Mair 1999 1025/98 4970
UK 1997 (Apex)	FS 321.3	12	Seeds	322	≤ 0.02 , < 0.02 , < 0.02	Mair 1999 1026/98 4971
Sweden 1998 (Sponsor)	FS 321.3	12	Seeds	145	≤ 0.02	Smith 1999 gr 68098 5045
Germany 1998 (Laser)	FS 321.3	12.	Seeds	330	≤ 0.02	Smith 2000 gr 61299 1197
Germany 1998 (Laser)	FS 321.3	12.	Seeds	319	≤ 0.02	Smith 2000 gr 62499 1198
Germany 1999 (Evita)	FS 321.3	12.	Seeds	133	≤ 0.02	Smith 2000 gr 71199 1199
Germany 1998 (Licosmos)	FS 321.3	12	Seeds	130	≤ 0.02	Smith 1999 gr 66298 5043
Germany 1998 (Licosmos)	FS 321.3	12	Seeds	124	≤ 0.02	Smith 1999 gr 65498 5044
France, South 1997 (Goeland)	FS 321.3	12	Seeds	278	≤ 0.02	Mair 1999 1178/97 4959
France, South 1997 (Bristol)	FS 321.3	12	Seeds	282	≤ 0.02	Mair 1999 1179/97 4960
France, South 1998 (Capitol)	FS 321.3	12	Seeds	274	≤ 0.02 , < 0.02	Mair 2000 1110/98 5201
France, South 1998 (Columbus)	FS 321.3	13	Seeds	277	≤ 0.02 , < 0.02	Mair 2000 1112/98 5202
France, South 1998 (Goeland)	FS 321.3	12	Seeds	285	≤ 0.02 , < 0.02	Mair 2000 1113/98 5203

Table 112. Fludioxonil residues in harvested cotton seed after seed treatment from supervised trials in the USA and Greece.

Country Year (Variety)	Form	g ai/ 100 kg seed	Sample	PHI (days)	Fludioxonil residue mg/kg	Author Date Study No. Syn No
USA, CA	FS 4	15	Undelinted seed Hulls	189 189	≤ 0.05 < 0.05	Vincent 1998 ABR-97111 59-96
USA, MS	FS 4	8.3	Field trash Gin trash Undelinted seed	152 152 152	< 0.05 < 0.05 ≤ 0.05	Vincent 1998 ABR-97111 59-96
USA, TX	FS 4	13	Gin trash Undelinted seed	165 165	< 0.05 ≤ 0.05	Vincent 1998 ABR-97111 59-96
USA, TX	FS 4	4.9	Field trash Gin trash Undelinted seed	132 132 132	< 0.05 < 0.05 ≤ 0.05	Vincent 1998 ABR-97111 59-96
USA, OK	FS 4	6.0	Field trash Gin trash Undelinted seed	174 174 174	< 0.05 < 0.05 ≤ 0.05	Vincent 1998 ABR-97111 59-96
USA, NM	FS 4	4.4	Field trash Gin trash Undelinted seed	188 188 188	< 0.05 < 0.05 ≤ 0.05	Vincent 1998 ABR-97111 59-96
Greece 1991 (S80)	FS 100	10.	Hulls Seeds, dehulled	175 175	< 0.02 , < 0.02 < 0.02 , ≤ 0.02	Mair 1993 2119/91 0252
Greece 1991 (S80)	FS 100	20.	Hulls Seeds, dehulled	175 175	< 0.02 , < 0.02 < 0.02 , ≤ 0.02	Mair 1993 2120/91 0253
Greece 1997 (Eva)	ES 104	2.5	Hulls Seeds, dehulled	149 149	< 0.05 , < 0.05 < 0.02 , < 0.02	Kühne 1999 2309/97 1673
Greece 1997 (Eva)	ES 104	2.5	Hulls Seeds, dehulled	165 165	< 0.05 , < 0.05 < 0.02 , < 0.02	Kühne 1999 2310/97 1674
Greece 1997 (Eva)	ES 104	2.5	Hulls Seeds, dehulled	159 159	< 0.05 , < 0.05 < 0.02 , < 0.02	Kühne 1999 2311/97 1675

Herbs and Spices

Herbs

Table 113. Residues of fludioxonil in chives from supervised trials in the USA.

Location Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No.
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
MD 2000 (Fancy)	WG 62.5	0.392- 0.396	0.100	392-397	4	6	Fresh 2.2, 1.8	Hong Chen 2002

Location Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No.
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
							(2.0)	07126
OR 2000 (Standard open)	WG 62.5	0.245- 0.250	0.047	520-528	4	7	Fresh 1.8, 1.7 (1.8)	Hong Chen 2002 07126
CA 2000 (Common)	WG 62.5	0.245- 0.259	0.167	147-154	4	7	Fresh 4.5, 3.3 (3.9) Dry 31.	Hong Chen 2002 07126

Table 114. Residues of fludioxonil in basil from supervised trials in the USA.

Location Year (variety)	Application					PHI days	Fludioxonil residue, mg/kg	Author Date Study No.
	Form	kg ai/ha	kg ai/hl	Water, l/ha	No.			
NY 2000 (Genovese basil)	WG 62.5	0.392- 0.411	0.123	311-344	4	8	Fresh 13.1, 10.8 (12)	Hong Chen 2002 07123
FL 2000 (HBA 105)	WG 62.5	0.242- 0.249	0.088	277-286	4	7	Fresh 2.0, 1.8 (1.9)	Hong Chen 2002 07123
CA 2000 (Italian large leaf basil)	WG 62.5	0.243- 0.245	0.064	374-387	4	7	Fresh ¹ 3.4, 2.7 (3.0) Dry ¹ 23.	Hong Chen 2002 07123

¹ Fresh and dry control samples contained apparent residues at 0.02 mg/kg

Straw, fodder, and forage of cereal grains and grasses

Table 115. Fludioxonil residues in wheat forage and straw after seed treatment from supervised trials in France, Switzerland, and Germany.

Country Year (variety)	Form	No.	g ai/ 100 kg seed	PHI (days)	Sample	Fludioxonil residue mg/kg	Author, Date Study No. Syn No.
France, North 1998 (Ritmo)	FS 287.5	1	6.1	262	straw	<0.05; <0.05	Pointurier 2000 9940201 5191
France, North 1997 (Vivant)	FS 312.5	1	5.3	276	straw	<0.05	Pointurier 1999 9840301 1927
France, North 1997 (Sidéral)	FS 312.5	1	5.4	251	straw	<0.05	Pointurier 1999 9840302 1928
France, North 1997 (Vivant)	FS 206.25	1	5.5	276	straw	<0.05	Pointurier 1999 9840401 1957

Country Year (variety)	Form	No.	g ai/ 100 kg seed	PHI (days)	Sample	Fludioxonil residue mg/kg	Author, Date Study No. Syn No
France, North 1997 (Sidéral)	FS 206.25	1	5.7	251	straw	<u><0.05</u>	Pointurier 1999 9840402 1956
France, North 1998 (Forence Aurore)	FS 206.25	1	5.4	65 91 156	whole plant whole plant straw	<u><0.02</u> <u><0.02</u> <u><0.05; <0.05</u>	Pointurier 2000 9840502 2013
France, North 1998 (Furio)	FS 312.5	1	5.3	151	straw	<u><0.05; <0.05</u>	Pointurier 2000 9840601 2016
France, North 1998 (Prinqual)	FS 312.5)	1	5.2	156	straw	<u><0.05; <0.05</u>	Pointurier 2000 9840602 2017
France, North 1989 (Maris Huntsman)	FS 25	1	5.0	267	straw	<u><0.02</u>	Tournayre 1992 04/92 0189
France, North 1993 (Soissons)	FS 300	1	5.0	240	straw	<u><0.05</u>	Argento 1995 OS94405 1116
France, North 1993 (Soissons)	FS 150	1	5.0	240	straw	<u><0.02</u>	Maffezzoni 1994 OS94402 539
France, North 1996 (Sidéral)	FS 320	1	5.0	251	straw	<u><0.04</u>	Pointurier 1998 OS97401/SJ99 1587
France, North 1996 (Tremie)	FS 320	1	5.0	270	straw	<u><0.04</u>	Pointurier 1998 OS97401/KJ99 1586
France, South 1996 (Soissons)	FS 320	1	5.0	223	straw	<u><0.04</u>	Pointurier 1998 OS97401/AC99 1585
France, South 1993 (Sidéral)	FS 150	1	5.0	212	straw	<u><0.02</u>	Maffezzoni 1994 OS94402 0539
France, South 1997 (Soissons)	FS 206.25	1	5.6	217	straw	<u><0.05</u>	Pointurier 1999 9840403 1955
France, South 1997 (Scipion)	FS 206.25	1	5.6	223	straw	<u><0.05</u>	Pointurier 1999 9840404 1954
France, South 1993 (Fidel)	FS 150	1	5.0	223	straw	<u><0.02</u>	Maffezzoni 1994 OS94402 0539
France, South 1998 (Sidéral)	FS 312.5	1	6.0	242	straw	<u><0.05; <0.05</u>	Pointurier 2000 9940402 2034

Country Year (variety)	Form	No.	g ai/ 100 kg seed	PHI (days)	Sample	Fludioxonil residue mg/kg	Author, Date Study No. Syn No
France, South 1998 (Florence Aurore)	FS 206.25	1	5.4	64 92 147	whole plant whole plant straw	<u><0.02</u> <0.02 <u><0.05</u> ; <0.05	Pointurier 2000 9840503 2014
France, South 1998 (Furio)	FS 206.25	1	5.5	60 101 145	whole plant whole plant straw	<u><0.02</u> <0.02 <u><0.05</u> ; <0.05	Pointurier 2000 9840504 2015
France, North 1998 (Furio)	FS 206.25	1	5.3	71 92 153	whole plant whole plant straw	<u><0.02</u> <u><0.02</u> <u><0.05</u> ; <0.05	Pointurier 2000 9840501 2012
France, South 1998 (Orqual)	FS 312.5	1	6.0	238	straw	<u><0.05</u> ; <0.05	Pointurier 2000 99-40-401 2033
France, South 1998 (Florence Aurore)	FS 312.5	1	5.1	147	straw	<u><0.05</u> ; <0.05	Pointurier 2000 9840603 2018
France, South 1997 (Furio)	FS 312.5	1	5.2	145	straw	<u><0.05</u> ; <0.05	Pointurier 2000 984064 2019
France, South 1998 (Sidéral)	FS 287.5	1	7.4	242	straw	<u><0.05</u> ; <0.05	Pointurier 2000 9940202 5192
France, South 1993 (Sidéral)	FS 300	1	5.0	212	straw	<u><0.05</u>	Argento 1995 OS94405 1116
France, South 1993 (Fidel)	FS 300	1	5.0	223	straw	<u><0.05</u>	Argento 1995 OS94405 1116
France, South 1989 (Maris Huntsman)	FS 25	1	5.0	211	straw	<u><0.02</u>	Tournayre 1992 03/92 0188
Switzerland 1989 (Albis)	FS 25	1	5.0	128	straw	<u><0.05</u> ; <0.05	Altenburger 1991 2030/89 1171
Switzerland 1989 (Arina)	FS 25	1	5.0	276	straw	<u><0.05</u> ; <0.05	Altenburger 1991 2028/89 0075
Germany 1991	FS 25	1	5.0	59 126	whole plant straw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr 40191 0677
Germany 1991 (Max)	FS 25	1	5.0	66 142	whole plant straw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr 10191 0676

Country Year (variety)	Form	No.	g ai/ 100 kg seed	PHI (days)	Sample	Fludioxonil residue mg/kg	Author, Date Study No. Syn No
Germany 1991 (Max)	FS 25	1	5.0	68 131	whole plant straw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr 70191 0678
Germany 1992 (Star)	FS 125	1	5.0	61 112	whole plant straw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr 6292 1145
Germany 1992 (Star)	FS 125	1	5.0	66 128	whole plant straw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr 6292 1145
Germany 1991 (Herzog)	FS 125	1	5.0	210 272	whole plant straw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr 6292 1145
Germany 1992 (Star)	FS 125	1	5.0	56 116	whole plant straw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr 6292 1145
Germany 1991 (Herzog)	FS 125	1	5.0	209 284	whole plant straw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr 6292 1145
Germany 1991 (Max)	FS 125	1	5.0	66 142	whole plant straw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr6291 1144
Germany 1991 (Max)	FS 125	1	5.0	59 126	whole plant traw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr6291 1144
Germany 1991 (Max)	FS 125	1	5.0	68 131	whole plant straw	<u><0.04</u> <u><0.04</u>	Brandl 1993 gr6291 1144
Germany 1993 (Star)	FS 050	1	5.0	56 128	whole plant straw	<u><0.02</u> <u><0.02</u>	Kühl 1994 gr6893 0546
Germany 1993 (Star)	FS 050	1	5.0	59 147	whole plant straw	<u><0.02</u> <u><0.02</u>	Kühl 1994 gr6893 0546
Germany 1993 (Star)	FS 050	1	5.0	71 159	whole plant straw	<u><0.02</u> <u><0.02</u>	Kühl 1994 gr6893 0546

Table 116. Fludioxonil residues in rye forage and straw from supervised trials (seed treatment) in Denmark.

Year (Variety)	Form	No.	g ai/ 100 kg seed	PHI days	Sample	Fludioxonil residue mg/kg	Author Date Study No. Syn No
1991 (Petkus II)	FS 25	1	5.00	264 277 291 305	whole plant stalks stalks straw	<u><0.05</u> <0.05 <0.05 <u><0.05</u>	Mair 1993 2020/91 0333

Table 117. Fludioxonil residues in barley forage and straw after seed treatment from supervised trials in France, Switzerland, and Germany.

Country Year (variety)	Form.	No.	g ai/ 100 kg seed	PHI, days	Sample	Fludioxonil residue mg/kg	Author Date Study No. Syn No
France, North 1989 (Astrix)	FS 25	1	5.0	256	straw	<u><0.02</u>	Maffezzoni 1992 05/92 0190
Germany 1992 (Gaulois)	FS 60	1	5.00	213 287	whole plant straw	<u><0.05</u> <u><0.05</u>	Kühl 1995 gr 6793 0692
Germany 1993 (Sissy)	FS 60	1	5.0	79 156	whole plant straw	<u><0.05</u> <u><0.05</u>	Kühl 1995 gr 6793 0692
Germany 1993 (Sissy)	FS 60	1	5.0	60 143	whole plant straw	<u><0.05</u> <u><0.05</u>	Kühl 1995 gr 6793 0692
Switzerland 1989 (Cornel)	FS 25	1	5.0	115	straw	<u><0.05</u> ; <0.05	Altenburger 1990 2029/89 0074
Switzerland 1999 (Meltan)	FS 25	1	3.5	112	straw	<0.02; <0.02	Tribolet 2000 4000/99 6895
Switzerland 1999 (Meltan)	FS 25	1	3.5	112	straw	<0.02; <0.02	Tribolet 2000 4001/99 6896
France, North 1999 (Scarlett, Spring)	FS 425	1	2.8	48 133	whole plant straw	<0.05; n/a <0.05	Pointurier 2000 9940801 5303
France, North 1998 (Nevada)	FS 425	1	2.3	151	straw	<0.05, <0.05	Pointurier 2000 9840701 5155
France, North 1998 (Prisma)	FS 425	1	2.6	65 91 156	whole plant whole plant straw	<0.02 <0.02 <0.05, <0.05	Pointurier 2000 9840801 5157

Country Year (variety)	Form.	No.	g ai/ 100 kg seed	PHI, days	Sample	Fludioxonil residue mg/kg	Author Date Study No. Syn No
France, North 1998 (Esterel)	FS 425	1	2.9	262	straw	<0.05	Pointurier 2000 9940501 5284
France, North 1994 (Clarine)	FS 302	1	2.5	217	straw	<0.02, <0.02	Maffezzoni 1996 OS95400/SJ99 0987
France, North 1994 (Intro)	FS 30	1	2.5	217	straw	<0.02, <0.02	Maffezzoni 1996 OS95400/SJ98 0988
France, North 1994 (Express)	FS 302	1	2.5	237	straw	<0.02, <0.02	Maffezzoni 1996 OS95400/KJ02 0989
France, North KJ01 1994 (Labea)	FS 302	1	2.5	237	straw	<0.02, <0.02	Maffezzoni 1996 OS95400/KJ01 0822
France, South 1998 (Pastoral, Winter)	FS 425	1	2.9	224	straw	<0.05, <0.05	Pointurier 2000 9940601 5211
France, South 1998 (Maeva, Winter)	FS 425	1	2.9	212	straw	<0.05, <0.05	Pointurier 2000 9940602 5210
France, South 1998 (Plaisant, Winter)	FS 425	1	2.9	216	straw	<0.05	Pointurier 2000 9940603 5209
France, South 1998 (Gaelic, winter)	FS 425	1	2.8	242	straw	<0.05, <0.05	Pointurier 2000 9940604 5208
France 1999 (Scarlett, Winter)	FS 425	1	2.7	48	whole plant	<0.05, <0.05	Pointurier 2000 9940801 5303
France, South 1998 (Prisma)	FS 425	1	2.6	125	straw	<0.05, <0.05	Pointurier 2000 9840702 5156
France, South 1998 (Nevada)	FS 425	1	2.3	53 89 124	whole plant whole plant straw	<0.02 <0.02 <0.05, <0.05	Pointurier 2000 9840802 5158
France, South 1994 (Intro)	FS 302	1	2.5	208	straw	0.02, 0.02	Maffezzoni 1996 OS95400/AC98 0986
France, South 1994 (Plaisant)	FS 302	1	2.5	204	straw	0.02, 0.02	Maffezzoni 1996 OS95400/AC99 0985

Country Year (variety)	Form.	No.	g ai/ 100 kg seed	PHI, days	Sample	Fludioxonil residue mg/kg	Author Date Study No. Syn No
France, South 1994 (Pastoral)	FS 302	1	2.5	209	straw	<0.02, <0.02	Maffezzoni 1996 OS95400/LD02 0984
France, South 1994 (Plaisant)	FS 302	1	2.5	209	straw	<0.02, <0.02	Maffezzoni 1996 OS95400/LD01 0983
Germany 1999 (Krona, Spring)	FS 43.75	1	2.6	118	straw	<0.02	Smith 2000 gr 67299 6902
Germany 1999 (Krona, Spring)	FS 43.75	1	2.5	115	straw	<0.02 <0.02	Smith 2001 gr 68499 5189
Germany 1998 (Cabria)	FS 43.75	1	2.6	285	straw	<0.02	Smith 2000 gr 63299 6900

Table 118. Fludioxonil residues in maize and sweet corn forage and fodder after seed treatment from supervised trials in France, Germany, Greece, Hungary, South Africa, Spain, and the USA.

Country Year (Variety)	Form	g ai/ 100 kg seed	Sample	PHI	Fludioxonil residue mg/kg	Author Date Study No. Syn No
USA-MS 1992 Field corn (6138X)	4FS	25	Forage Forage Silage-stage forage Fodder	30 60 106 147	<0.01, <0.01 <0.01, <0.01 <0.01, <0.01 <0.01, <0.01	Selman 1993 ABR-93030 31-92
USA-IL 1992 Field corn (G4385)	4FS	25	Forage Forage Silage-stage forage Fodder	31 60 116 166	<0.01, <0.01 <0.01, <0.01 <0.01, <0.01 <0.01, <0.01	Selman 1993 ABR-93030 31-92
USA-IA 1992 Field corn (2073X)	4FS	15	Forage Forage Silage-stage forage Fodder	32 60 124 167	<0.01, <0.01 <0.01, <0.01 <0.01, <0.01 <0.01, <0.01	Selman 1993 ABR-93030 31-92
USA-MO 1992 Field corn (2073X)	4FS	15	Forage Forage Silage-stage forage Fodder	31 61 125 179	0.01 ¹ , 0.01 ¹ , <0.01 ¹ 0.01 ² , <0.01 ² , <0.01 ² <0.01, <0.01 <0.01, <0.01 <0.01, <0.01	Selman 1993 ABR-93030 31-92
USA-PA 1992 Field corn (2073X)	4FS	15	Forage Forage Silage-stage forage Fodder	32 60 134 169	<0.01, <0.01 <0.01, <0.01 <0.01, <0.01 <0.01, <0.01	Selman 1993 ABR-93030 31-92
USA-FL 1992 Sweet corn (Revere)	4FS	15	Forage Forage	29 82	<0.01, <0.01 <0.01, <0.01	Selman 1993 ABR-93030 31-92
USA-WA 1992 Sweet corn (Terminator)	4FS	25	Forage Forage	30 98	<0.01, <0.01 <0.01, <0.01	Selman 1993 ABR-93030 31-92
USA-WI 1992	4FS	25	Forage Forage	38 97	<0.01, <0.01 <0.01, <0.01	Selman 1993

Country Year (Variety)	Form	g ai/ 100 kg seed	Sample	PHI	Fludioxonil residue mg/kg	Author Date Study No. Syn No
Sweet corn (Terminator)						ABR-93030 31-92
Germany 1992 (Garant)	FS 200	5.0	whole plant whole plant whole plant whole plant	58 86 118 147	0.06 0.07 <0.02 <0.02	Heyer 1994 RCC 463306 4011
Germany 1992 (Garant)	FS 200	5.0	whole plant whole plant whole plant whole plant	59 91 119 153	<0.02 <0.02 <0.02 <0.02	Heyer 1994 RCC 463307 4033
France, North 1998 (Bahia)	FS 424.6	3.4	whole plant cobs remainder (stem & leaves)	57 111 111	<0.02, <0.02 <0.02, <0.02 <0.02, <0.02	Pointurier 1999 9841301 5056
France North, 1998 (Antares)	FS 424.6	3.4	cobs remainder (stem & leaves)	105 105	0.02, 0.02 <0.02, <0.02 <0.02, <0.02	Pointurier 1999 9841601 5057
France, North 1999 (Anjou 285)	FS 424.6	2.6	cobs remainder (stem & leaves)	106 106	<0.02, <0.02 <0.05, <0.05	Pointurier 2000 9941201 5241
France, North 1997 (Antares)	FS 035	2.5	cobs remainder (stem & leaves) cobs remainder (stem & leaves)	125 125 133 133	<0.02 <0.02 <0.02 <0.02	Kühne 1998 2321/97 1082
France, North 1997 (Bahia)	FS 035	2.5	whole plant cobs remainder (stem & leaves)	119 135 135	<0.02 <0.02 <0.02	Kühne 1998 2322/97 1083
Germany 1997 (Antares)	FS 035	2.5	whole plant cobs remainder (stem & leaves) cobs remainder (stem & leaves)	70 124 124 141 141	<0.02 <0.02 <0.02 <0.02 <0.02	Smith 1998 gr 44497 1088
Germany 1997 (Antares)	FS 035	2.5	whole plant cobs remainder (stem & leaves) cobs remainder (stem & leaves)	80 118 118 142 142	<0.02 <0.02 <0.02 <0.02 <0.02	Smith 1998 gr 43197 1089
France, South 1998 (Furio)	FS 424.6	3.4	whole plant cobs remainder (stem & leaves)	63 92 92	<0.02, <0.02 <0.02, <0.02 <0.02, <0.02	Pointurier 1999 9841302 5058
France, South 1998 (Occitan)	FS 424.6	3.3	cobs remainder (stem & leaves)	92 92	<0.02, <0.02 <0.02, <0.02	Pointurier 1999 9841602 5059
France, South 1999 (Occitan)	FS 424.6	2.6	cobs remainder (stem & leaves)	86 86	<0.02, <0.02 <0.05, <0.05	Pointurier 2000 9941202 5243
France, South 1997 (Occitan)	FS 035	2.5	cobs remainder (stem & leaves) cobs	105 105 132 132	<0.02 <0.02 <0.02 <0.02	Kühne 1998 2323/97 1084

Country Year (Variety)	Form	g ai/ 100 kg seed	Sample	PHI	Fludioxonil residue mg/kg	Author Date Study No. Syn No
			remainder (stem & leaves)			
France, South 1997 (Furio)	FS 035)	2.5	cobs remainder (stem & leaves) cobs remainder (stem & leaves)	92 92 109 109	<0.02 <0.02 <0.02 <0.02	Kühne 1998 2324/97 1085
Greece 1997 (Tundra)	FS 035	2.5	cobs remainder (stem & leaves)	106 106	<0.02, <0.02 <0.02, <0.02	Kühne 1998 2306/97 1186
Italy 1997 (Tundra)	FS 035	2.5	cobs whole plant	111 111	<0.02, <0.02 <0.02, <0.02	Kühne 1998 2036/97 1087
Spain 1997 (Miguel)	FS 035	2.5	cobs remainder (stem & leaves, fodder)	112 163	<0.02, <0.02 <0.02, <0.02	Kühne 1998 2025/97 1086
Spain 1997 (Miguel)	FS 035	2.5	whole plant	142	<0.02, <0.02	Kühne 1998 2024/97 1153

Table 119. Fludioxonil residues in sorghum forage, hay, fodder, and silage after seed treatment from supervised trials in the USA.

Country, Year (Variety)	Form	No.	g ai/100 kg seed	PHI days	Sample	Fludioxonil residue mg/kg	Author Date Study No.
KA 1992 (Funks G1711)	4FS	1	16	30 30 64 64 95 127	Forage Hay Forage Hay Silage Fodder	<0.01, <0.01 <0.01, <0.01 <u><0.01</u> , <0.01 <0.01, <0.01 <0.01, <0.01 <u><0.01</u> , <0.01	Boyette 1993 US 33-92
			26	30 30 64 64 95 127	Forage Hay Forage Hay Silage Fodder	<0.01, <0.01 <0.01, <0.01 <u><0.01</u> , <0.01 <0.01, <0.01 <0.01, <0.01 <u><0.01</u> , <0.01	
TX 1992	4FS	1	14	31 31 59 59 97 145	Forage Hay Forage Hay Silage Fodder	<0.01, <0.01 <0.01, <0.01 <u><0.01</u> , <0.01 <0.01, <0.01 <0.01, <0.01 <u><0.01</u> , <0.01	Boyette 1993 US 33-92
			23	31 31 59 59 97 145	Forage Hay Forage Hay Silage Fodder	<0.01, <0.01 <0.01, <0.01 <u><0.01</u> , <0.01 <0.01, <0.01 <0.01, <0.01 <u><0.01</u> , <0.01	

Miscellaneous fodder and forage crops

Table 120. Fludioxonil residues in rape forage and straw after seed treatment from supervised trials in France, UK, Sweden, and Germany.

Country Year (variety)	Form	g ai/100 kg seed	Sample	PHI (days)	Fludioxonil residue mg/kg	Author Date Study No. Syn No
France, North 1997 (Navajo)	FS 321.3	12	Whole plant	184	<u><0.05</u>	Mair 1999 1176/97 4957
France, North 1997 (Navajo)	FS 321.3	12	Whole plant	173	<u><0.05</u>	Mair 1999 1177/97 4958
UK 1997 (Apex)	FS 321.3	12	Whole plant	177	<u><0.05</u> , <0.05, <0.05	Mair 1999 1025/98 4970
UK 1997 (Apex)	FS 321.3	12	Whole plant	176	<u><0.05</u> , <0.05, <0.05	Mair 1999 1026/98 4971
Sweden 1998 (Sponsor)	FS 321.3	12	Whole plant Straw	34 145	<u><0.05</u> <u><0.05</u>	Smith 1999 gr 68098 5045
Germany 1998 (Laser)	FS 321.3	12.4	Whole plant Straw	217 330	<u><0.05</u> <u><0.05</u>	Smith 2000 gr 61299 1197
Germany 1998 (Laser)	FS 321.3	12.4	Whole plant Straw	219 319	<u><0.05</u> <u><0.05</u>	Smith 2000 gr 62499 1198
Germany 1999 (Evita)	FS 321.3	12.5	Whole plant Straw	56 133	<u><0.05</u> <u><0.05</u>	Smith 2000 gr 71199 1199
Germany 1998 (Licosmos)	FS 321.3	12	Whole plant Straw	46 130	<u><0.05</u> <u><0.05</u>	Smith 1999 gr 66298 5043
Germany 1998 (Licosmos)	FS 321.3	12	Whole plant Straw	51 124	<u><0.05</u> <u><0.05</u>	Smith 1999 gr 65498 5044
France, South 1997 (Goeland)	FS 321.3	12	Whole plant	162	<u><0.05</u>	Mair 1999 1178/97 4959
France, South 1997 (Bristol)	FS 321.3	12	Whole plant	176	<u><0.05</u>	Mair 1999 1179/97 4960