

US EPA ARCHIVE DOCUMENT

Action  
Case 231

Caswell No(s): 023A

To: Mr Robert Taylor

Registration No(s): \_\_\_\_\_

Pesticide Petition No(s): 2F2717

Chemical(s): Oryzalin (Surflan)

Requested Action(s): Revised Section F - 0.05 ppm in CR on potatoes

Recommendation: Over previous considerations (TB, JAGGER, 8/16/82) similarly support the revised Section F.

Inert(s) cleared 180.1001: Yes

% of ADI occupied: Existing: 1.63% Resulting: 2.35%

Resulting % increase in TMRC: 45%

Data considered in setting the ADI: See TB review of 2F2717, 8/16/82.

Attached (?): ADI printout: (YES/NO); TOX "one-liner": YES(NO); DER: YES(NO)

Existing regulatory actions against registration: None

RPAR status: None

New Data: None

Data gaps: Dominant Letter (cont)

Comments: F BEST AVAILABLE CCFY

Reviewer: Robert B Jagger 12/13/82

Section Head: R.B.J. 12/13/82

DEC 14 1982

Branch Chief: Robert B Jagger 12/13/82

File last updated 12/13/82

ACCEPTABLE DAILY INTAKE DATA

LOG	NOEL	S.F.	PADI	DPI
mg/kg	ppm		mg/kg/day	mg/day (60kg)
18.750	750.00	2000	0.0094	0.5625

Published Tolerances

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Soybeans (oil)(146)	0.100	0.92	0.00138
Cottonseed (oil)( 41)	0.050	0.15	0.00011
AVOCADOS( 6)	0.050	0.03	0.00002
Citrus Fruits( 33)	0.050	3.81	0.00266
Figs( 57)	0.050	0.03	0.00002
Kiwi Fruit(204)	0.050	0.03	0.00002
Nuts(101)	0.050	0.10	0.00008
Olives(104)	0.050	0.06	0.00005
Pistachio nuts(210)	0.050	0.03	0.00002
Pome Fruits(126)	0.050	2.79	0.00209
Pomegranates(100)	0.050	0.03	0.00002
Small fruit, berries(146)	0.050	0.03	0.00062
Stone Fruits(151)	0.050	1.25	0.00094
Sweet Potatoes(157)	0.050	0.40	0.00030
Peas(117)	0.050	0.69	0.00052

DPI	TMRC	% ADI
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0.5625 mg/day (60kg)	0.0091 mg/day (1.5kg)	1.61
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Unpublished, Fox Approved 2F2718/2H5360

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Peppermint(119)	0.100	0.03	0.00005
Spearmint(149)	0.100	0.03	0.00005

DPI	TMRC	% ADI
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0.5625 mg/day (60kg)	0.0091 mg/day (1.5kg)	1.63
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Current Action 2F2717

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Potatoes(127)	0.050	5.43	0.00407

DPI	TMRC	% ADI
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0.5625 mg/day (60kg)	0.0132 mg/day (1.5kg)	2.35
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