

US EPA ARCHIVE DOCUMENT

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Terbutryn Caswell #125D CAS No. 886-50-0 A.I. CODE: 080813 CFR No. 180.265	2yr feeding- rat NOEL= 0.1000 mg/kg LEL= 15.0000 mg/kg 300.00 ppm ONCO: Interin Class C(g).	Dose related decrease in erythrocytes & hemoglobin values in females. Evidence of oncogenicity in rats (thyroid, liver, mammary) negative in mice	ADI UP -->100 OPP Rfd= 0.001000 EPA Rfd= 0.001000 Q*= 0.008900	No data gaps. Q* calculated.	HED complete 01/13/87. EPA verified 08/12/87. HED reassess 06/03/88. EPA verified 07/20/88. On IRIS.

TOTAL TMRC (MG/KG BODY WEIGHT/DAY)

POPULATION SUBGROUP	CURRENT TMRC*	NEW TMRC**	NEW TMRC AS PERCENT OF RFD	DIFFERENCE AS PERCENT OF RFD	EFFECT OF ANTICIPATED RESIDUES
U.S. POPULATION - 48 STATES	0.000149	0.000149	14.919000	0.000000	
U.S. POPULATION - SPRING SEASON	0.000143	0.000143	14.321700	0.000000	
U.S. POPULATION - SUMMER SEASON	0.000143	0.000143	14.318400	0.000000	
U.S. POPULATION - FALL SEASON	0.000151	0.000151	15.110500	0.000000	
U.S. POPULATION - WINTER SEASON	0.000150	0.000150	14.974700	0.000000	
NORTHEAST REGION	0.000155	0.000155	15.516100	0.000000	
NORTH CENTRAL REGION	0.000152	0.000152	15.226100	0.000000	
SOUTHERN REGION	0.000138	0.000138	13.825100	0.000000	
WESTERN REGION	0.000142	0.000142	14.240900	0.000000	
HISPANICS	0.000140	0.000140	14.066800	0.000000	
NON-HISPANIC WHITES	0.000150	0.000150	15.030200	0.000000	
NON-HISPANIC BLACKS	0.000128	0.000128	12.818300	0.000000	
NON-HISPANIC OTHERS	0.000140	0.000140	14.047400	0.000000	
NURSING INFANTS (< 1 YEAR OLD)	0.000050	0.000050	4.954100	0.000000	
NON-NURSING INFANTS (< 1 YEAR OLD)	0.000117	0.000117	11.713500	0.000000	
FEMALES (13+ YEARS, PREGNANT)	0.000103	0.000103	10.320800	0.000000	
FEMALES 13+ YEARS, NURSING CHILDREN (1-6 YEARS OLD)	0.000131	0.000131	13.089900	0.000000	
CHILDREN (7-12 YEARS OLD)	0.000317	0.000317	31.659300	0.000000	
MALES (13-19 YEARS OLD)	0.000231	0.000231	23.145500	0.000000	
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.000169	0.000169	16.852300	0.000000	
MALES (20 YEARS AND OLDER)	0.000127	0.000127	12.724200	0.000000	
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURSING)	0.000127	0.000127	12.689000	0.000000	
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURSING)	0.000096	0.000096	9.588300	0.000000	

*Current TMRC does not include new or pending tolerances.
**New TMRC includes new, pending, and published tolerances.

6-27-89

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES		DATA GAPS/COMMENTS	STATUS
			ADI	UF		
Terbutryn	2yr feeding- rat	Dose related decrease in erythrocytes & hemoglobin values in females.		-->100	No data gaps.	HED complete 01/13/87.
Caswell #125D	NOEL= 0.1000 mg/kg		OPP RfD= 0.001000			EPA verified 08/12/87.
CAS No. 886-50-0	2.00 ppm		EPA RfD= 0.001000			HED reassess 06/03/88.
A.I. CODE: 080813	LEL= 15.0000 mg/kg	Evidence of oncogenicity in rats (thyroid, liver, mammary) negative in mice	Q*= 0.008900		Q* calculated.	EPA verified 07/20/88.
CFR No. 180.265	300.00 ppm					On IRIS.
	ONCO: Interin Class C(g).					

FOOD CODE	FOOD NAME	PETITION NUMBER	TOLERANCE (PPM)	
			NEW	PUBLISHED
24001AA	BARLEY	1F1152		0.100000
24006AA	SORGHUM (INCLUDING MILO)			0.100000
24007AA	WHEAT-ROUGH	8F0714		0.100000
24007GA	WHEAT-GERM	8F0714		0.100000
24007HA	WHEAT-BRAN	8F0714		0.100000
24007WA	WHEAT-FLOUR	8F0714		0.100000

TERBUTKYN

CFR 265

CAS. 125D

6/29/59, JAF

FOODNAME	#	PDM	petnum
BARLEY, GRAIN	24001AA	.1	1F1152
WHEAT, GRAIN	24007AA, (GA), (HA), (WA)	.1	8F0714
SORGHUM, GRAIN	24006AA	.1	