

**§ 180.495 Spinosad; tolerances for residues. (As of 7/21/99)**

(a) *General.* Tolerances are established for residues of the insecticide spinosad in or on the food commodities in the table to this paragraph. Spinosad is a fermentation product of *Saccharopolyspora spinosa*. The product consists of two related active ingredients: Spinosyn A (Factor A; CAS 131929-60-7) or 2-[(6-deoxy-2,3,4-tri-O-methyl- $\alpha$ -L-manno-pyranosyl)oxy]-13-[[5-(dimethylamino)-tetrahydro-6-methyl-2H-pyran-2-yl]oxy]-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione; and Spinosyn D (Factor D; CAS 131929-63-0) or 2-[(6-deoxy-2,3,4-tri-O-methyl- $\alpha$ -L-manno-pyranosyl)oxy]-13-[[5-(dimethyl-amino)-tetrahydro-6-methyl-2H-pyran-2-yl]oxy]-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a, 16b-tetradecahydro-4,14-methyl-1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione. Typically, the two factors are present at an 85:15 (A:D) ratio.

Commodity	Parts per million	Expiration/Revocation Date
Almonds .....	0.02	None
Almond hulls .....	2.0	None
Apples .....	0.2	None
Apple pomace, wet	0.5	None
Brassica (cole), leafy vegetables, greens subgroup	10.0	None
Brassica (cole), leafy vegetables, head and stem subgroup .....	2.0	None
Cattle, fat .....	0.6	None
Cattle, meat .....	0.04	None
Cattle, meat by-products .....	0.2	None
Citrus fruits group	0.3	None
Citrus oil .....	3.0	None
Citrus pulp, dried ...	0.5	None
Coffee .....	0.02	8/28/00
Corn, sweet, forage	0.6	6/20/01
Corn, sweet, kernel, plus cob with husk removed ....	0.02	6/20/01
Corn, sweet, stover	1.0	6/20/01
Cotton gin byproducts .....	1.5	None
Cottonseed .....	0.02	None
Fruiting vegetables (except cucurbits) group .....	0.4	None
Goat, fat .....	0.6	None
Goat, meat .....	0.04	None
Goat, meat byproducts .....	0.2	None

Commodity	Parts per million	Expiration/Revocation Date
Hogs, fat .....	0.6	None
Hogs, meat .....	0.04	None
Hogs, meat byproducts .....	0.2	None
Horses, fat .....	0.6	None
Horses, meat .....	0.04	None
Horses, meat byproducts .....	0.2	None
Leafy vegetables (except Brassica vegetables) group .....	8.0	None
Milk, fat .....	0.5	None
Milk, whole .....	0.04	None
Sheep, fat .....	0.6	None
Sheep, meat .....	0.04	None
Sheep, meat byproducts .....	0.2	None
Tuberous and corm vegetables (crop subgroup 1C) .....	0.02	None

(b) *Section 18 emergency exemptions.* Factor A is 2-[(6-deoxy-2,3,4-tri-O-methyl-o-L-mannopyranosyl)oxy]-13-[[5-(dimethylamino)-tetrahydro-6-methyl-2H-pyran-2-yl]oxy]-9-ethyl-2,3,3a,5a,6,9,10,11,12,13,14,16a,6b,tetradecahydro-14-methyl-1H-as-Indaceno[3,2d]oxacyclododecin-7,15-dione. Factor D is 2-[6-deoxy-2,3,4-tri-O-methyl-o-L-mannopyranosyl)oxy]13-[[5-(dimethylamino)-tetrahydro-6-methyl-2H-pyran-2-yl]oxy]-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-4,14,dimethyl-1H-as-Indaceno[3,2d]oxacyclododecin-7,15-dione.

Commodity	Parts per million	Expiration/Revocation Date
Cranberries .....	0.02	06/01/01
All commodities in connection with quarantine eradication programs against exotic, non-indigenous, fruit fly species, where a separate higher tolerance is not already established .....	0.02	12/01/02

(c) *Tolerances with regional registrations.* [Reserved]  
 (d) *Indirect or inadvertent residues.* [Reserved]