

US EPA ARCHIVE DOCUMENT

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NOTE TO: ANNE BARTON

This is the information Jack Moore requested regarding the need for 409 tolerances for alachlor.

Food additive tolerances are needed for peanut meal and soybean meal. Feed additive tolerances are needed for sorghum milled fractions, peanut meal, soybean soapstock, soybean hulls, and soybean meal. Note that we do not know if 409 tolerances are needed on the following commodities: corn starch, sunflower meal, cottonseed meal, and cottonseed soapstock, since we have still not received processing data on these commodities.

The concentration factors were calculated based on actual processing studies provided by the registrant and are given below.

CONCENTRATION FACTORS FOR PROCESSED COMMODITIES

<u>Processed Commodity</u>	<u>Concentration Factor</u>	
	<u>Average</u>	<u>Range</u>
Peanut meal	1.4x	1.0-1.8x
Soybean meal	1.3x	1.0-1.5x
Sorghum milled fractions	2.5x	1.0-4.2x
Soybean soapstock ^{1/}	1.8x	1.0-2.5x
Soybean hulls	1.4x	2/

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- 1/ Translated from corn soapstock
 - 2/ The range of concentration factors was not determined.

The present tolerances for raw agricultural commodities are as follows. Many of the tolerances may need to be raised, due to the presence of an additional group of metabolites (those containing the HEAA moiety). Additional residue data reflecting the maximum registered uses have been requested from the registrant.

Commodity	Tolerance (ppm).
Beans, field, dry	0.1
Beans, forage & hay	0.2
Corn, forage & fodder	0.2
Corn, fresh (incl. sweet, K + CWHR)	0.05
Corn, grain	0.2
Cotton, forage	0.2
Cottonseed	0.05
Lima beans, green	0.1
Peanuts	0.05

Commodity	Tolerance
Peanut Hulls	1.5
Peanuts, forage & hay	3
Peas, forage & hay	0.2
Peas w/pods removed	0.1
Potatoes	0.1
Sorghum, fodder & forage	1
Sorghum, grain (milo)	0.1
Soybeans	0.2
Soybeans, forage	0.75
Soybeans, hay	0.2
Sunflower seeds	0.25
Meat, fat, and meat byp of cattle, goats, hogs, horses, poultry, and sheep; milk; and eggs	0.02



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