

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: June 30, 1977

SUBJECT: Glyphosate in or on nut crops, TB reply to CB deferral in
CB memo of 6/27/77, IP No. 7GL893.

FROM: T1/100

TO: Special Registration Section

PP No. 7GL893

Monsanto Co.
St. Louis, Mo. 63166

CB in memo (cf. title, above) defers to TB as to significance of levels of N-nitrosoglyphosate which they estimate to occur at levels of from less than 1 to up to 20 parts per billion in the food items for which temporary tolerances are sought.

TB had approved requested tolerances in its review (memo of Mr. R. Landolt, 2/2/77, this PP). [CB (present memo) finds the analytical method is adequate; combined residues of glyphosate and its metabolite, aminomethylphosphonic acid, will not exceed proposed tolerances of 0.2 ppm and 1 ppm in nut meats and almond hulls from proposed use; the present 0.1-ppm temporary tolerance for liver and kidney (PP No. 6GL757) is adequate to cover residues from present plus proposed uses; and no tolerances are needed for eggs, milk, or other meat tissues.] Also, there should be a flat restriction against grazing for cover crops.]

TB does not regard the minute amounts of N-nitrosoglyphosate, which may occur in foods for which these temporary tolerances are sought, as toxicologically significant.

CONCLUSION:

TB finds requested temporary tolerances adequately supported by available toxicologic data on glyphosate.

W.C. 6/30/77

Mary L. Quaife, Ph.D., TB/TD
June 30, 1977

11/9/75