December 29, 1971

Mr. C. K. Shuman
The Ohio Grain Company
Milford Center, Ohio 43045

Dear Mr. Shuman:

Your letter dated December 6 informing Monsanto of the discovery of PCB's in horse feed was forwarded to me for response.

The presence of PCB's at the high level you indicated is extremely puzzling since Monsanto has restricted the sales of these materials for over one year. Apparently, contamination is occurring from some past application of PCB's.

Since I do not know what ingredients are used in your horse feed, I can only speculate regarding the source of PCB's. I would suspect painted surfaces such as silos, bins, or conveyors in which the coating is deteriorating. If paper bags are involved, they could be contaminated from the use of recycle paper, adhesives or inks.

PCB's were used in such small quantities in greases and plastic liners that these sources would appear to be insignificant.

If any of the ingredients undergo heat treatment perhaps a heat transfer system using PCB's as the heating medium might be involved.

I have enclosed copies of articles relating to PCB's.

I hope this information is useful to you. If I can be of further service, please let me know.

Sincerely,

MONS 093997

W. B. Papageorge
Manager
Environmental Protection

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