

SEP 06 1977

PP# 7F1913. Metolachlor (Dual) on soybeans. Amendment of 8/1/77 including Revised Sections B and F.

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Thru: Chief, Chemistry Branch

The revised Section B includes the restriction, "Do not graze or feed soybean hay or forage treated with Dual 6E alone or tank mixtures containing Dual 6E." This restriction satisfies the deficiency noted under Conclusion 3b of our original evaluation (memo, D. Reed, 6/14/77).

The revised Section F includes a tolerance proposal at 0.02 ppm in eggs, milk, and the meat, fat and meat byproducts of cattle, goats, hogs, horses, poultry and sheep. The petitioner has based the proposed tolerance level on the method sensitivity; actual residues in eggs, milk, and meat would be expected to be well below the 0.02 ppm level. We have no objection to this level. The proposal satisfies the deficiency noted under conclusion 4 of our original evaluation.

Conclusion and Recommendation.

1. The revised Sections B and F satisfy the 2 chemistry deficiencies noted in our evaluation of 6/14/77.
2. If toxicological considerations permit, we could recommend for tolerances for residues of the herbicide metolachlor [2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)-acetamide] and its metabolites determined as 2-[(2-ethyl-6-methylphenyl)amino]-1-propanol and 4-(2-ethyl-6-methylphenyl)-2-hydroxy-5-methyl-3-morpholine, each expressed as parent metolachlor, in or on soybeans at 0.1 ppm, and in eggs, milk, and the meat, fat and meat byproducts of cattle, goats, hogs, horses, poultry and sheep at 0.02 ppm.

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cc: TOX, EEE, FDA, CHM (4)
MH-567:DReed:sdb:Rm. 108:X62610:CHM:9/6/77
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