December 6, 2006
U.S.EPA OPP/doc Proc Desk (REGFEE)
Room S-4900
One Potomac yard
2777 S. Crystal Drive
Arlington, VA 22202

Dear Ms. Madden:

Re: Dimethenamid-p

OUTLOOK Herbicide

7969-156

dimethenamid-p, 1(R,S)-2-chloro-N-[(1-methyl-2-methoxy)ethyl]-N-(2,4-
dimethylthien-3-yl)-acetamide

New Uses

Winter squash, Pumpkin, Radish (roots and tops), Rutabaga,
Turnip (roots and tops), Turnip greens, and Hops

IR-4, PR # 06596 (Winter squash), PR# 07909 (Pumpkin), PR# 07697 (Radish roots and tops), PR# 07697 (Rutabaga roots and tops), 07696 (Turnip roots and tops), PR# 09813 (Turnip greens), PR# 08705 (Hops)

Review: Four final reports
Category: R17 50,000 X 4 = $200,000

See IR-4 Waiver Request Below

The undersigned, Dr. Marija Arsenovic, Weed Science Coordinator, Interregional Research Project No. 4, State Agricultural Experiment Station, Rutgers, The State University of New Jersey, Princeton, New Jersey 08540, on behalf of the IR-4 Project and the Agricultural

Major funding for IR-4 is provided by Special Research Grants and Hatch Act Funds from USDA-CSREES, in cooperation with the State Agricultural Experiment Stations, and USDA-ARS.
Experiment Stations of Arkansas, California, North Carolina, Oregon, Tennessee, and Canadian Province of Ontario (turnip root and tops request), Georgia (turnip greens request), Oregon (radish request), New York, Oregon, and Canadian Province of Ontario (rutabaga request), Oregon, Tennessee, and Canadian Provinces of British Columbia, Ontario, and Quebec (winter squash request), Tennessee, Texas (pumpkin request), and Washington (hops request) submit this petition pursuant to Section 408(e) of the Federal Food, Drug and Cosmetic Act, as amended, with respect to the pesticide chemical, Dimethenamid-p (40 CFR 180.464). We request that this petition be reviewed under the Pesticide Registration Improvement Act and that EPA should waive the registration fee for review of these uses.

**ELECTRONIC SUBMISSION TO FOLLOW**

As per the “IR-4 Waiver Determination under the Pesticide Registration Improvement Act” signed by OPP Director James J. Jones, the IR-4 tolerance petition for herbicide Dimethenamid-p in/on the crops listed on the previous page is in the public interest. Therefore, IR-4 in cooperation with the registrant, BASF Corporation, is requesting a waiver of the registration services fee for this petition.

List of Studies Submitted in Support of Proposed Tolerances for Dimethenamid-p in/on winter squash, pumpkin, radish (roots and tops), rutabaga, turnip (roots and tops), turnip greens, and hops:

<table>
<thead>
<tr>
<th>Vol. No</th>
<th>Volume Title</th>
<th>MRID No. / PP No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Petition (Administrative Volume) Supporting data for winter squash, pumpkin, radish (roots and tops), rutabaga, turnip (roots and tops), turnip greens, and hops</td>
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<tr>
<td>2</td>
<td>Dimethenamid-p: Magnitude of the Residue on Turnip (roots and tops)</td>
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<tr>
<td>3</td>
<td>Dimethenamid-p: Magnitude of the Residue on Radish (roots and tops)</td>
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<tr>
<td>4</td>
<td>Dimethenamid-p: Magnitude of the Residue on Winter Squash</td>
<td></td>
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<tr>
<td>5</td>
<td>Dimethenamid-p: Magnitude of the Residue on Hops</td>
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The hard copy (2 copies of each volume) submission is enclosed with this transmission.

Also enclosed are the following:

- EPA Form 8570-1 (Rev. 3-94) for OUTLOOK Herbicide

- Proposed Labels for the use OUTLOOK Herbicide for use on winter squash, pumpkin, radish (roots and tops), rutabaga, turnip (roots and tops), turnip greens, and hops: (also included in Section B of the Administrative Volume) (5 copies of proposed labels).

For all questions regarding the proposed labels, please contact the registrant.

- Current Label for OUTLOOK Herbicide
- Notice of Filing

Yours very truly,

Interregional Research Project No. 4

Petitioner

Per [Signature] Arsenovic

Dr. Marija Arsenovic
Weed Science Coordinator
IR-4 Project Headquarters
Rutgers, The State University of New Jersey

Copies: T. Wofford, BASF Corporation (Letter and Uploaded Administrative volume)
IR-4 Regional Coordinators (Uploaded Administrative volume only)
S. Archambault ((Uploaded Administrative volume only)
D. Infante, IR-4 (letter only)