MEMORANDUM:

SUBJECT: IR-4 Crop Grouping Comments

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Hazard Evaluation Division (TS-769)

THRU: Charles L. Trichilo, Chief
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TO: Minor Crops Officer (H. Jamerson)
ERS, PCB, RD (TS-767)

This memo is in response to a proposal for obtaining residue data on representative crops for crop group tolerances. The IR-4 group has asked for our comments/suggestions on their proposals. The following refer to the IR-4 letter of 11/9/83 (D.M. Baker to C.L. Trichilo).

Roots and tuber vegetables (and their leaves)

- **Carrots**: CA, TX/AZ, MI/WI, WA/OR, NY/NJ, OH, MI, MN
- **Potato**: ID, OR/WA, ND, MN, WI, ME CA, CO
- **Radish**: FL, CA
- **Sugarbeets**: CA, MN/ND, ID, WA, NB, WY, MI

Roots and tops

- **Turnip**: CA, OR/WA, TX, OH, NJ, IL/IN

Sugarbeets

Bulb vegetables (Allium)

- **Garlic**: CA

See Sugarbeets above
Green onion  TX, CA, AZ/NM
Bulb onion  NY, MI, OR/WA, ID, CO
Leafy vegetables (non-Brassica)  
Lettuce (head and leaf)  CA, FL, TX/AR, NY/NJ, CO, WA
Celery  CA, FL, MI, WA
Spinach  CA, TX/OK, NJ, MD/VA, CO/AR
Brassica vegetables  
Broccoli  CA, TX/AZ, OR
Cabbage  NY, CA, FL, TX, WI, NJ
SC/NC/GA/TN
Mustard greens  CA, TX/AZ, MI/OH/IN, FL
LA/GA/TN
Legumes (succulent or dried)  
Snap beans  NJ/NY, TN/NC/VA, CA, MI, FL
Green peas  CA, DE, ID, MN, WI, OR/WA
Dry beans  CA, ID, MI, CO, NB, ND
Dry Peas  WA/OR, ID
Soybeans  MS/LA, TN, AK, IN/IL, IO/NB
MN, MO
Legumes (foliage)  
Beans  See "Legumes" above
Field peas  See "Legumes" above
Soybeans  See "Soybeans" above
Fruiting Vegetables  
Tomato  CA, FL, OH/PA, NJ, IN, MI SC/TN
Peppers  CA, FL, TX, NC, NJ
Cucurbits
Cantaloup
Summer squash
Cucumber

Citrus
Orange
Grapefruit
Lemon

Pome fruits
Apples
Pears

Stone fruits
Peach
Cherry

Plums

Small fruits and berries
Brushberries (Rubus)
Blueberries
Strawberry
Cranberry
Grape

CA, TX/AZ, IN, MI, GA/SC
CA, FL, TX, NJ/MA/NY,
OR, GA/SC, MI
CA, FL, TX, MI, NY/NJ,
NC/SC, OH
FL, CA, AZ/TX
FL, TX, CA
CA, AZ
CA, MI, NY, PA/WV, VA/NC, WA/
CA, MI, NY, WA
CA, GA/SC, MI, NJ/PA, WA
CA, OR/WA, MI, UT/MT/ID,
NY/PA
CA, ID, MI, OR/WA

WA, OR
MI, NJ, ME, NC, WA/OR
CA, FL, OR/WA, IN/MI, NY/CH
LA
WI, MA/NJ, OR/WA
CA, NY, WA, MI, NC
Tree nuts
Almond
English walnut
Pecans
Cereal grains
Wheat
Sorghum
Rice
Corn (sweet)
Corn (field)

Forage, fodder and straw of cereal grains
Corn
Wheat
1 other cereal grain crop
Grass (including fodder and hay)
Bermuda
Blue
Brome
Fescue
Non-grass animal feeds (forage, fodder, straw and hay)

<table>
<thead>
<tr>
<th>Plant</th>
<th>Location</th>
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<tbody>
<tr>
<td>Alfalfa</td>
<td>All areas across the country</td>
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<tr>
<td>Clover</td>
<td></td>
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<tr>
<td>Herbs and spices</td>
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<tr>
<td>Basil</td>
<td>CA</td>
</tr>
<tr>
<td>Chives</td>
<td>CA</td>
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<tr>
<td>Marjoram</td>
<td>CA</td>
</tr>
<tr>
<td>Sage</td>
<td>CA</td>
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<tr>
<td>Dill</td>
<td>SOR, WSR</td>
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</tbody>
</table>

The crops and states given above represent what RCB would consider representative residue data for establishment of a group tolerance for residues of a pesticide. In cases where states appear with a slash between them either state could be used as a site for the residue trial. If a comma appears between states, even if they are in the same region, data for both states is recommended due mainly to the importance, i.e. potatoes vs radishes, of the food crop. Residue data for a state/area should consist of several fields with a representative number of samples taken from each field and composited. Of course if a state such as PA is recommended for residue experiments substitution of an adjacent state such as NY would be considered acceptable as long as the total number of trials remains the same.