

CROPS COMMITTEE RECOMMENDATION: 1,4 DIMETHYLNAPHTHALENE

Key points

- 1,4 DMN occurs in a natural form in plants.
- Petition is for a synthesized product to be used as a plant growth regulator.
- The product delays sprouting of potato tubers while in storage.
- The manufacturing process is treated as confidential information by the petitioner.
- Two TAP reviewers cited potential environmental concerns.
- Two TAP reviewers recommended not to allow this substance, while one reviewer recommended adding 1,4 DMN to the National List.
- One reviewer with over 30 years experience with organic potato production cited several alternatives including temperature control and a commercial sprout inhibitor which contained clove (Biox).
- Other possible alternatives discussed included mint and carvone.

COMMITTEE RECOMMENDATIONS

Crops Committee voted 4–0 that the petitioner’s 1,4 DMN product was synthetic, and should not be added to the National List.