

5.27 PHOSPHONIC ACID (301)

RESIDUE AND ANALYTICAL ASPECTS

Phosphonic acid, fosetyl and fosetyl-aluminium (fosetyl-Al) are closely related systemic fungicides. Authorisations exist for phosphonic acid (formulated as potassium, sodium and ammonium salts) in a number of countries for use as trunk injections, pre-plant dips, foliar, soil and post-harvest treatments.

Authorisations also exist for fosetyl and fosetyl-Al in many countries for use as pre-plant dips, foliar, drench or drip-irrigation treatments.

Phosphonic acid, as the major metabolite of fosetyl-Al and fosetyl, is toxicologically similar to fosetyl-Al and is covered by the ADI for fosetyl-Al.

The Meeting agreed to evaluate the fosetyl, fosetyl-Al and phosphonic acid together and to prepare a single Appraisal for fosetyl and its salts as well as phosphonic acid and its salts.

A review of the information and studies relating to phosphonic acid, the proposed residue definitions, maximum residue levels, STMRs and dietary risk assessment are reported in the fosetyl-aluminium Appraisal

