## **Pre-mixing** stops fall-out

Incompatability of pesticides in a spray tank is a messy thing. Incompatibility can be manifested as 1) a semi-solid or jelly substance. 2) precipitates as a gummy sediment, or 3) incomplete dispersal of the pesticides.

Pre-mixing the pesticide proposed mixture in jars in appropriate use proportion is one method to determine if incompatability might occur.

In addition to pre-mixing in jars, incompatability can be minimized if the following procedure is used when mixing pesticides:

1) It is best to pre-mix the pesticides in small containers.

2) Male a slurry of wettable powders.

3) Pour the slurry into a nearly filled spray tank while agitating. If a pesticide is a water dispersible liquid (WDL), add WDL directly to the water in the spray tank.

4) Next add the liquid formulations while still agitating.

5) Lastly add any surfactant. This minimizes foaming.

6) Maintain moderate agitating to provide uniform mix during application.

7) Do not allow the agitation to stop (as for lunch) especially if wettable powders are used as these settle out of suspension and cannot be easily re-suspended.

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