

## DEFINITIONS

The **I**ntegrated **O**live **P**roduction/**B**est **M**anagement **P**ractice manual addresses key *on-grove* practices that foster sustainability. Sustainable practices must be viewed from three directions:

### 1. ENVIRONMENTAL

Environmentally sustainable practices can be continued indefinitely without further degradation of the soil, the water or the atmosphere - actually, this is a minimum requirement as degradations have already occurred and we should move towards remedying these

### 2. ECONOMIC

*Economically sustainable practices enable New Zealand olive businesses to thrive at grower and also at regional and national levels*

### 3. SOCIAL

Socially sustainable practices make olive groves comfortable and safe places to visit, to work in and to live in or beside

**Balance:** Before any new, more-sustainable practice will be adopted by the industry it must fit with all three of these criteria. One should not, for example, expect significant uptake of some new practice that improves *environmental* sustainability, if it seriously undermines a business's *economic* sustainability (reduced profit) or its *social* sustainability (reduced comfort or safety).

## SCOPE

Matters identified as of particular importance for our industry are the preliminaries such as site and cultivar selection and then grove design, planning and planting. Next, there are numerous management issues including:

- Dealing with *interference* from birds, pests and diseases
- Optimising the grove's *aerial* (frost, wind, humidity, light, temperature) and *soil* (mineral nutrition, irrigation, soil health) environments; and lastly
- Managing the *grove floor* (under storey) and the *trees* themselves (canopy, fruit set, harvest)

## ELECTRONIC

The IOP/BMP Manual presents its information in a printer-friendly, electronic format. Compared with traditional loose-leaf, paper manuals, the electronic format offers:

- Better presentation (colour images)
- A more intuitive structure (non linear, summaries, interlinked)
- Better resourcing (links to external sites) and
- Easier/faster correction, update and extension

## **AUTHORSHIP**

Authorship of the material content is mostly shared, with a view to achieving an optimal balance between technical accuracy/authority on the one hand and reasonable uniformity of structure and style on the other. Authorship is also recorded with the intention of giving due credit to the many contributors and also the opportunity for contact to allow private discussion.