Internal breakdown on Mango

Recognize the problem
This disorder is called "internal breakdown" because the signs are not visible from the outside. It appears as soft nose, jelly seed and spongy tissue. Other disorders that come as a result of the internal breakdown are softening of the flesh, change of colour and brown tissues. If internal breakdown is severe, the flesh rots and gives off an unpleasant odour. This reduces the fruit quality.

Background
Internal breakdown is considered as collapse of the flesh. The tissues soften and turn spongy. This problem starts from the stone and spreads toward the peel. Sometimes the whole flesh gets too soft, resembling bacteria rot. Internal breakdown may be caused by excess nitrogen, for instance on farms where livestock has been kept.

Management
Non-chemical control
- Ensure a balanced Calcium nutrition.
- Mango orchards should not be established where livestock has been previously kept.
- Plant varieties that are less susceptible to the internal breakdown.

The recommendations in this factsheet are relevant to: many countries where this pest or problem is present.