

Korea International Course on Genebank Management 7-18 September 2009

Working group session of lecture 1 - Problem scenario for chickpea

You have started conserving a new crop in your small genebank, chickpea. You do not have much experience on this crop and have just received several samples of unprocessed cultivated and wild chickpea that need to be processed into the genebank, as follows:

Sample 1 = 3kg (useful for further evaluation)

Sample 2 = 500g (unknown germplasm)

Sample 3 = 100g (landrace)

Sample 4 = 50 seeds (wild relative)

You have limited skilled people in your genebank and do not know much about the status of the seeds and their previous conditions. List briefly the next key steps you would recommend applying for each sample so that they are securely processed (cleaned, dried and tested) and stored in the genebank (i.e. in the active collection, base collection or safety duplication or all three).

Guidelines:

- Describe briefly the key aspects you should look at without much detail.
- Distinguish methodologies and procedures for cultivated and wild types (when applicable).
- Briefly justify each decision taken.