Preparation of neem solution

Recognize the problem
Neem solution is a botanical pesticide that can be used for the control of insects, including many caterpillars.

Background
- Neem pesticide is environmental friendly because it has no residual effects. Moreover, it can be easy to prepare and the cost is very low for the farmer.
- Neem is less toxic to living organisms and their environment than chemical pesticides
- Spraying should be undertaken in the cooler hours of the morning or late in the evening
- During periods of hot weather, the frequency of spraying should be increased. In winter, spray once every 10 days and in the rainy season spraying every day is recommended.
- Insects lay eggs on the underside of the leaves so it is important to spray under the leaves also
- The kernel extract also controls sucking insects like aphids, whiteflies and stem borers but farmers need to spray several times weekly

Management
- 50g of neem kernel is required per 1 litre of water
- Remove the outer coat of the kernel before pounding
- Gently pound the neem kernel in such a way that no oil comes out
- Gather the pounded neem kernel powder and soak it overnight in water
- Add 30ml of the neem solution to 1 litre of water and stir well
- The solution should be used within 8 hours

The recommendations in this factsheet are relevant to: Myanmar [Burma]