

Leaflets available at bioRe®:

1. Beejamrat (seed treatment)
2. CPP + cow urine (seed treatment)
3. Neem seed extract
4. GOC
5. Top Ten
6. Neem oil and Hing
7. Cow urine
8. Buttermilk
9. Early stage protection of cotton
10. Jeevamrat
11. How to spray

The leaflets are available in English and Hindi

उपरोक्त पत्रक हिन्दी और इंग्लिश में उपलब्ध है

The informations contained in these leaflets are based on the knowledge and experience of bioRe® staff and its associated farmers. Some of the recipes were adopted from farmer(s organisations) of other states or are based on bio-dynamic recipes (i.e. CPP) transferred by Peter Procter.



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Recommendation
FiBL Leaflet PTD



**Preparation and Application of
self-made organic pest control products**



**EARLY STAGE
PROTECTION
OF COTTON**

The following treatment options can be applied solely or in combination and/or in combination with a seed treatment to protect the cotton seedlings during the early stage.

MUNG BEAN INTERCROP



INGREDIENTS



Mung bean seed
250-350 g for 1 acre

APPLICATION

Place the mung bean seeds in the same seed holes as the cotton seeds. Either uproot the mung bean seedlings very gently or cut them with the scissors on ground level 20 days after sowing.

MODE OF ACTION

The mung bean germinates faster and cracks the soil cover for the cotton. It is also an alternative fodder source for the biting insects to distract them from the cotton seedlings.

Use:	for increased germination and less biting damage on cotton seedlings
Dose:	use 1-3 mung bean seeds per seed hole
Shelf Life:	store mung bean seeds for not more than 2 years
Limitations:	Remove the mung beans timely to prevent competition with the cotton for light and nutrients
Active Ingredients:	Mung bean seedling

NEEM SEED RINGS



INGREDIENTS



Neem seed powder
ca. 40 kg for 1 acre

APPLICATION

Place the neem seed powder like a ring around each seed hole. Apply it just before sowing or a few days after sowing.

MODE OF ACTION

Neem interferes with the hormonal system of the insects when they smell it or ingest it. Insects „forget“ to eat. Therefore the ring is like a protective barrier for the cotton seedling. The neem powder is also a soil amendment.

Use:	to repel crawling insects
Dose:	use ca. 10 g (= 2 teaspoons) per ring
Shelf life:	store neem powder not more than 2 months after grinding
Limitations:	no limitations known
Active Ingredients:	Azadirachtin and others