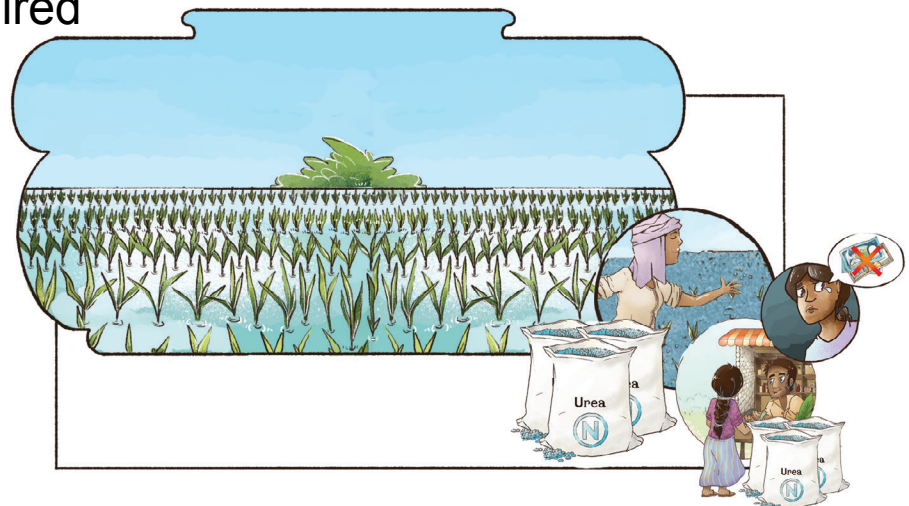
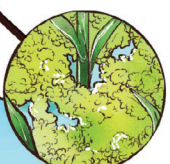
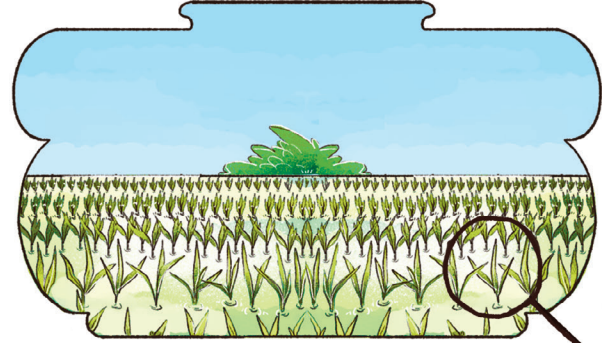


Lesson: In a rice paddy, water algae called Azolla can reduce the amount of nitrogen fertilizer required

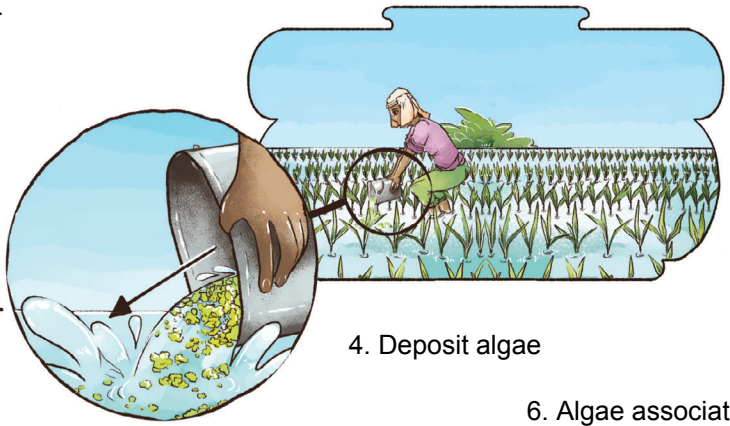
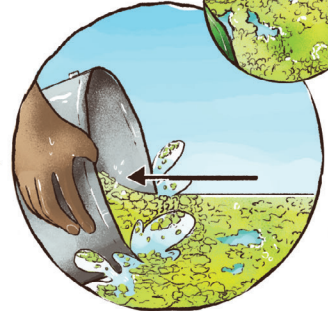
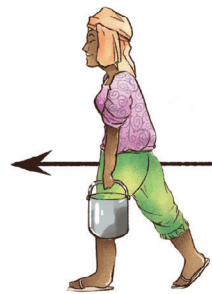


1. Traditional practice: no water algae, and hence many bags of artificial nitrogen fertilizer must be applied

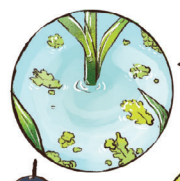
2. Improved practice: go with buckets to rice paddy with green algae



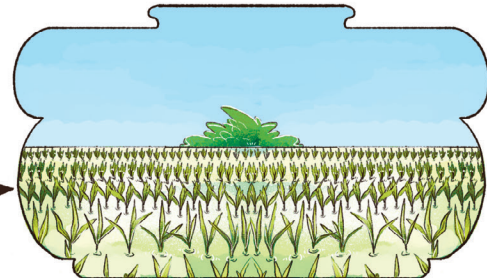
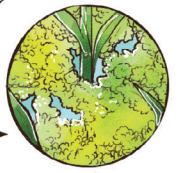
3. Collect algae



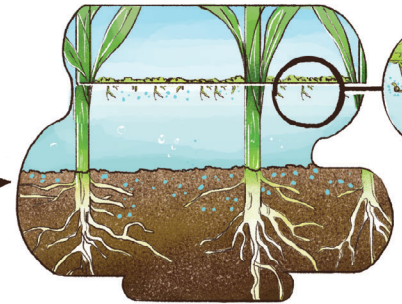
4. Deposit algae



5. Algae will grow



6. Algae associates with microbes to produce natural nitrogen fertilizer



7. Good yield with fewer bags of artificial nitrogen fertilizer needed

