

Introduction to Shivansh Fertilizer

Most of the people in our country are farmers and they are unable to make a living and take care of their families. We have found a way to help them make a living by teaching them to make their own fertilizer for free in 18 days.

Benefits



Less water required for irrigation

- Soil holds water better with Shivansh Fertilizer



Less fertilizer/pesticides

- Shivansh Fertilizer provides nutrients and strength to fight diseases



Less weeds/labour

- Weed growth is suppressed with Shivansh Fertilizer



High Income

- 15-40% higher yields
- Less expenses on chemicals, water and labour

One acre of land requires eight average piles of fertilizer (20 piles for one hectare). After the first full application, you can reduce your urea usage by 50%, and reduce MOP and DAP by 100%. The second application can be 100% Shivansh Fertilizer. If your soil is severely damaged and degraded, then use twice as much.

This process transforms free farm waste into a rich fertilizer that provides all the nutrients a plant needs.

Farmers can reduce their soil's dependency on expensive chemicals, use less water, and free themselves from poverty and debt. Thousands of farms across India are using Shivansh Fertilizer to improve their soil and increase their incomes. You can too.

Tools Needed



Cutter - To Chop Ingredients



Water



Mattock - To Turn the Pile



Plastic Sheet -
To protect Shivansh Fertilizer from
Sun and Rain

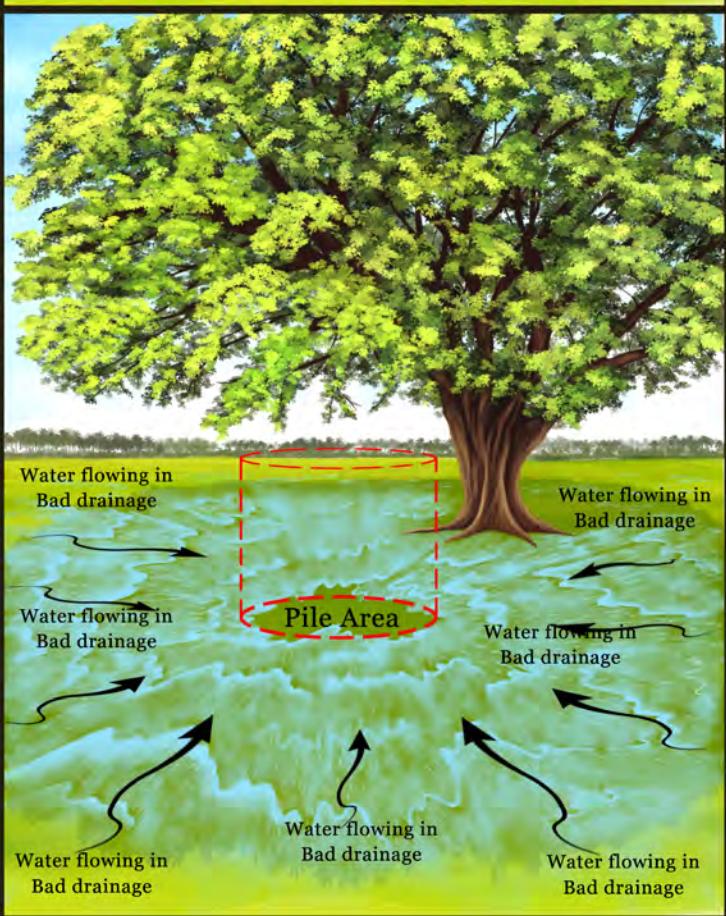
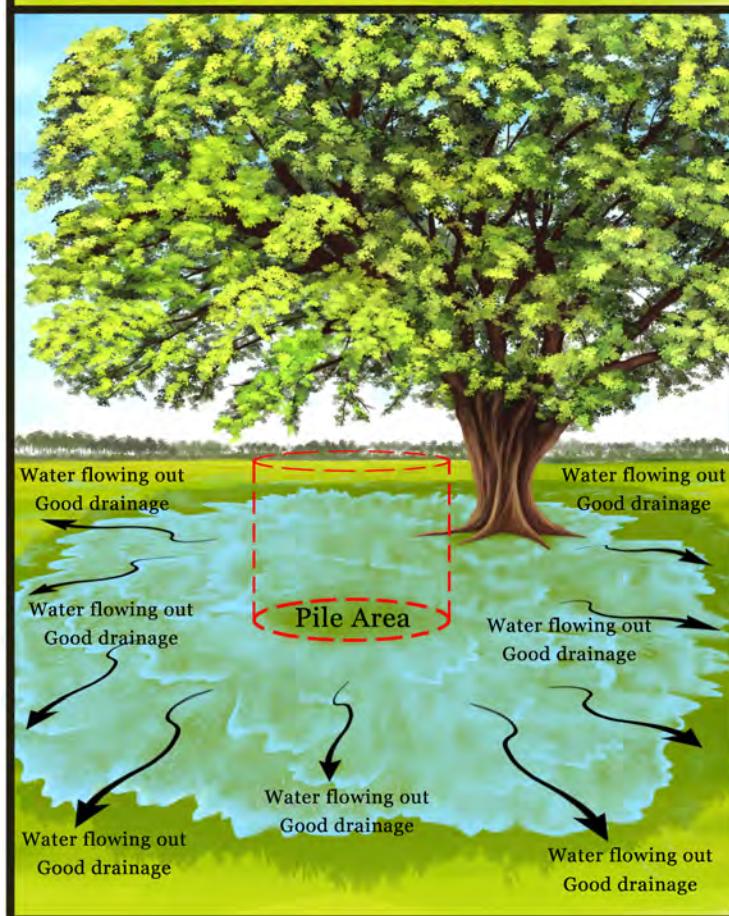
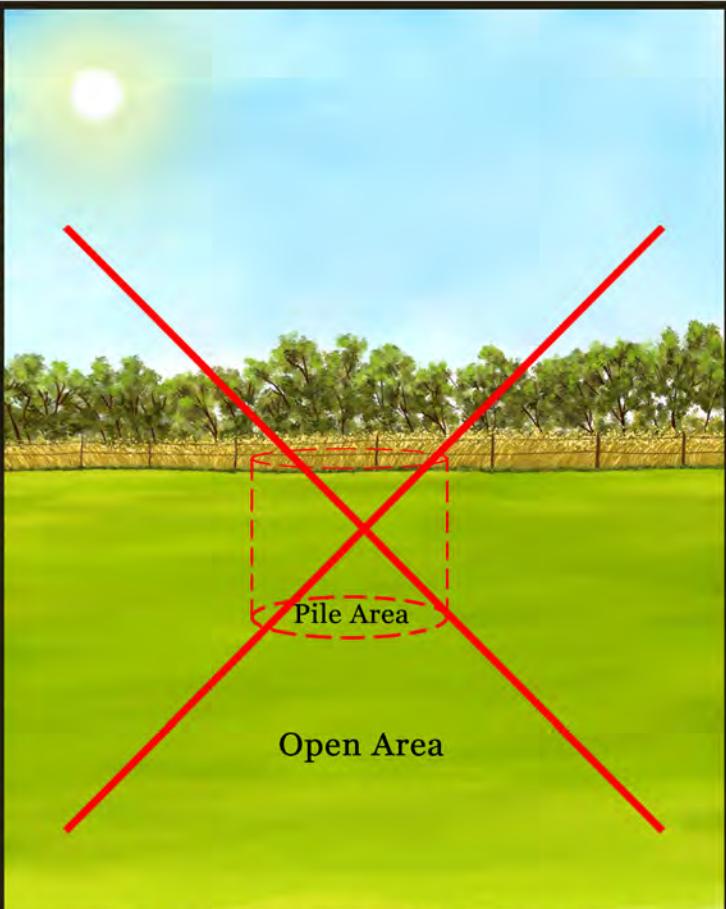
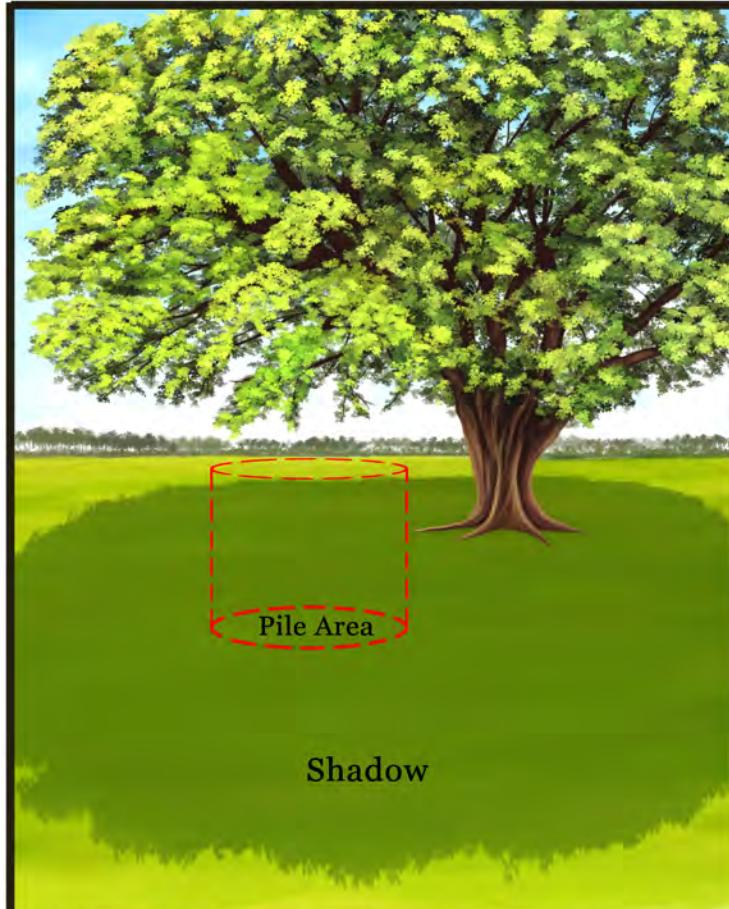


10 Liter

Metal Pan (Tasla) -
To Measure Ingredients

Select Location

Dry and Shaded Area
Well Drained, High Ground



Collect Brown Materials

The more diverse the materials, the better
Don't use 100% leaves

Any Dried Plant Waste



Dried Rice Stalk



Dried Grass or Weeds



Dried Wheat Stalk



Dried Leaves



Animal Bedding



Collect Green Materials

The more diverse the materials, the better

Any Green Plant Material



Green Grasses



Green Tree Trimmings



Green Weeds



Water-grown Plants



No Neem or Eucalyptus



Collect Manure

The more diverse the sources, the better



Dung

Fresh (No more than 1-2 weeks old)

Do not use human excrement



Chop Materials

Chopping Material Produces Better Quality Fertilizer



Chaff Cutter



Hand Cutter



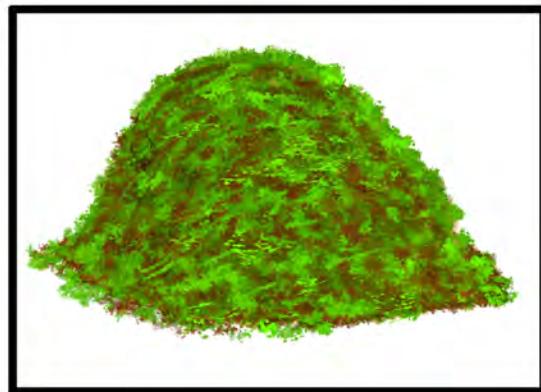
Brown Material
(Unchopped)



Brown Material
(Chopped)



Green Material
(Unchopped)



Green Material
(Chopped)



Chopped Size

Measurement - Pan

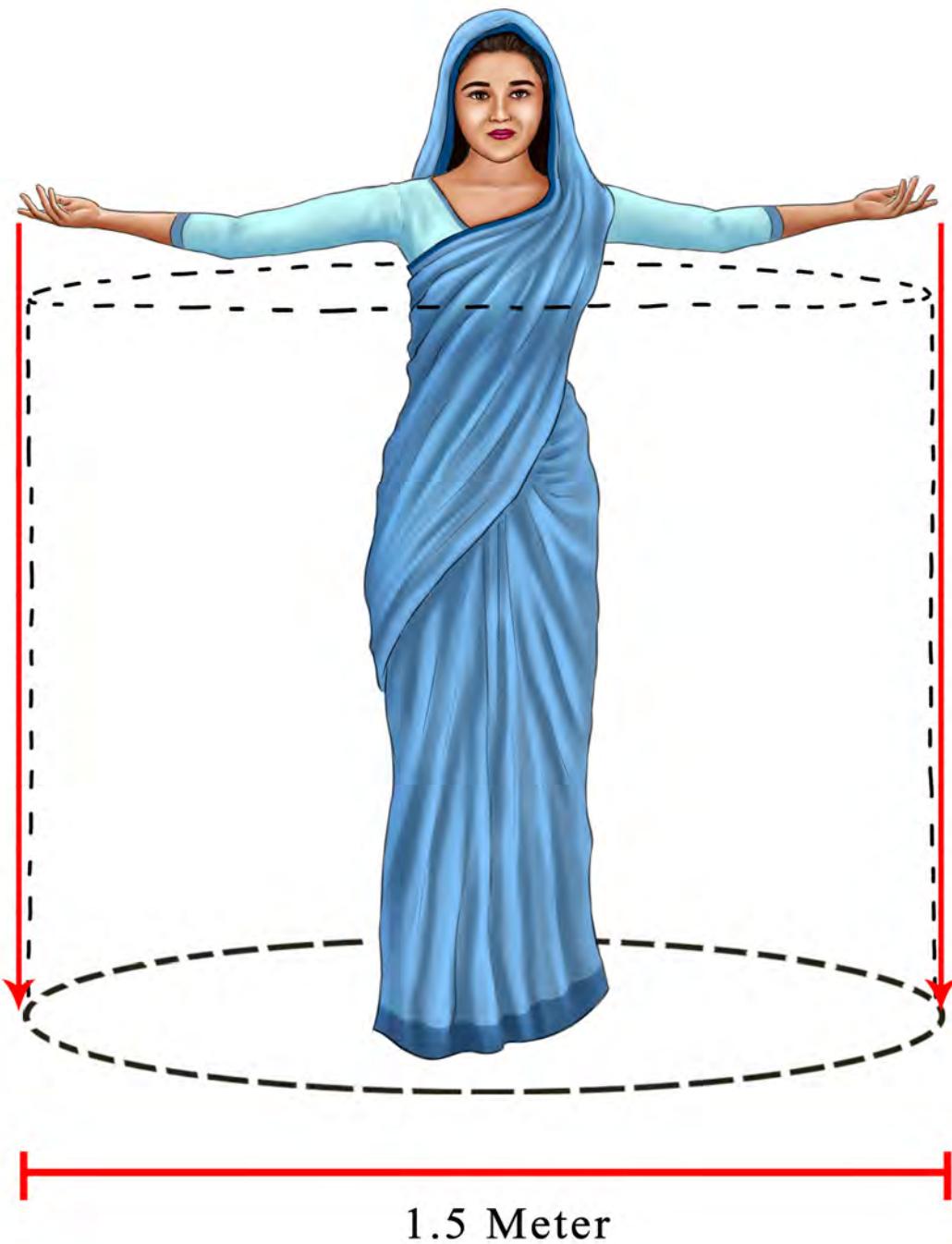


Fill to top



Do not overfill

Pile Size



DAY 1

First Layer





DAY 1

First Layer

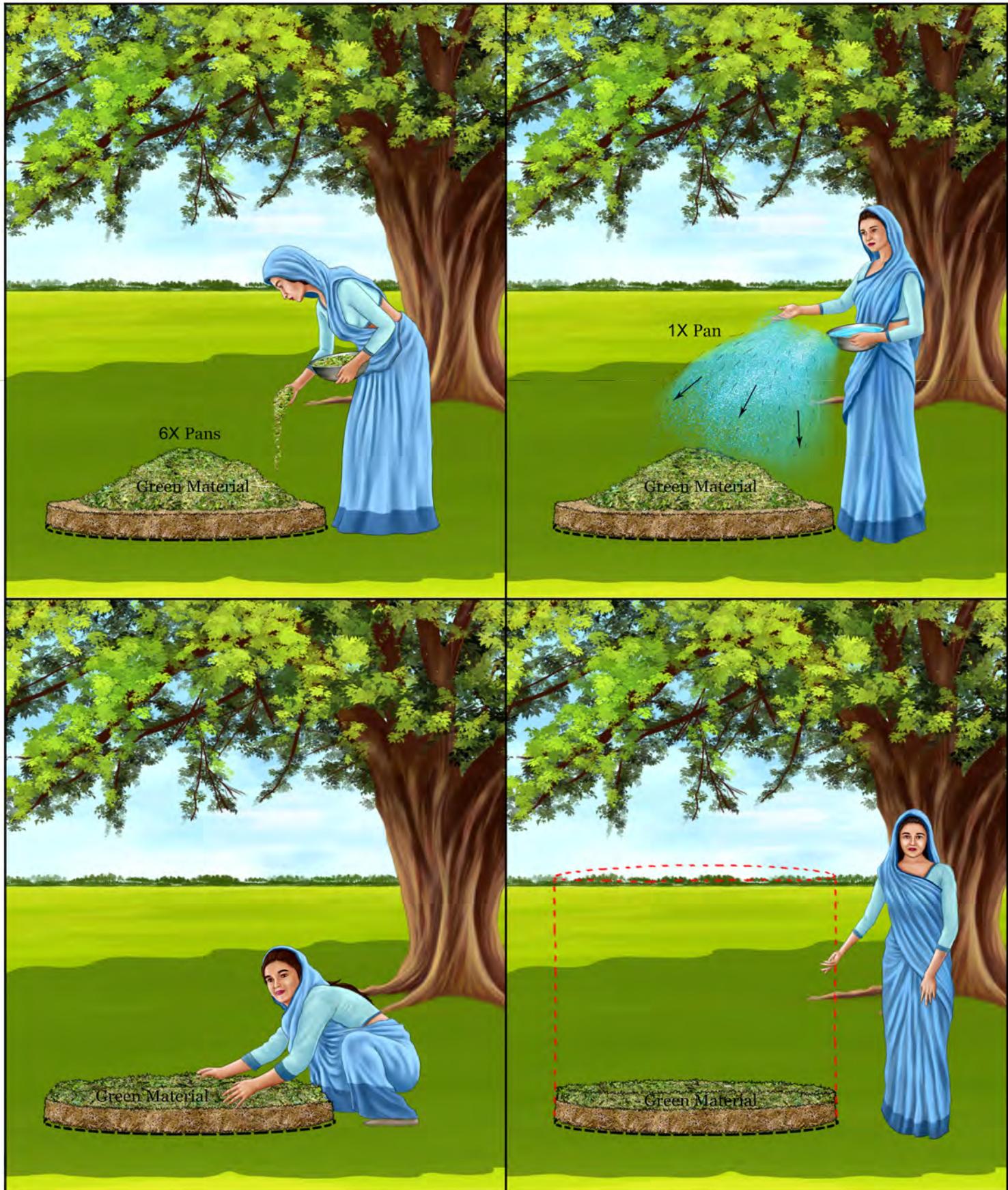
Brown Material



Brown Material

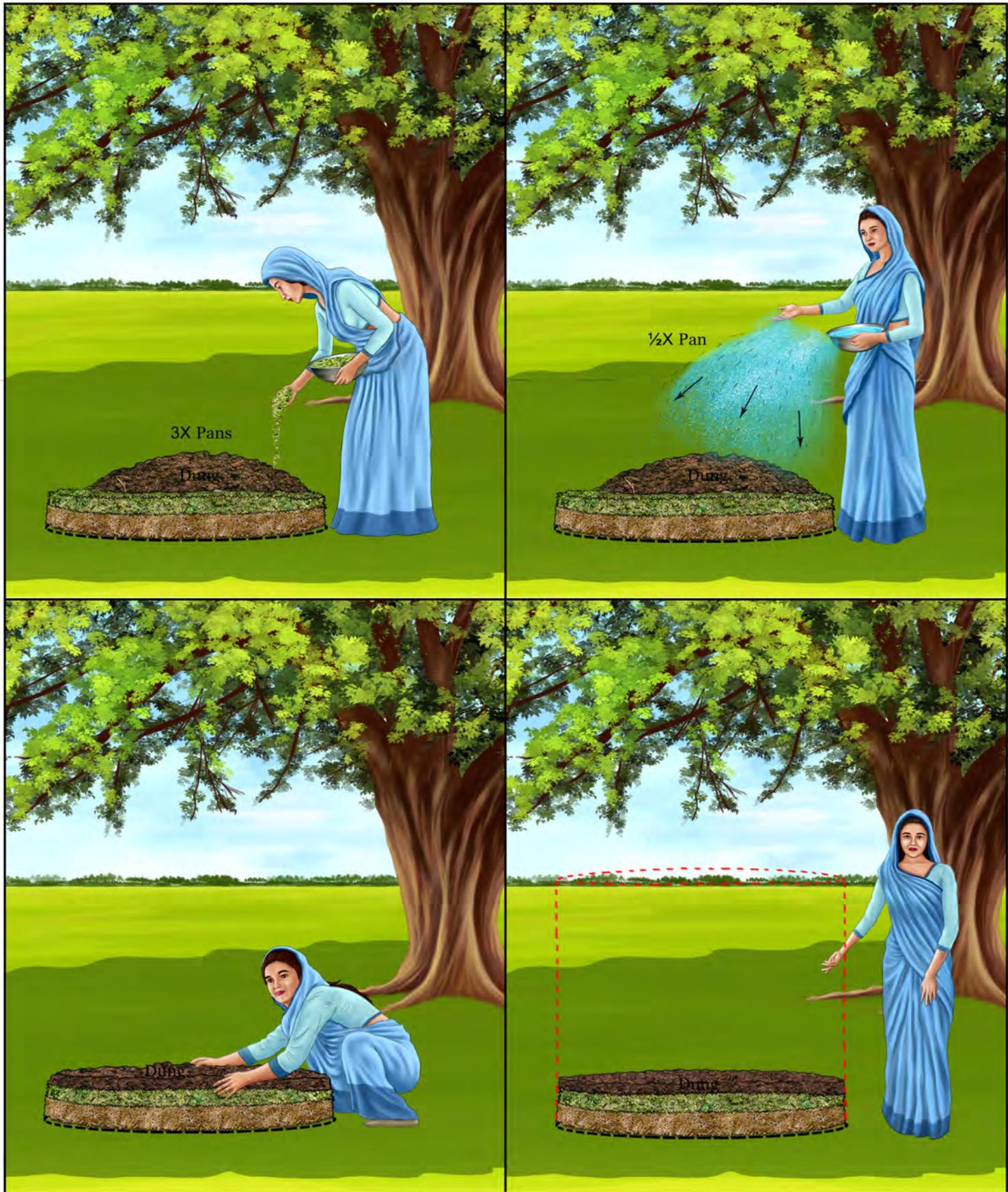
DAY 1

Second Layer



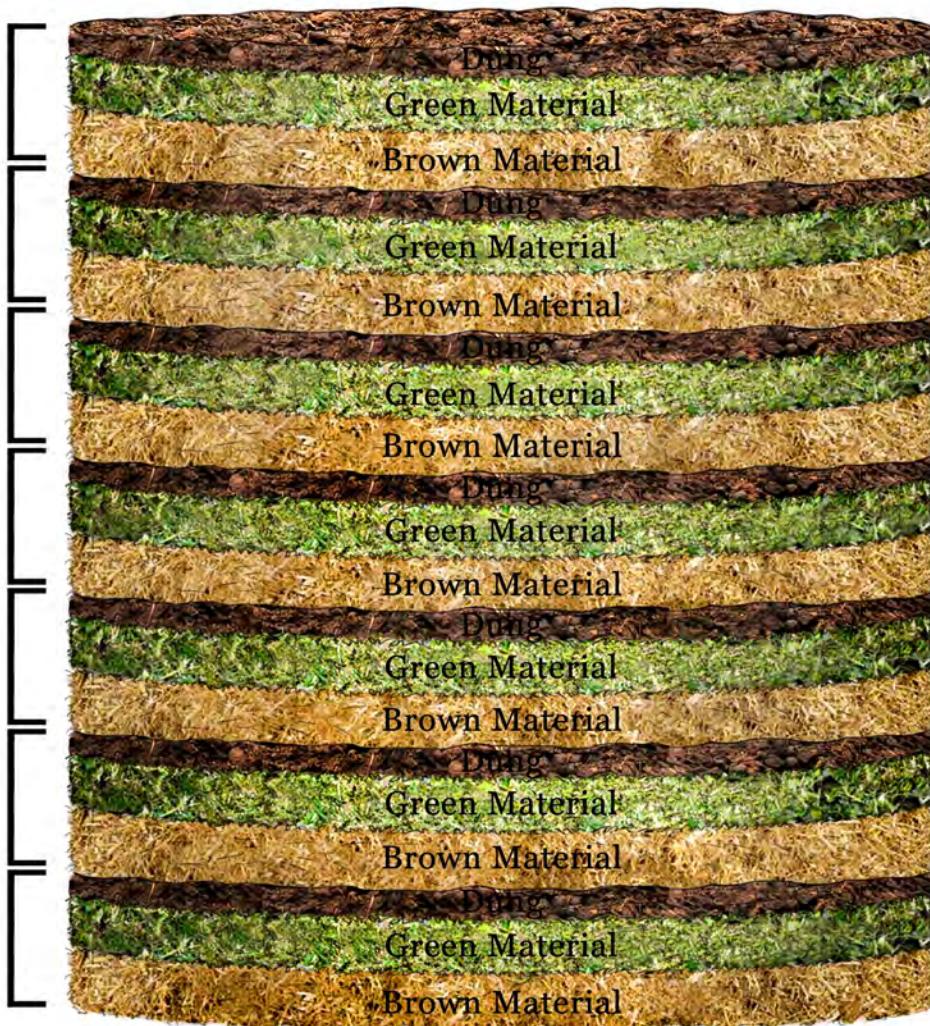
DAY 1

Third Layer



DAY 1

Repeat 6 - 8 Times



Brown Material +
(9 Pans)



Water (1½ pans)



Green Material +
(6 Pans)



Water (1 pan)

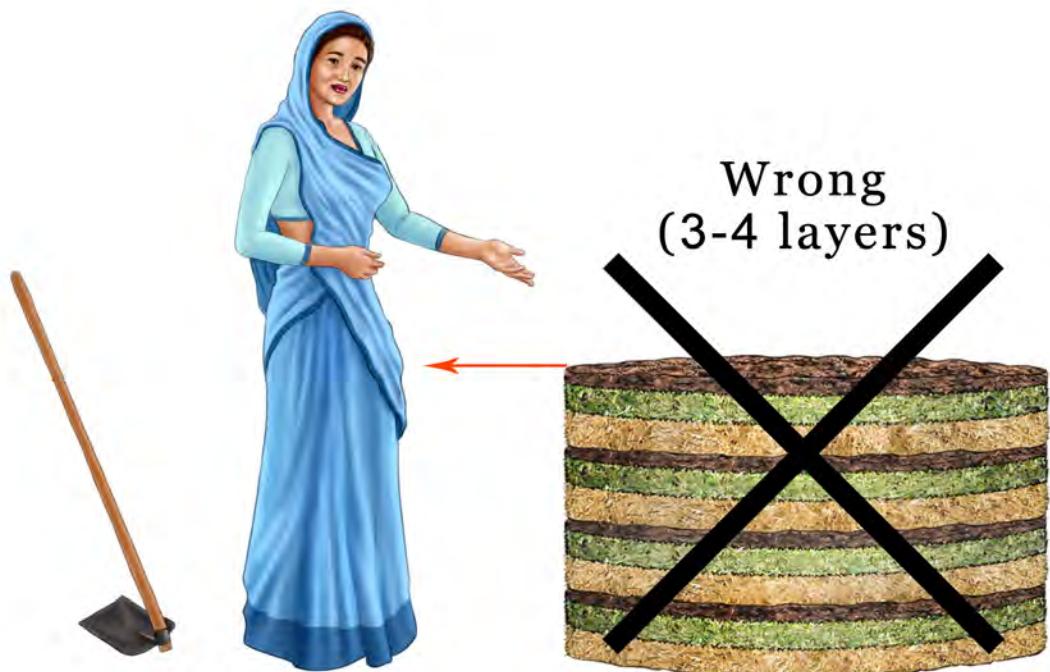
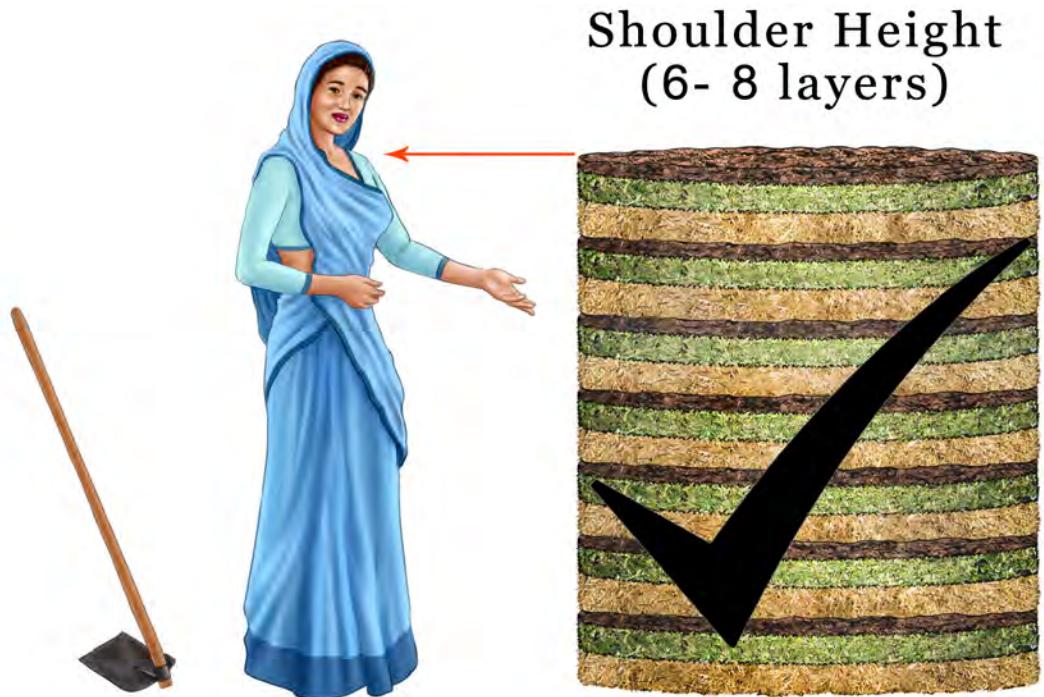


Dung
(3 Pans) +

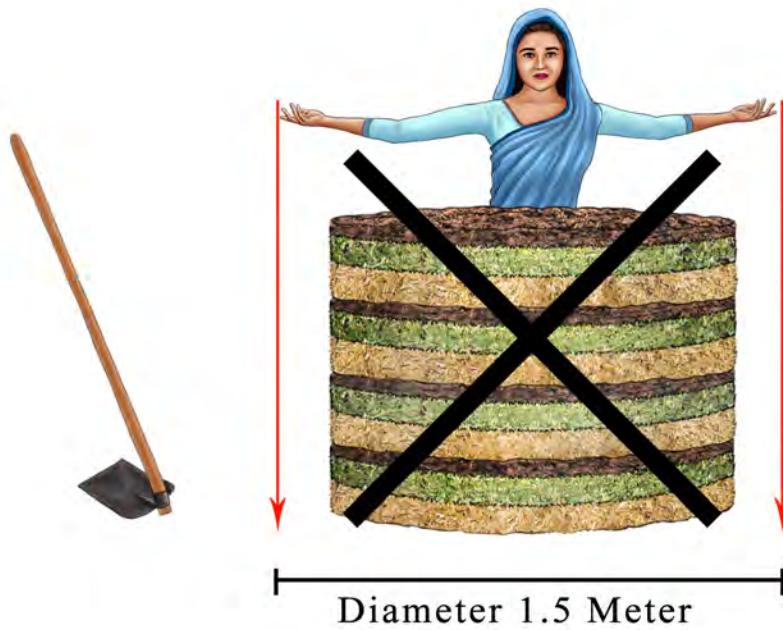
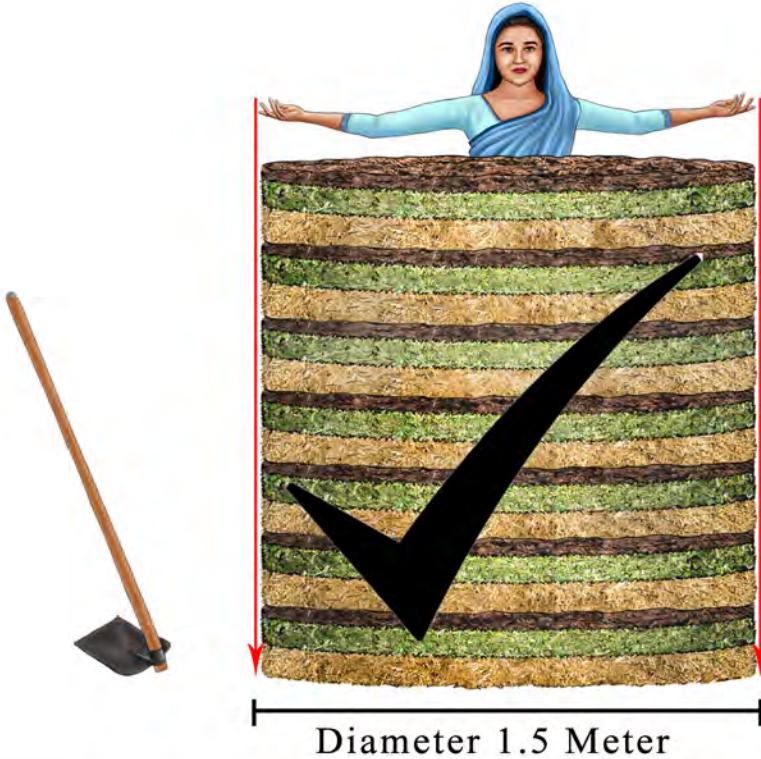


Water (½ pans)

Pile Size (Height)



Pile Size (Diameter)



DAY 1

Cap



Cover



DAY 4

1

Temperature Test



HOT

Good



LITTLE WARM

Not Good

2

Squeeze Test



Always Squeeze test at various levels



TOO DRY

No drops



GOOD

Few Drops



TOO WET

Dripping

DAY 4

Turn The Pile

Outside layers in, inside layers out

3



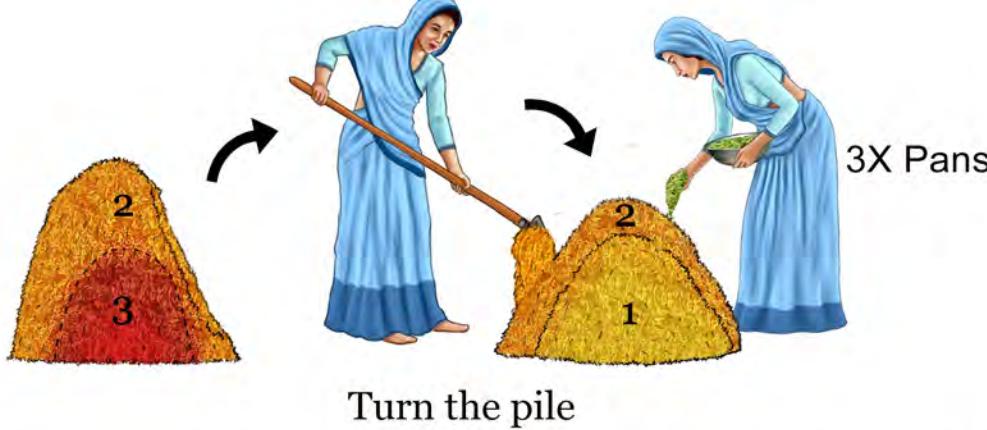
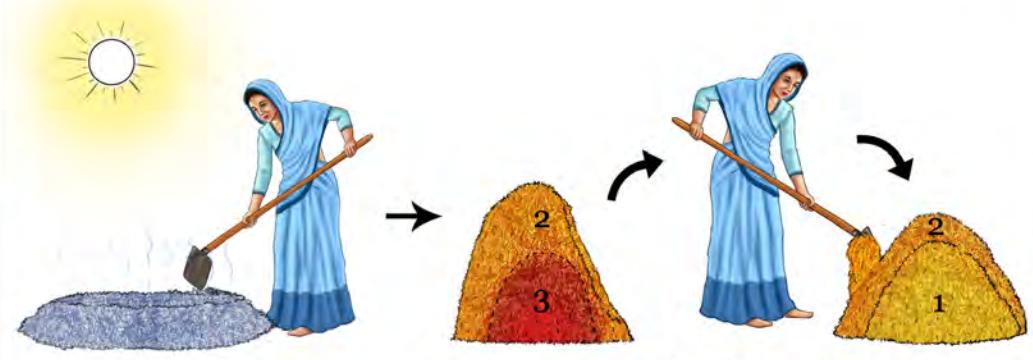
4

Cover



DAY 4

Common Problems and Solutions

Problem	Solution
 LITTLE WARM	 3X Pans Turn the pile
 TOO DRY	 3X Pans Turn the pile
 TOO WET	 Dry the pile Create the pile back

TURN EVERY OTHER DAY

SEVEN TURNS

1 Temperature Test



2 Squeeze Test



3 Turn the Pile



4 Cover the Pile Back



18 Day Process

0	1	2	3	4	5	6
Build				Turn		Turn
7	8	9	10	11	12	13
	Turn		Turn		Turn	
14	15	16	17	18		
Turn		Turn		Ready		

Checklist

Shivansh Fertilizer

DAY 0

- Collect Tools
- Collect Material
- Select a Shaded, Flat Location
- Make the Pile
- Cover the Pile



DAY 16

- Check Temperature
- Check Moisture
- Turn the Pile
- Cover the Pile



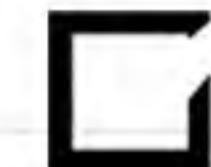
DAY 4

- Check Temperature
- Check Moisture
- Turn the Pile
- Cover the Pile



DAY 18

- Ready for Use



DAY 6

- Check Temperature
- Check Moisture
- Turn the Pile
- Cover the Pile



Do not skip temperature test, squeeze test, turns or covering.

DAY 8

- Check Temperature
- Check Moisture
- Turn the Pile
- Cover the Pile



All steps are important.

Mandatory to continue the process until the 18th day.

DAY 10

- Check Temperature
- Check Moisture
- Turn the Pile
- Cover the Pile



DAY 12

- Check Temperature
- Check Moisture
- Turn the Pile
- Cover the Pile



DAY 14

- Check Temperature
- Check Moisture
- Turn the Pile
- Cover the Pile



How to use Shivansh Fertilizer?

Tillage Application

Mix into soil (3 days before planting)



Basal Dressing

Apply with planting



Top Dressing

Apply on surface



Storing Shivansh Fertilizer

Dry, shaded, cool location

Store for maximum 3 months

