The hans
FOUNDATION

Shivansh Fertilizer

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. 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.
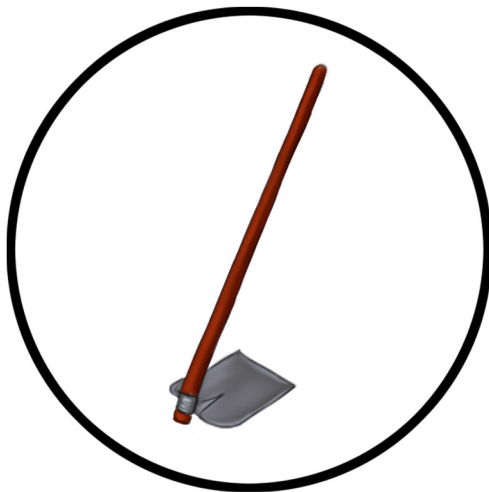
Tools Needed
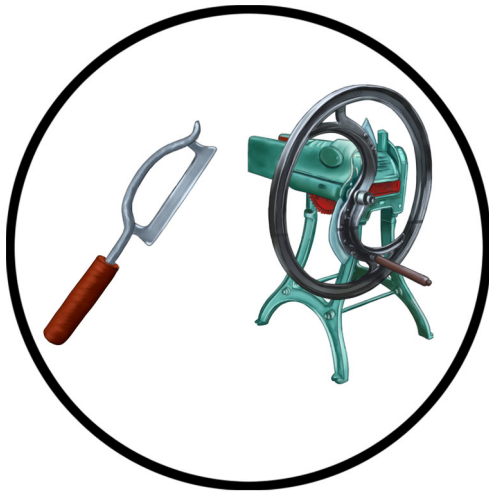
Cutter - To Chop Ingredients

Water

Mattock - To Turn the Pile

3m x 3m

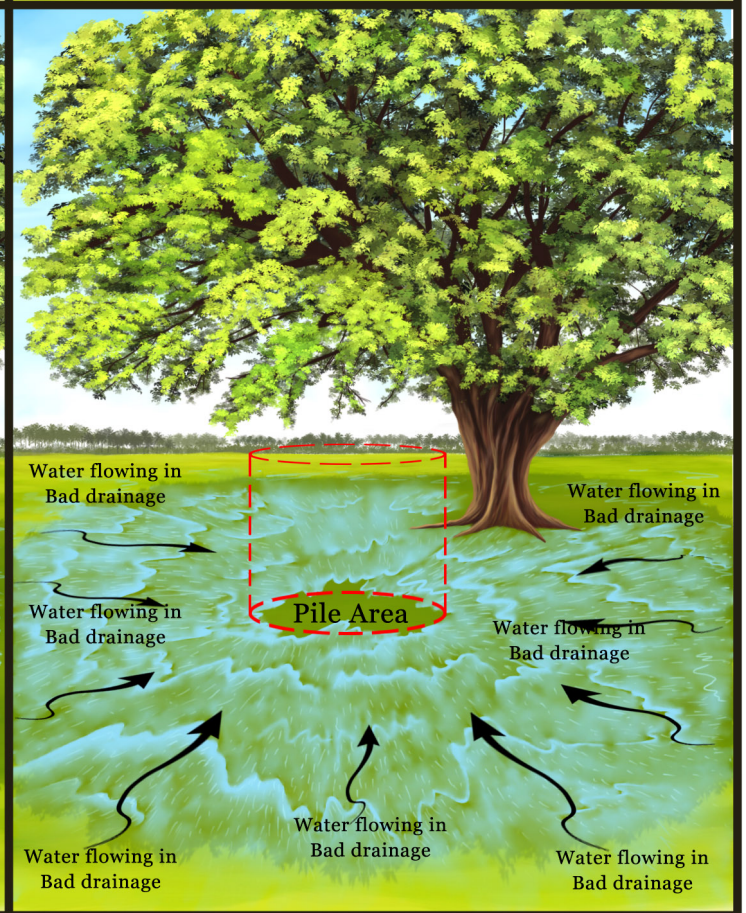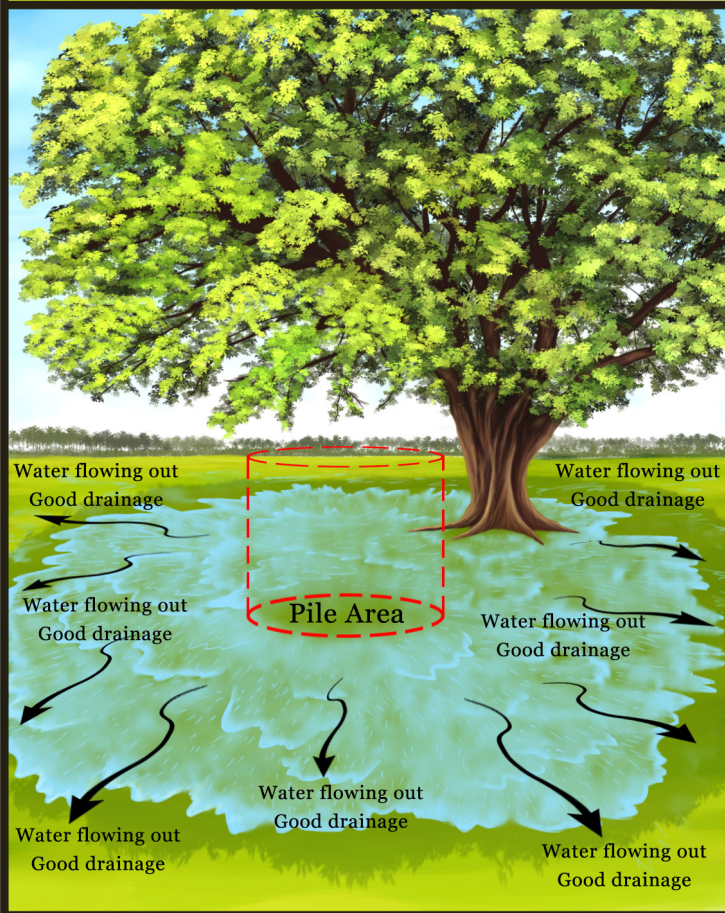Plastic Sheet -
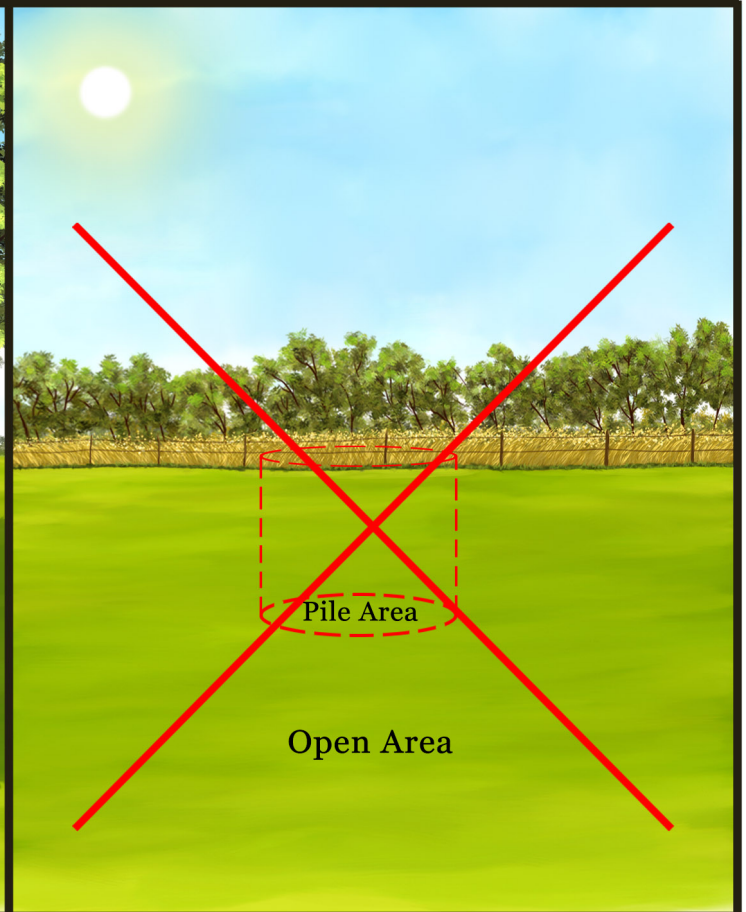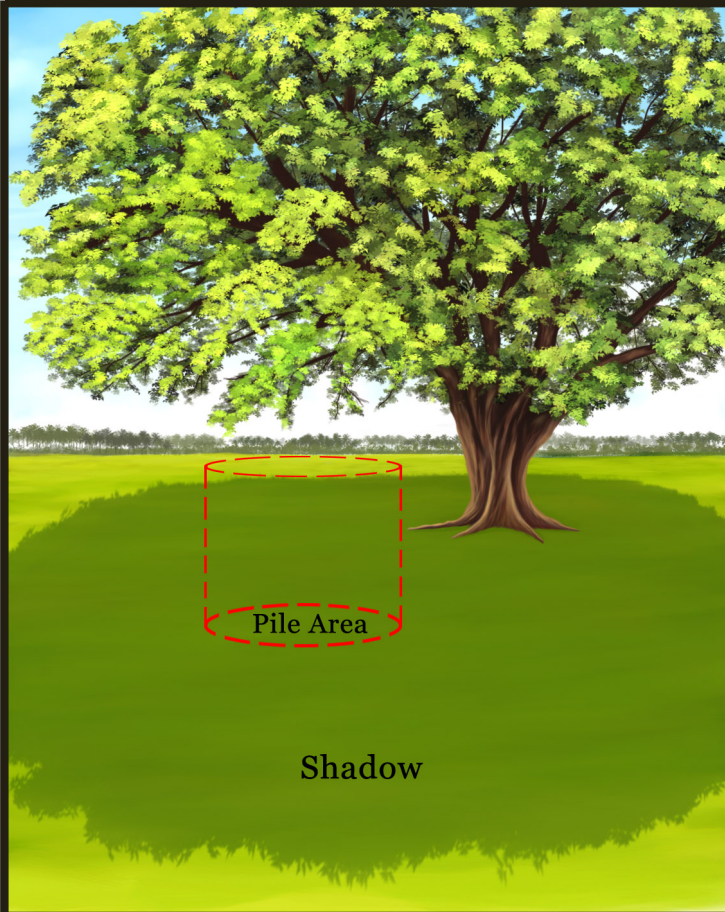To protect Shivansh Fertilizer from
Sun and Rain

10 Liter

Metal Pan (Tasla) -
To Measure Ingredients

Select Location
Dry and Shaded Area
Well Drained, High Ground

Pile Area

Shadow

Pile Area

Open Area

Water flowing out
Good drainage

Water flowing out
Good drainage

Water flowing out
Good drainage

Water flowing out
Good drainage

Pile Area

Water flowing out
Good drainage

Water flowing out
Good drainage

Water flowing in
Bad drainage

Water flowing in
Bad drainage

Water flowing in
Bad drainage

Water flowing in
Bad drainage

Pile Area

Water flowing in
Bad drainage

Water flowing in
Bad drainage

Water flowing in
Bad drainage

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
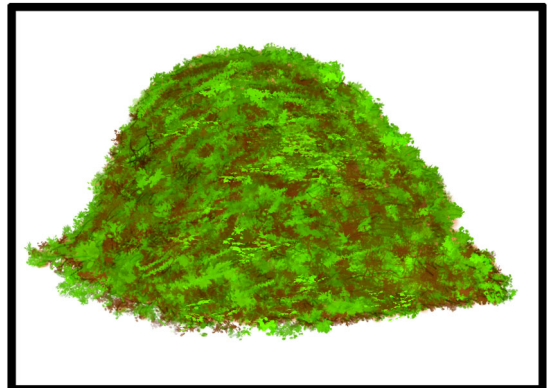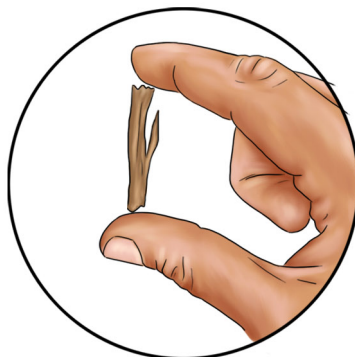
Chaff Cutter

Hand Cutter

Brown Material
(Unchopped)

Brown Material
(Chopped)

Green Material
(Unchopped)

Green Material
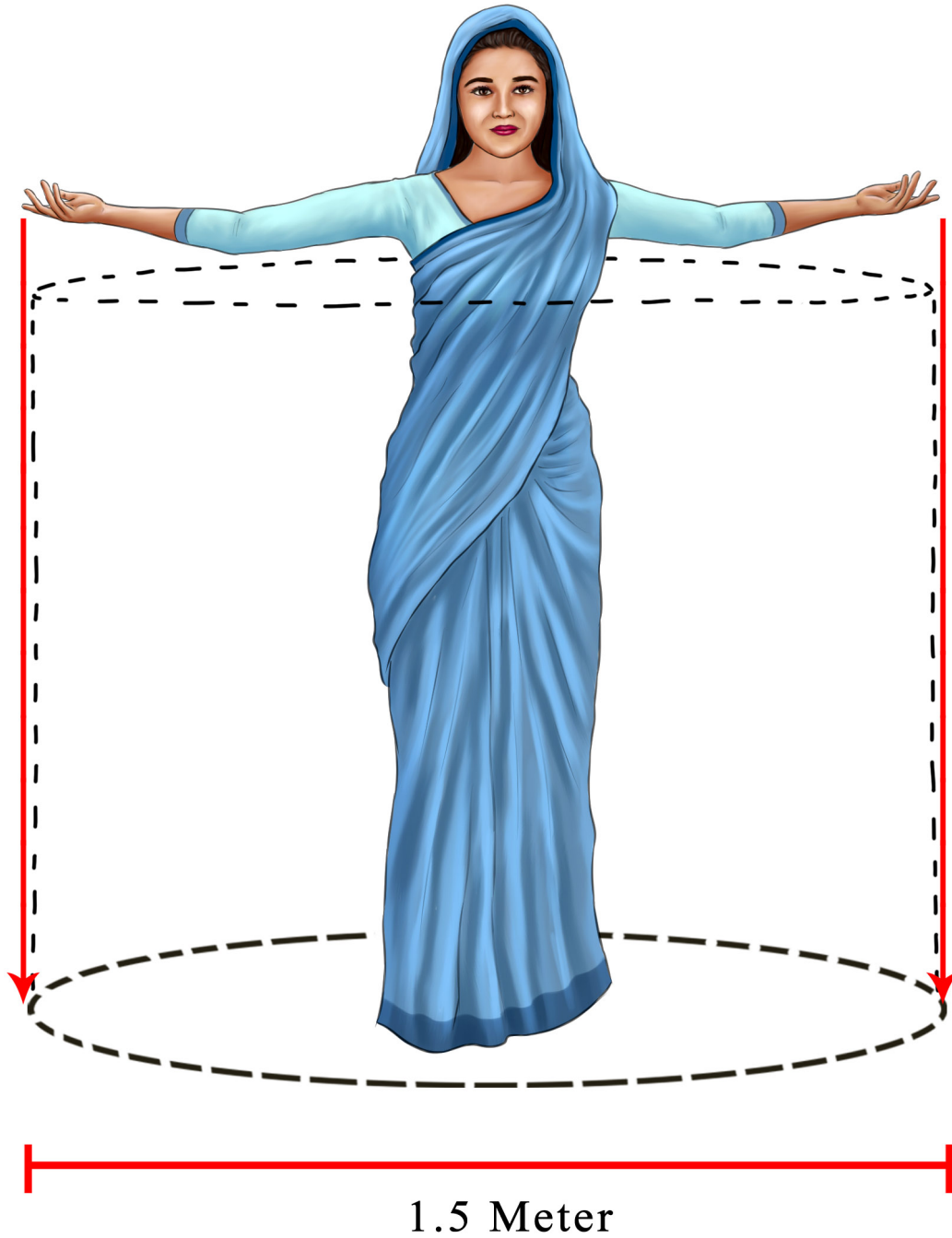(Chopped)

Chopped Size

Measurement - Pan

Fill to top
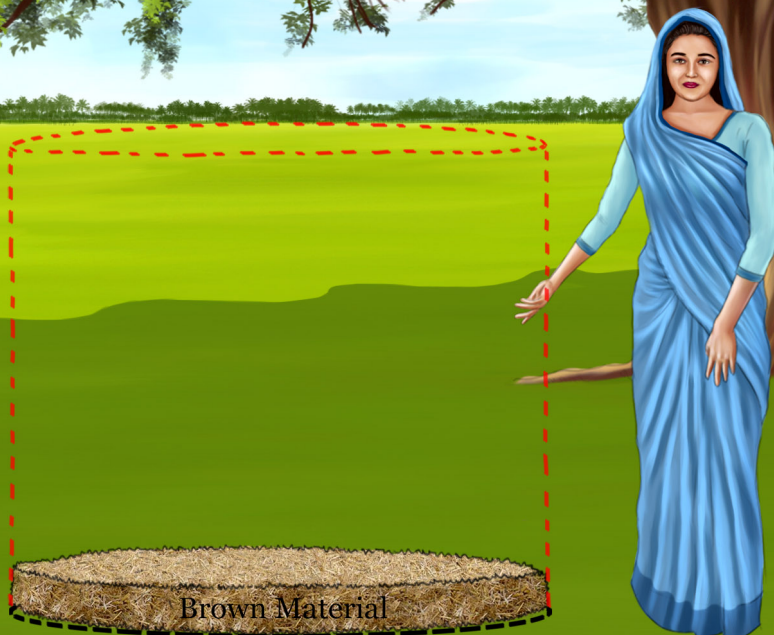
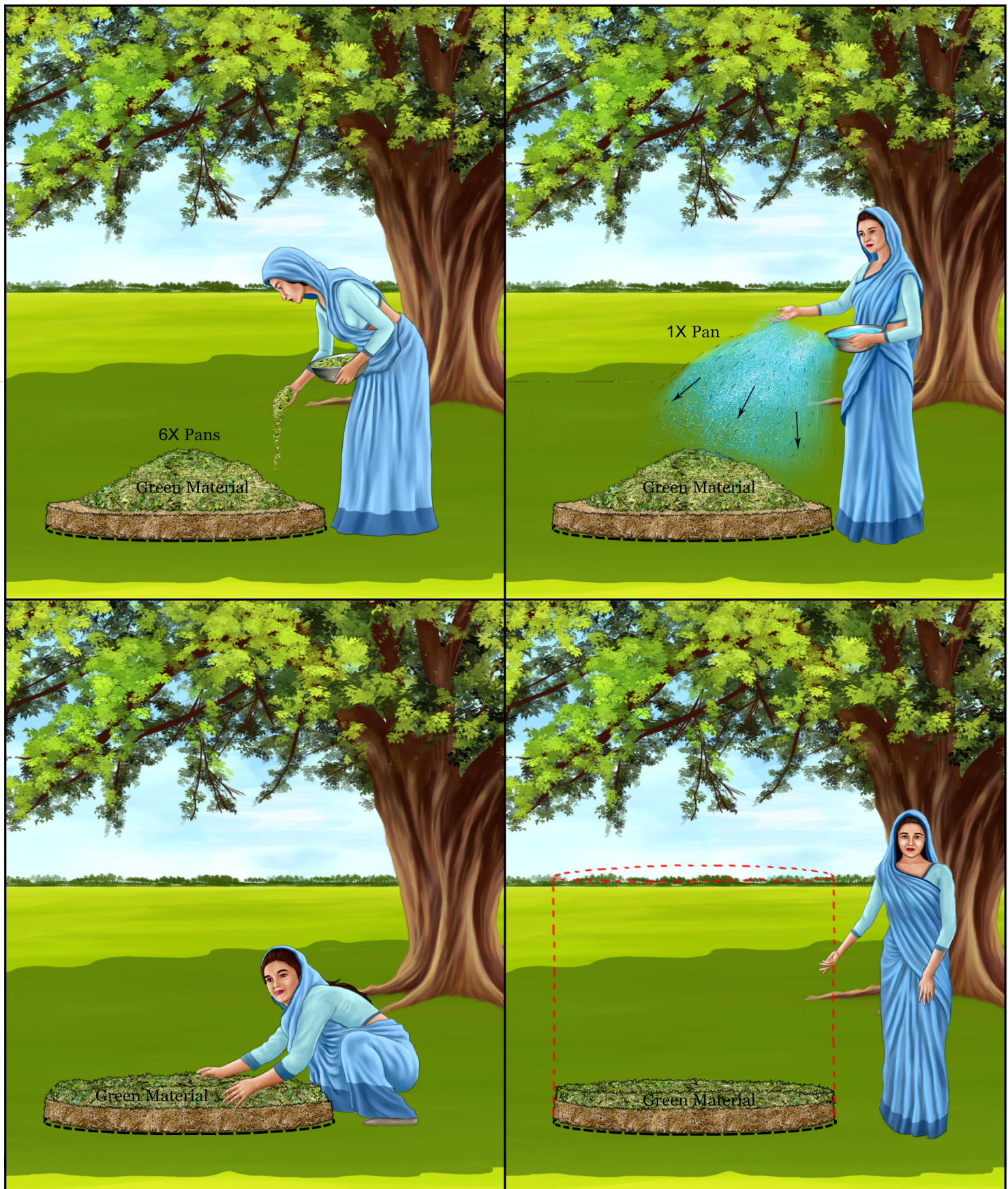Do not overfill

Pile Size

1.5 Meter

DAY 1
First Layer

9X

1½ X

DAY 1
First Layer

Brown Material

Brown Material

DAY 1
Second Layer

6X Pans

Green Material

1X Pan

Green Material

Green Material

Green Material

DAY 1
Third Layer

DAY 1
Repeat 6 - 8 Times

Dung
Green Material
Brown Material
Dung
Green Material
Brown Material
Dung
Green Material
Brown Material
Dung
Green Material
Brown Material
Dung
Green Material
Brown Material
Dung
Green Material
Brown Material
Dung
Green Material
Brown Material
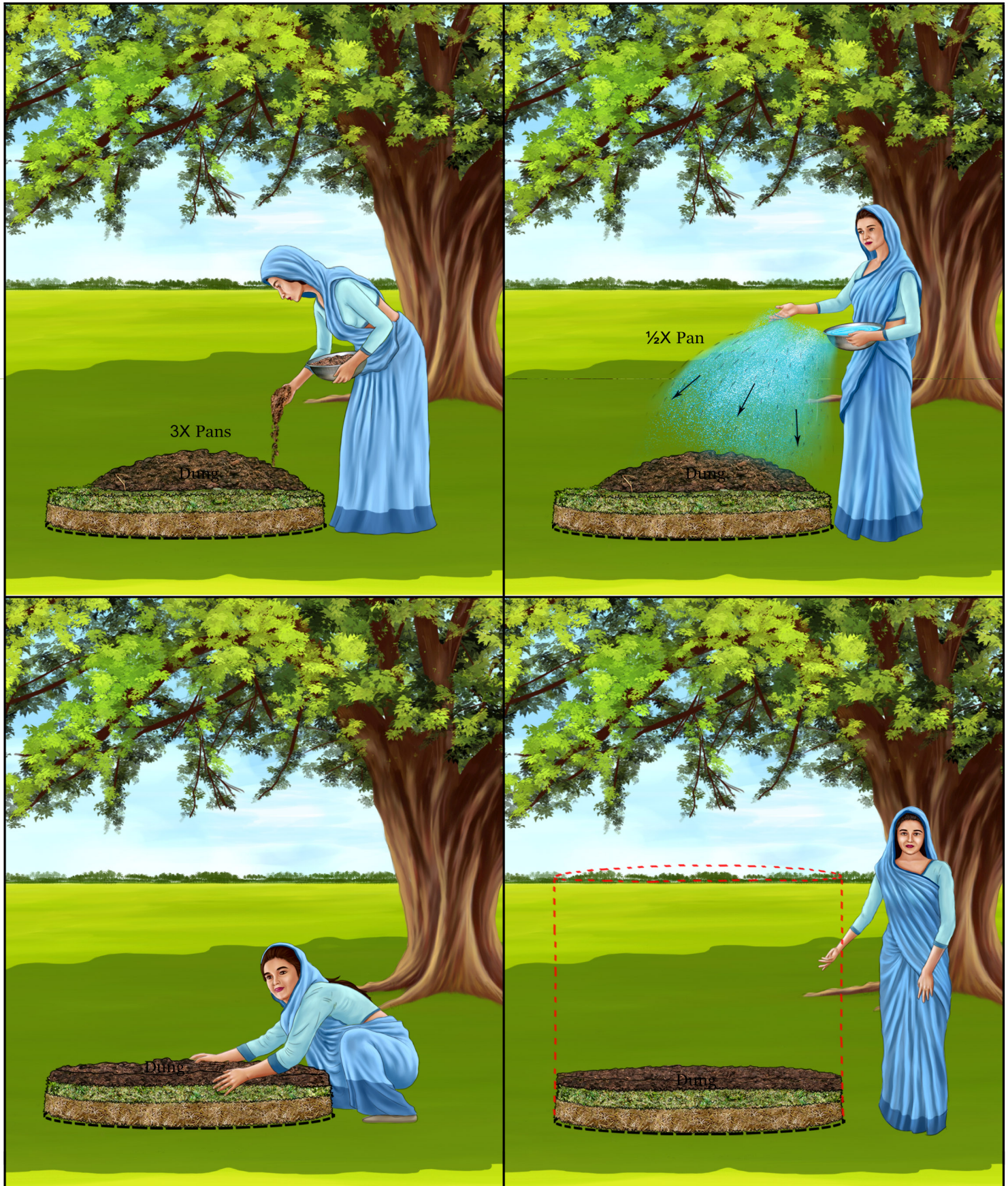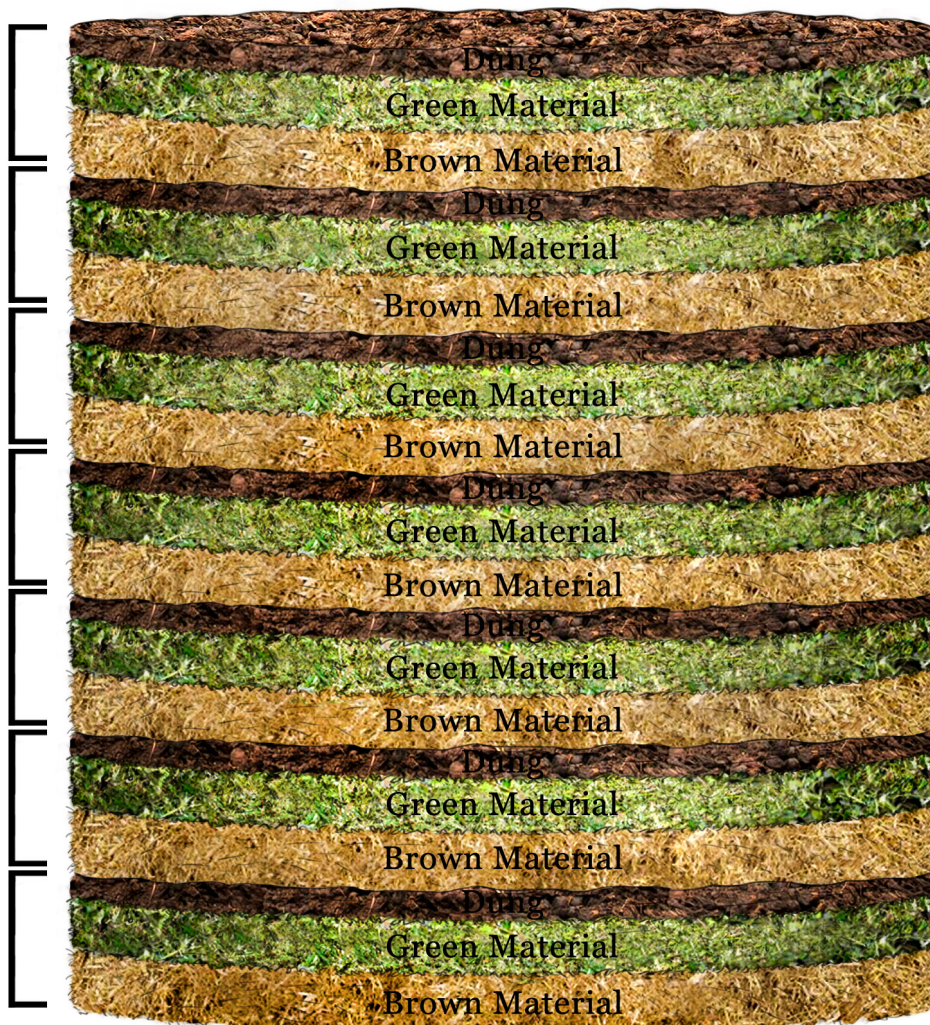
Brown Material (9 Pans) + Water (1½ pans)

Green Material (6 Pans) + Water (1 pan)

Dung (3 Pans) + Water (½ pans)

Pile Size (Height)

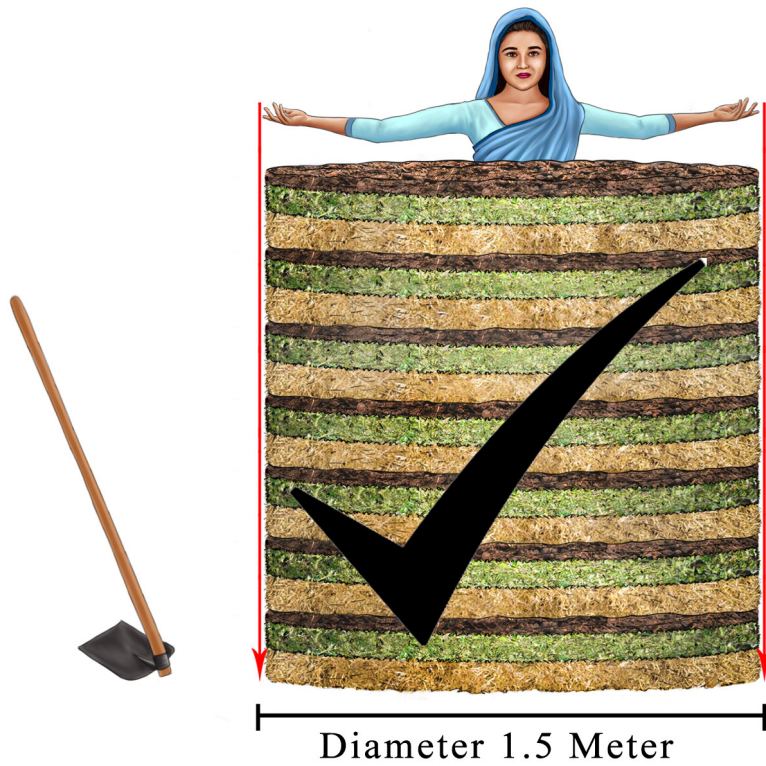Shoulder Height
(6- 8 layers)

Wrong
(3-4 layers)

Pile Size (Diameter)

Diameter 1.5 Meter
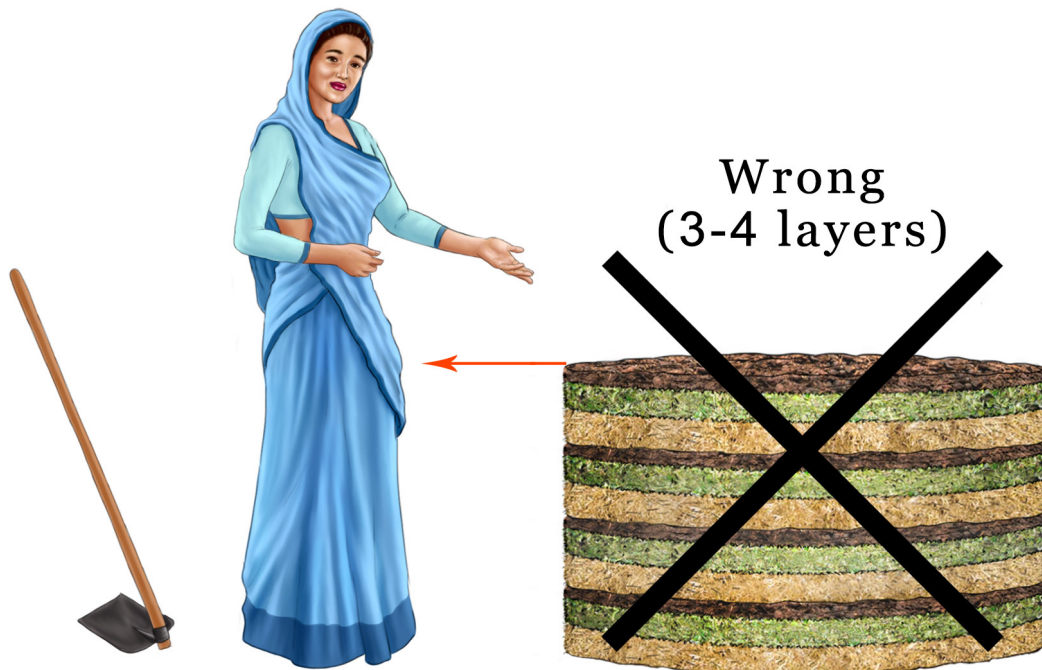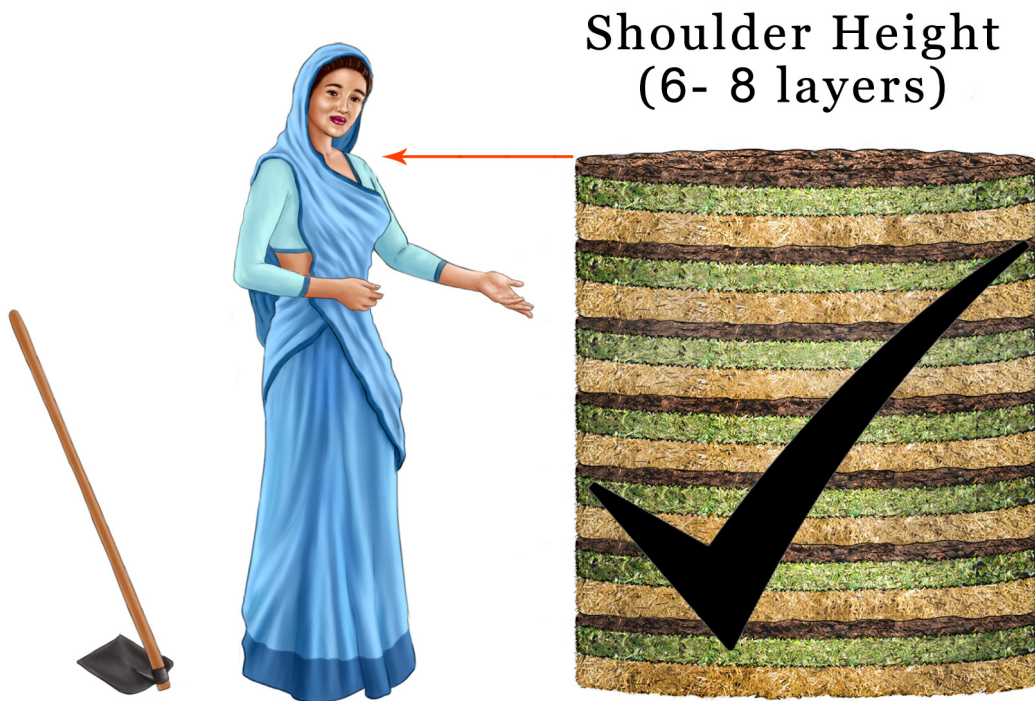
Diameter 1.5 Meter
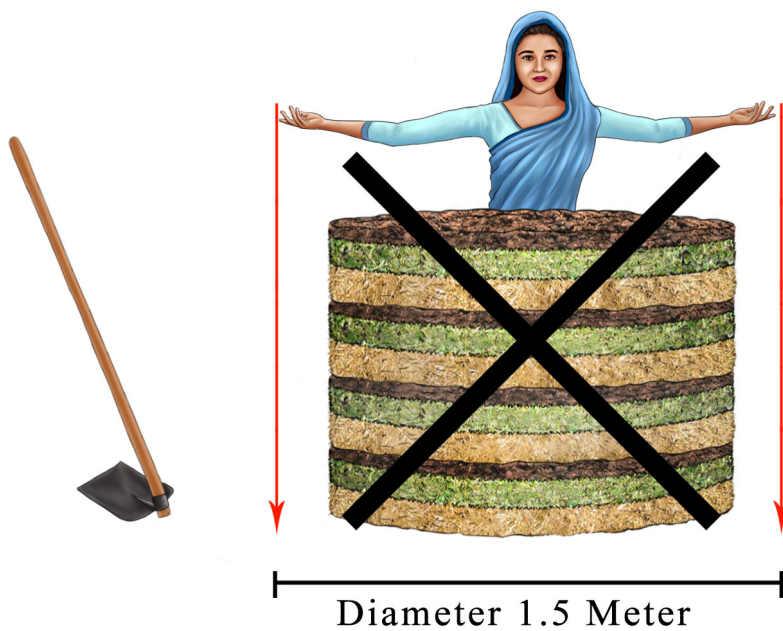
DAY 1
Cap

Cover

DAY 4
Temperature Test

1

HOT

Good

LITTLE WARM

Not Good

2

Squeeze Test

Always Squeeze test at various levels
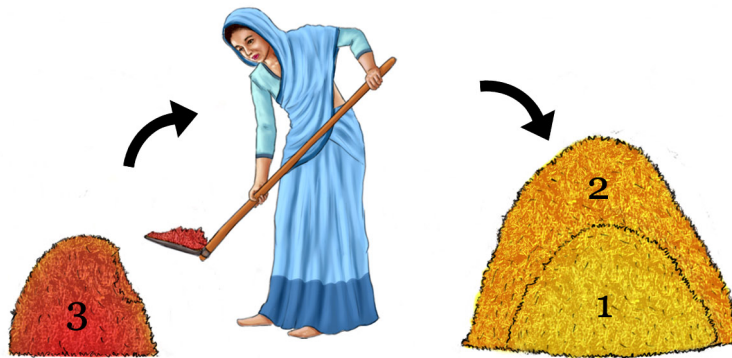

TOO DRY

No drops

GOOD

Few Drops

TOO WET

Dripping

DAY 4
Turn The Pile
Outside layers in, inside layers out

3

4

Cover

Plastic Sheet

DAY 4
Common Problems and Solutions

Problem	Solution
LITTLE WARM	Turn the pile — 3X Pans Dung
TOO DRY	Turn the pile — 3X Pans
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
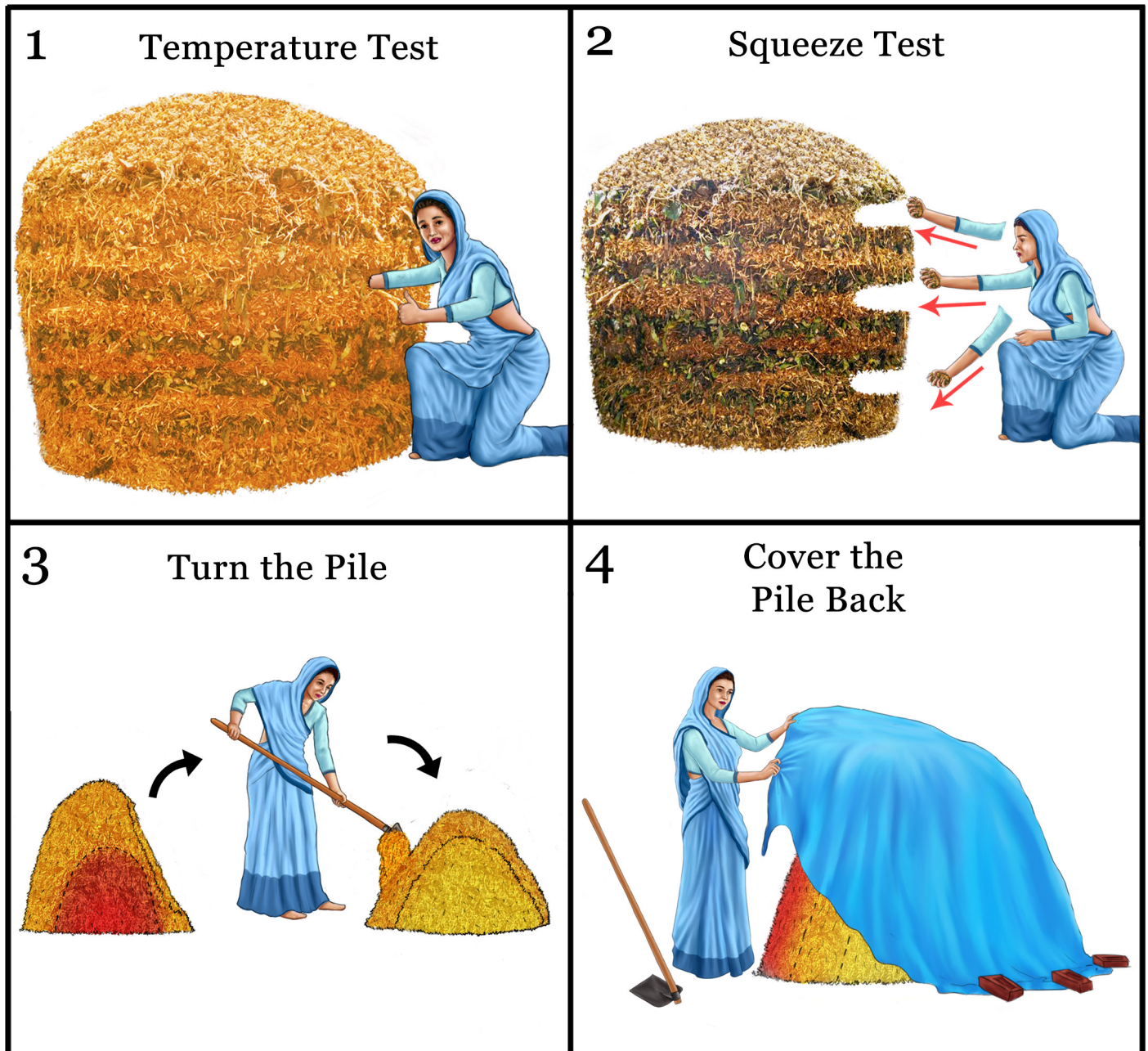
18 Day Process						
0	1	2	3	4	5	6
Build				Turn		Turn
7	8	9	10	11	12	13
	Turn		Turn		Turn	
14	15	16	17	18		
Turn		Turn		Ready		

Checklist
Shivansh Fertilizer

DAY 0
Collect Tools ☐
Collect Material ☐
Select a Shaded, Flat Location ☐
Make the Pile ☐
Cover the Pile ☐

DAY 4
Check Temperature ☐
Check Moisture ☐
Turn the Pile ☐
Cover the Pile ☐

DAY 6
Check Temperature ☐
Check Moisture ☐
Turn the Pile ☐
Cover the Pile ☐

DAY 8
Check Temperature ☐
Check Moisture ☐
Turn the Pile ☐
Cover the Pile ☐

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 ☐

DAY 16
Check Temperature ☐
Check Moisture ☐
Turn the Pile ☐
Cover the Pile ☐

DAY 18
Ready for Use ☐

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

All steps are important.

Mandatory to continue the process until the 18th day.

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