



Centurion
UNIVERSITY

*Shaping Lives...
Empowering Communities...*

Module 5: ORGANIC NUTRIENT PRODUCTION, ANALYSIS AND ITS APPLICATION



Session1: NUTRIENT CONTENT OF ORGANIC NUTRITION SOURCES.GREEN MANURING AND CONCENTRATED ORGANIC MANURES AND LIQUID MANURES



Centurion
UNIVERSITY
*Shaping Lives...
Empowering Communities...*

Green manures:

- ❖ Green undecomposed plant material used as manure is called green manure. It can be done either by growing green manure crops or by collecting green leafs from plants grown in wasteland, field bunds and forest.





Centurion
UNIVERSITY

Shaping Lives...
Empowering Communities...

Contd...

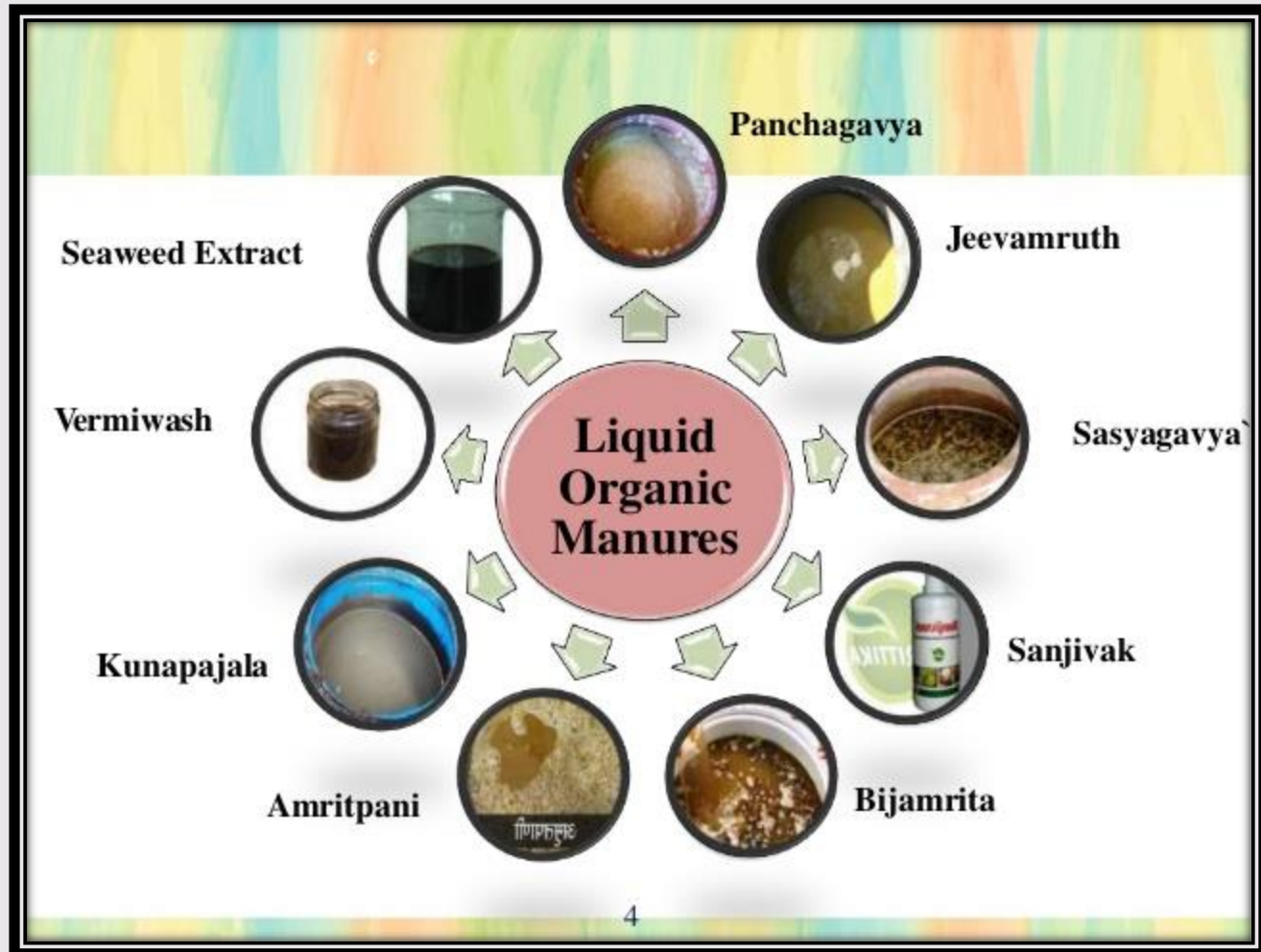
Plant	Scientific name	N	P2O5	K2O
Green manure crops				
Sunhemp	Crotolaria juncea	2.30	0.50	1.80
Dhanicha	Sesbania aculeata	3.50	0.60	1.20
Sesbania	Sesbania speciosa	2.71	0.53	2.21
Green leaf manure				
Forest tree leaf		1.20	0.60	0.40
Green weeds		0.80	0.30	0.20
Pongamia leafs	Pongamia glabra	3.31	0.44	2.39



Centurion
UNIVERSITY

*Shaping Lives...
Empowering Communities...*

Preparation of liquid manure:





Centurion
UNIVERSITY
Shaping Lives...
Empowering Communities...

Contd...

- Collection of waste of animal, a drum and a waste decomposer
- Prepare the waste decomposer solution
- Waste is placed in cotton cloth and kept inside the drum
- Liquid manure can be harvested after 7 days





Centurion
UNIVERSITY

*Shaping Lives...
Empowering Communities...*

