

# Plant Tissue Culture Media

- ✓ **Plant Pathological Culture Media**
- ✓ **Ready to Use Plant Tissue Culture Media**
- ✓ **Plant Tissue Culture Media Ingredients**



## ENQUIRIES

marketing@titanbiotechltd.com  
+91-11-71239900, 27355742

ISO 9001:2015 | ISO 13485:2016 | ISO 11133:2014 | cGMP | CE Certified

Plant Tissue Culture owes its origin to the ideas of the German Scientist, Harberlandt. Thereafter in 70's the commercialization of the technology began. Currently, the world is revolving around it due to increasing population, growing consumption and avoiding the environmental imbalance. TM Media has an extensive range of Ready To Use PTC Medium, PTC Medium Ingredients like **Plant Growth Regulators or Phytohormones** (Auxins, Cytokinins, Gibberellins, Abscisic Acid & Others), Macro & Micro Nutrients, **Vitamins, Amino Acids, Carbohydrates**, Gelling Agents, **Adsorbing Agents, Buffering Agents, Pure Antibiotics** and other range of products used in the process.

## READY TO USE PLANT TISSUE CULTURE MEDIA

Banana Micropropagation Medium  
 Orchid Maintenance/Replate Medium  
 Murashige & Skoog Medium (MS Medium)

## VITAMINS

D(+)-BIOTIN (Vitamin H)	NICOTINIC ACID (Niacin) (Vitamin B <sub>3</sub> )
D(+) PANTOTHENATE CALCIUM SALT	PYRIDOXINE HCl (Vitamin B <sub>6</sub> )
FOLIC ACID (Mono)	RIBOFLAVIN (Vitamin B <sub>2</sub> /Vitamin G)
NICOTINAMIDE (Niacinamide)	VITAMIN B <sub>2</sub> (Riboflavin)
THIAMINE HCl	PQQ SODIUM
ASCORBIC ACID	

## AMINO ACID

L-CYSTINE	L-ISOLEUCINE	L-TYROSINE	GLYCINE
L-CYSTEINE HCl (Mono)	L-PROLINE	L-VALINE	

## MICRO NUTRIENT

BORIC ACID	COPPER SULPHATE	MANGANESE SULPHATE
SODIUM MOLYBDATE	ZINC SULPHATE	EDTA DISODIUM SALT
POTASSIUM IODIDE	FERROUS SULPHATE	COBALT CHLORIDE

## MACRONUTRIENTS

MAGNESIUM SULPHATE	AMMONIUM SULPHATE	CALCIUM CHLORIDE
MAGNESIUM CHLORIDE	POTASSIUM NITRATE	

## GELLING AGENT

AGAR AGAR	AGAROSE	GELRITE®	CARRAGEENAN
GELLAN GUM			

and Many More...

## CARBOHYDRATES

D-GLUCOSE	D-MANNITOL	D+MANNOSE	D-RIBOSE	D-SORBITOL
STARCH	D(-)FRUCTOSE	D-RAFFINOSE	LACTOSE	MALTOSE
SUCROSE	D(+ )XYLOSE			

## BUFFERING AGENT

BES-BUFFER	BIS-TRIS BUFFER	HEPES BUFFER	MES BUFFER
PIPES (BUFFER)	TRIS-BUFFER	TRIS HCL	

## ANTIBIOTIC POWDER

ACETYLSALICYLIC ACID	AMPICILLIN SODIUM	CEFOTAXIME SODIUM
GENTAMYCIN SULPHATE	HYGROMYCIN B	KANAMYCIN SULPHATE
VANCOMYCIN HCl	G-418	

## PLANT GROWTH REGULATORS

ABSCISIC ACID (ABA, Dormive)	GIBBERELIC ACID (GA <sub>4+7</sub> )/(GA <sub>3</sub> )
6-Benzyladenine (6 BAP)	INDOLE-3-BUTYRIC ACID
2,4, DICHLORO PHENOXY ACETIC ACID (2,4-D)	KINETIN (6-Furfurylaminopurine)
INDOLE-3-ACETIC ACID	BRASSINOLIDES

## OTHER ESSENTIAL INGREDIENTS

ADENOSINE (9- -Riboluranosylademine)	GLYCEROL (Glycerine)	CELLULASE
POLYETHYLENE GLYCOL 4000/6000	THIDIAZURON	SUCCINIC ACID
POLYVINYL PYRROLIDINE K-30	TRYPTONE	YEAST EXTRACT
SILVER NITRATE	PEPTONE	PHLOROGLUCINOL
di-SODIUM HYDROGEN PHOSPHATE	UREA	SODIUM THIOSULPHATE
TALCUM POWDER (400/700 mesh)		DITHIOERY THREITOL (D.T.E.)

## ADSORBING AGENT

CHAROCAL ACTIVATED

## DISINFECTING AGENT

8-HYDROXYQUINOLINE

and Many More...



Extensive Range of  
**PLANT PATHOLOGY MEDIA**

Malt Agar  
Luria Agar/Broth  
Zinc Solubilizing Medium  
Malt|Yeast Extract Agar  
Potato Dextrose Agar/Broth  
Aleksandrow Agar  
Trichoderma Harzianum Selective Agar Base

Oat Meal Agar  
Aleksandrow Broth  
Nutrient Agar/Broth  
King's Medium B Base  
Czapek Dox Agar/Broth  
Pikosvakaya's Agar/Broth



**Rose**

TP 001  
MURASHIGE &  
SKOOG MEDIUM



**Banana**

TP 071  
BANANA MICROPROPAGATION  
MEDIUM



**Orchid**

TP 080  
ORCHID MAINTENANCE/  
REPLATE MEDIUM



**[www.tmmedia.in](http://www.tmmedia.in)**

CORPORATE OFFICE:



**TITAN BIOTECH LIMITED**

*Manufacturer & Exporter*

903-909, 9th Floor, Bigjos Tower, Netaji Subhash Place, Delhi-110034, India