

الباب العاشر

ملاحق Appendixes

١- بيئات غذائية Media

الرمز الاختزالي للبيئة	الرجع
A	Anderson (1978)
B5	Gamborg et al. (1968)
ER	Eriksson (1965)
KC	Knudson C medium (1922)
KCBP	Knudson C medium + B + P (1946)
KCS	Knudson C medium + CW + S (1946)
LS	Linsmaier and Skoog, 1965
MS	Murashige and Skoog (1962)
MT	Murashige and Tucker (1969)
NN	Nitsch and Nitsch (1969)
SH	Schenk and Hildebrandt (1972)
VWN	Vacin and Went medium (1949)
VWS	Vacin and Went medium + S + CW

تابع (١- بيئات غذائية)

الرمز الاختزالي للبيئة	المراجع
Tch	Vacin and Went medium + AC + T
VWM	Vacin and Went medium + B + CW + T
WH	White's medium (1963)
WPM	Woody Plant Media

٢- منظمات نمو Growth regulators

الرمز الاختزالي	المركب
ABA	Abscisic acid
ALAR	Succinic acid 2,2- methyl- hydrazide.
AZ1	7- Aza- Indole.
BA	6- Benzyl Adcnine
6BAP	6- Benzyl Amino Purine.
BTAA	2- Benzo Thiazole Acetic Acid.
BUDR	5- bromodeoxyuridine
CCA	Cellulose Crystallite Aggregate.
CCC	Chlormequat- 2 Chloroethyl trimethyl ammonium Chloride.

تابع (٢- منظمات نمو Growth regulators)

الرمز الاختزالي	المركب
CPA	(4- Chlorophenoxy) acetic acid.
2,4- D	(2,4- Dichlorophenoxy) acetic acid.
DCMU	3- (3,4- Dichlorophenyl- 1,1- Dimethyl Urea.
DPU	Phenylurea and its derivatives.
HNB	5- Hydroxy Nitro Benzyl- bromide.
IAA	Indole- 3- Acetic Acid.
IBA	Indole- 3- Butyric Acid.
2iP	6- y- y- Dimethyl ally Amino Purine
IPA	(2- Isopentenyl) adenine.
GA3	Gibberellic Acid, (Gibberellin A3).
KIN	Forfuryl- Amino Purine (Kinetin).
NAA	1- Naphthalene Acetic Acid.
NOA	2- Naphthoxy Acetic acid.
PIC	Picloram (4- amino- 3,5,6- trichloropicolinic acid).
PBA	{6- (Benzylamino)- 9- (2- Tetrahydropyranyl)- 9H- purine}.
2,4,5- T	(2,4, 5- Trichlorophenoxy) acetic acid.

تابع (٢- منظمات نمو Growth regulators)

الرمز الاختزالي	المركب
TCP or (Pichloram)	4- Amino- 3,5,6- Trichloropicotinic Acid.
TIBA	2, 3, 5- Triiodobenzoic acid.
WPM	Woody Plant Media.
ZEA	.5- (4- Hydroxy- 3- Methyl- triene-2- Butenylamine) Pu- rine (Zeatin ⇌ Riboside)

٣- إضافات Additives

الرمز الاختزالي	المركب
AC	Active charcoal.
ACP	Acid phosphatase
AdS	Adenine Sulfat
ADE	Adenine.
ALAR	Succinic acid 2,2- methyl- hydrazide
ALK	Alkaline phosphatase
Arg	Arginine
As	Ascorbic acid

تابع (٣- إضافات Additives)

الرمز الاختزالي	الركب
Asp	Asparagine
AZI	7 Aza-- Indole
Bio	Biotin
Ca	DL- Catechin
CaP	Ca pantothenate
CAT	Catalase.
CCC	2 Chloro- ethytriethyl ammonium chloride
Cg	Chlorogenic acid
CH	Casein hydrolysate (cdamin).
Ch	Choline chloride
Cm	Corn milk
CW (CM)	Coconut water (Coconut milk).
Cys	Cysteine.
DIECA	Diethyl- dithio carbonate
DMSO	Dimethyl Sulfoxide
DPU	Phenylurea and its Derivatives
EDTA	Ethylene- Diamin- Tetra Acetic acid.

تابع (٣- إضافات Additives)

الرمز الاختزالي	المركب
EMS	Ethyl Methane Sulphonate
EST	Esterase
FAP	Furfural Amino Purine
Fol	Folic acid
Glu	Glutamine.
LH	Lactalbumin hydrosate
ME	Malt extract.
NHB	5- Hydroxy Nitro Benzyl – bromide
PEG	Polyethylene glycol
PEP	Para fluorophenyl alanine
PHG	Phloroglucimol
PPO	Polyphenol oxidase
PPU	Pyridyl-Phenyl Urea
PRX	Peroxidase.
S	Sugar
SOD	Superoxidas dismutase.

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