

Table 2 Influence of inorganic fortification treatment on *Jatropha curcas* seeds with different concentrations under nursery condition

Nutrients (N)	Concentration (C)					
	0.5%	1%	Mean	0.5%	1%	Mean
	Germination (%)			Shoot length (cm)		
Thiourea	28 (25.0)	18 (25.3)	23 (25.2)	18.8	18.4	18.6
KNO ₃	47 (37.6)	33 (35.2)	40 (36.4)	21.0	20.5	20.8
K ₂ SO ₄	49 (38.3)	33 (35.0)	41 (36.7)	21.7	21.2	21.4
KH ₂ PO ₄	47 (37.6)	25 (30.1)	36 (33.9)	23.1	22.8	22.9
Na ₂ HPO ₄	34 (29.5)	18 (25.2)	26 (27.4)	19.6	18.0	18.8
ZnSO ₄	46 (42.7)	30 (38.6)	38 (40.7)	22.1	18.1	20.1
FeSO ₄	39 (38.7)	32 (34.5)	36 (36.6)	17.3	19.1	18.2
MgSO ₄	27 (24.4)	15 (23.1)	21 (23.8)	18.3	17.2	17.7
MnSO ₄	29 (25.9)	26 (30.8)	28 (28.4)	19.0	16.6	17.8
NaCl	43 (35.2)	29 (32.7)	36 (34.0)	16.8	17.0	16.9
Water	34 (29.4)	34 (29.4)	29 (29.4)	17.5	17.5	20.5
Control	22 (27.7)	22 (27.7)	22 (27.7)	16.4	16.4	16.4
Mean	37 (32.7)	26 (30.6)		19.4	18.9	
CD (P=0.05)	N	C	N x C	N	C	N x C
	7.6	3.1 (0.9)	4.5 (2.9)	2.6	NS	NS
Nutrients (N)	Root length (cm)			Fresh weight / 10 seedlings (g)		
Thiourea	6.6	6.5	6.5	57.5	57.1	57.3
KNO ₃	7.0	7.1	7.1	62.5	61.1	61.8
K ₂ SO ₄	8.0	7.0	7.5	65.2	59.1	62.2
KH ₂ PO ₄	6.5	9.0	7.8	67.2	60.6	63.9
Na ₂ HPO ₄	5.0	6.0	5.5	54.2	55.4	54.8
ZnSO ₄	6.5	7.5	7.0	57.6	59.6	58.6
FeSO ₄	6.5	5.0	5.8	64.2	54.5	59.4
MgSO ₄	4.5	5.5	5.0	43.5	54.5	49.0
MnSO ₄	6.0	5.2	5.6	56.0	41.5	48.8
NaCl	6.0	6.0	6.0	45.5	51.6	48.6
Water	4.5	4.5	4.5	44.7	44.7	44.7
Control	4.1	4.1	4.1	43.2	43.2	43.2
Mean	6.4	5.6				
CD (P=0.05)	N	C	N x C	N	C	N x C
	0.9	0.4	NS	10.4	NS	NS
Nutrients (N)	Dry weight / 10 seedlings (g)			Vigour index		
Thiourea	5.0	5.1	5.1	707	462	584
KNO ₃	5.3	5.4	5.4	1310	890	1100
K ₂ SO ₄	5.4	5.7	5.5	1438	929	1183
KH ₂ PO ₄	6.0	5.5	5.7	1501	735	1118
Na ₂ HPO ₄	5.2	5.4	5.3	875	413	644
ZnSO ₄	6.1	5.7	5.9	1178	857	1017
FeSO ₄	6.1	5.4	5.7	919	761	840
MgSO ₄	4.4	5.0	4.7	615	345	480
MnSO ₄	5.1	4.1	4.6	734	569	652
NaCl	4.7	4.9	4.8	966	683	825
Water	4.4	4.4	4.4	849	849	849
Control	4.1	4.1	4.1	440	440	440
Mean	5.1	5.0		961	661	
CD (P=0.05)	N	C	N x C	N	C	N x C
	0.8	NS	NS	240.1	98.0	NS