

**Study of morpho-agronomic diversity and oil content in desert gourd (*Citrullus colocynthis* (L.) Schrad.)**

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**Supplementary Table 1.** Geographical co-ordinates of local *Citrullus colocynthis* (L.) Schrad. germplasm collection sites in the UAE.

S.No.	Date	Collector's No	Latitude	Longitude	Elevation (feet)
1	13.6.2013	RMS-215	N25°09.52	E55°25.52	49
2	13.6.2013	RMS-220	N25°04.30	E55°33.45	127
3	16.6.2013	RMS-227	N24°41.48	E55°37.48	230
4	16.6.2013	RMS-228	N24°36.00	E55°56.00	300
5	16.6.2013	RMS-231	N24°20.30	E55°46.28	291
6	19.6.2013	RMS-232	N24°52.36	E55°34.15	164
7	19.6.2013	RMS-234	N24°54.36	E55°47.30	192
8	19.6.2013	RMS-236	N24°46.00	E55°46.52	200
9	23.06.2013	RMS-237	N24°29.12	E55°47.01	311
10	23.06.2013	RMS-238	N24°24.53	E55°40.00	160
11	23.06.2013	RMS-239	N24°24.55	E55°27.04	107
12	23.06.2013	RMS-240	N25°14.48	E55°34.08	57
13	23.06.2013	RMS-241	N25°24.20	E55°38.45	31
14	25.06.2013	RMS-244	N25°16.40	E55°41.20	62
15	25.06.2013	RMS-245	N25°31.28	E55°44.08	22
16	25.06.2013	RMS-246	N25°39.20	E55°51.40	45
17	26.06.2013	RMS-247	N24°40.28	E55°34.28	130
18	26.06.2013	RMS-248	N24°30.24	E55°34.20	233
19	26.06.2013	RMS-249	N24°24.32	E55°42.20	274
20	08.07.2013	RMS-250	N25°16.43	E55°49.51	100
21	09.07.2013	RMS-253	N25°22.06	E55°33.24	43
22	09.07.2013	RMS-254	N25°28.17	E55°38.22	19
23	09.07.2013	RMS-255	N25°33.40	E55°45.02	26
24	09.07.2013	RMS-256	N25°39.08	E55°51.06	41
25	09.07.2013	RMS-257	N25°32.02	E55°40.49	23
26	09.07.2013	RMS-258	N25°05.50	E55°23.07	39
27	09.07.2014	RMS-259	N25°01.36	E55°20.03	27
28	04.05.2013	KMK-1	N25°09.22	E55°38.13	52
29	04.05.2014	KMK-2	N25°05.01	E55°74.06	67
30	04.05.2015	KMK-3	N25°06.03	E55°76.10	36



**Supplementary Figure 1.** *Citrullus colocynthis* germplasm collection site map generated using GPS coordinates on Tableau® software.

**Supplementary Table 2.** Details of *Citrullus colocynthis* (L.) Schrad. germplasm obtained from the USDA.

S.No.	Accession ID	Origin
1.	PI 525080	Egypt
2.	PI 386024	Iran
3.	PI 525082	Egypt
4.	PI 537277	Punjab, Pakistan
5.	PI 652554	Rajasthan, India
6.	PI 388770	Morocco
7.	PI 386014	Iran