

Establishing carbon footprint baselines for Robusta coffee production in two key origins: Central Highlands, Vietnam and Southern Sumatra, Indonesia

WP1 - Carbon stock in soil

Indonesia Overview

14 April 2023

UUID	Soil Types	Climate	Land Management	Leaf Input	Carbon Input	F _{lu}	F _{MG}	F _i	coffee_area_all_plots (ha)	SOC _{Ref.}	SOC _{Baseline}
9abce7a1-6ea0-4b8f-92f4-ebbd2d930c27	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,2	44	59,26272
f0566576-b3ca-498c-8995-61a3a0783920	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1,5	130	322,92
74b8cbc9-8702-44ee-9c68-1d5b6b892002	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	130	68,77
02d2cefb-f31e-4327-8638-919fbf79e8e5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	44	39,50848
81246c17-8e0c-4191-a485-ee5d1192d1de	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
d954310a-8fdf-459d-8ea6-d95fbb85038f	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1,5	44	109,296
8e173cb4-1d7b-4b64-9034-1d7ed5dae980	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828

30dbd4d3-d533-4776-ba49-a18fe2551319	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,8	44	37,2416
db597947-1951-47cb-805c-59c093156ca5	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	44	101,2
b30c9a8a-5c5c-4ffc-8969-92cfc0952554	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	1,5	80	184,428
c864232c-9de3-4565-bc49-657fff4136a3	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1,1	80	95,92
75dca7e6-0a55-41e5-966a-cd31948b297a	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	5	80	436
88669742-c31f-48bd-a094-d4972a4765cc	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
3d98e88b-4a43-4dfd-aad0-e615adcfeee3	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,3	44	64,20128
af64c9be-5bcb-4f2f-a526-123bc0387878	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	3,5	44	255,024
ab737fd7-9336-4498-825b-20eb47aeb16c	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,5	130	107,64
2e768968-bf0c-4841-a11c-af4b62718679	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,6	130	129,168
67a1768e-1156-457a-a0db-40a52ec76c5f	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1,5	130	322,92
b50b9f98-5cf4-44bf-a5bf-31b68dba0aea	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	4,5	80	553,284
36bd4910-2ebe-4146-afb9-3a380dbb043e	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	1,5	80	196,272
926c177e-a14d-4db5-8d23-57b78c8ca7a0	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	80	245,904
b4d46273-6706-4f30-a154-269805d29870	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	80	245,904
0dafda55-78a9-47c4-8cdb-3d1caea2a43b	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	80	245,904
6649a62a-d568-4c85-878b-7ef151e5e6e2	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1	80	122,952
806b6f04-a529-487b-a68e-983dc08dfb0a	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	2,2	80	287,8656

2ccb792f-44f3-4bb8-b560-38b82526e0fd	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
7a1790ff-cf37-4968-b2a6-c203419acedc	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	80	245,904
a061a04f-80b1-468a-a668-aa2346487a6d	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	0,7	80	86,0664
18bb91f3-b73c-4e43-adb9-26ad8b122528	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1,5	80	184,428
ddc30e16-25f4-4912-9289-e9ee49ddbfe	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
f2243d22-4b64-4d94-91a1-5f19790d3d84	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1	80	122,952
6fcaa9d7-24f3-4ca6-bd0a-fadaa5ecefac	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	6	80	737,712
e1010c95-4033-4519-ba4c-98e334b3faff	high activity clay	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	1	88	143,9328
ac2c1960-7c0c-4d7b-b5d0-974eed56908e	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	88	270,4944
af67b478-062b-4c7b-9db7-28c8b0e3cddb	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	44	154,5984
2149992f-d66a-41d0-b551-606278d067d5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
85952ce5-f77d-4d70-96ec-d667979605f1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,7	44	34,56992
4f121ea1-cf45-4b91-b6f0-99cba7071c90	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	0,8	44	61,83936
99d2beb9-db05-4d0e-a47f-cb7b93f64d29	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
40d924b0-9aff-4578-b456-b72d5088c92c	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
29faba1e-d056-4914-b2f4-e46040904797	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,8	80	69,7856
0d9872b7-53f2-4201-90de-b97f352ba153	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
e46e279a-fd92-43e4-9350-e9cd50f9dca9	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992

edd1c9af-5607-4ccf-b8a0-0de6a3211d0b	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	0,8	44	58,2912
1743a1de-7c0d-4f5a-9223-af038cfcc9ab	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,6	44	32,208
d3bc7614-6dbe-4f21-9ebb-9b2f82b93667	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
28dbf2ba-e6ea-4dce-84a4-719b7049e20c	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
e1da77e6-2f1d-41c2-b768-9a76ee657db1	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
da008142-952e-4166-9eaa-ee6dc55b70bd	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1,5	88	143,9328
89efcd35-2a5f-470c-b428-f1fb36def7f2	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	2	88	204,16
1118832f-9f3b-4208-824e-129d3d17518a	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1,5	80	139,2
306aa54c-330c-49a4-bd3e-91073c5c2feb	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	80	174,464
763487ed-e36f-4961-9489-b0edcd364ff7	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	3,5	80	324,8
a513b0cb-dd98-40a3-aa07-5dfd133b5095	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
4d4c590a-df1a-42ac-85eb-1fd74f071b2c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
b2f73be6-8ff4-4413-90b9-95fd5710dce7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
46fafad5-87a1-4909-82f8-32979dc5462c	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828
fc33ec10-cd60-4f5b-ba7c-5f63326f1ed7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	44	123,464
474b726b-c922-41a6-a4d2-f66e7f38db15	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	44	148,1568
181ba761-4998-4cc2-b80f-e6fccf097e44	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
b48d04ed-1a84-4675-91f9-1d802d85e8d7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

0f29881c-ccc9-4992-a60c-a78f51cd0796	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
c4b7e779-173c-44ef-899f-5d4af55adc98	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
e898364c-58fe-4b3c-bae0-96a71fb3646a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4b1ca281-7fb5-4d2a-aab1-433a3eeb9254	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
293047d8-3c07-4305-be5a-2d28224d692b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
ce495617-996f-4bae-8b5f-4a0e68c04f6a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
ae47d128-d0c2-4b12-8212-4ba4cc52268a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	44	123,464
d976e0ed-c795-4403-9f1c-18861e0978f7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
ba4f8978-f5c5-4d56-ae58-58f07459e2ae	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828
ae4b19e7-0375-4f8d-813e-3cc9b0102fd9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
a9fa01ca-4562-4744-8b06-dd347a41081d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	44	39,50848
1b3b123b-ead2-4372-805a-57b19a650869	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,3	44	14,81568
9d55a540-ed33-4a13-b044-a9ae2e24bae0	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,3	44	13,9656
d42dd23a-9d86-4990-b572-da2052384a3e	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
21430d0d-e6b2-4835-b935-26bf6b7cf833	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,3	44	13,9656
79d42bbf-084a-402b-a278-3d56bddd8f56	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
0a8b2bf4-faa2-44dd-a04d-ac35f3fe5671	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
df419999-0e01-402d-85c0-7a7fd3b0ab9e	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	60	103,5

d7f77af4-7628-4cf4-93e7-72351f5979c2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
9fb2ad44-8baf-4bd4-8cad-2e8b5eebc407	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
cf34fd6d-96c4-45c4-8307-13a76c981ded	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	44	37,0392
02c21ee7-febe-4730-b2c8-9241da309e4b	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	44	38,6496
e3979638-90fe-44c3-8d30-d745935f4267	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	60	126,96
b599369d-0b72-45d5-bc5c-fd9414724a1d	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
13fab739-b177-4845-a4be-029c0b294882	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
de8f7cb5-fad1-4e0f-b467-357a1bb861b6	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	60	73,2
7492ae2e-6e47-4e85-a9b9-9cbb0e2492fe	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	60	95,22
7c5046e8-fa53-4843-b486-e1ce076f13f5	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3	44	139,656
921fed4f-5712-4d31-ae61-245f2bfb290a	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	0,75	130	118,95
f640dcda-29d6-4cc3-8f75-c8aa42de4fc4	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	2	130	430,56
89e966b3-b83f-4e1d-b482-0310a4ac29f7	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
052187d0-4e0a-48a0-8cae-59a6197ffa12	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
e334db1b-6b83-4d77-afb7-37f572ae556f	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	130	215,28
3287ae6e-0b5a-49ee-a0e6-46d0d1af3969	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
d32f1468-2f4b-41c4-a062-8acf0dd9cfee	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,1	60	6,7344
5fa4fd0c-5cf1-4191-8804-a05107d6f3b7	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	5	44	232,76

9f24768f-12f8-462e-9067-741397cb24bd	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,45	44	24,156
181c6ac1-416c-40e3-859d-f8c7428aaded	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
7e4cca69-1055-4ace-bfb1-fa3ed59b34d7	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3,5	44	162,932
ca947cf7-0805-4cb9-b602-08f4022946c7	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1,25	44	91,08
319aaca9-e8c6-41a2-8b67-f5d39de10545	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	4	130	583,648
abf24d19-b8c5-4565-be2c-a5bb1912ec3d	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	44	72,864
101c6d25-f30c-4d64-9034-cf673d8d1a8f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
a29eb864-581e-4125-b95e-33e493e5cf59	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	44	101,2
5c894efc-27eb-48f9-bebe-ef3402626050	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	2	130	317,2
36812b6d-00e1-42a1-a201-753a2d5bd556	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	2,5	130	538,2
4a03324d-1d90-4e5e-bc05-1515a6ae4dab	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
7be1cd58-0ef2-4388-afe-91e1d9160f99	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
60e724a8-46f3-40ef-9b44-234eaab0d811	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
68345ea3-07d2-4694-bef5-9da7e4b88fa2	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	3	44	151,8
cd686e4b-1185-4501-a4df-bf5e0d94a842	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	3	130	645,84
3be91ec6-bcef-4cc9-8e1b-25118f6c2a13	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	130	456,768
83ce6dd2-6b58-49bf-a168-3f7103c1f715	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
40393ecd-818c-4815-af6d-f7fb03c975f3	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	2	130	430,56

a89d6c66-b5df-4baf-8fdf-d28c252c242c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
7bc650d5-9d48-4e53-8a2d-6f2263cc85e7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
b31225a4-a6b5-4fdb-87ba-89b7773d597d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
2900e380-5126-47a3-b315-c306e19b0eac	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
ef9f9d88-6031-4c04-8ec0-052c294ec0a0	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	2	130	430,56
cd8083b6-ae4f-4c61-ba2c-3fd7bee1eadc	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	130	228,384
c2bb52d1-a41d-43b9-9719-f1b9cdf75646	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
e664be9c-ee09-4e14-a930-fb4a1771f4bc	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	130	215,28
38847f67-b74a-46b1-bcbd-cff86e120d54	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
b8755a4a-571f-46b4-adc2-fbf56e2105e4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
6172d9aa-7b28-4db3-8bde-6a93caa7391b	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
007e6caf-cd15-4d8f-8d35-fd7f81a787c0	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	130	215,28
a94d5158-4d57-48d4-8215-cfaa53db0f6c	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828
f8c405dd-530c-4db6-be58-fe58deb3e5ef	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
189d638b-2e37-4565-ad52-17c71c6ea123	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
f10e3de7-8f1b-4096-aaea-9943285e8cd1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
9fd7beb8-3d63-444f-a40e-b578fc38f71d	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
0a5ca136-fa2b-41f6-b5df-51f019d4bfa9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	44	12,3464

c49a78c3-e7ea-4a22-a58e-6d9912fd4783	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	44	123,464
3820691c-7f8b-42a1-830f-93b95a106ab0	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
256f1b26-9c7e-4867-920b-c11f4513f736	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,04	60	2,928
50b5c443-c3f2-4f55-bdf0-53b6e5f04a13	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
cb968b2d-87d1-4114-a914-38d7de6c60d3	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3	44	139,656
154e4126-d1e7-458d-b3bf-fbca1372d4fd	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
a028b085-d2a2-48fb-aa38-2c0a9f3d1198	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	60	126,96
992aeddf-5bd9-4f82-a233-6298036b2ba1	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
0ad5c05f-6705-4d42-89f3-b70032185b7d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
7fade73b-6808-46bc-818f-c53f81a09277	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	4	44	186,208
9a7c459e-53be-41a9-a06f-e5800a2ed036	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,04	60	2,69376
57b7ed57-6cf2-48f7-9d5d-b51462a8db19	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	60	16,836
6579e6ba-8001-4bf3-a9de-6da32896c5f8	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	2	88	180,3296
a7a7a250-601a-4de4-ae98-b00e0e55cc58	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	88	90,1648
5ad417f0-bdeb-4ecd-8e57-905863f6fc14	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	88	90,1648
31c5ae8a-d757-41e6-be98-cadfb16774ec	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	2	88	180,3296
c2e670ad-462f-4507-9818-1d380a992046	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2,5	44	193,248
c4075989-3793-4c3d-9d2c-680cc476f613	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104

71114b93-20c3-4630-919a-79b429d0200f	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1,25	88	112,706
121615a7-4f10-409d-8962-7a6236d0b571	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	130	114,192
3ec87628-2d73-440a-b4e8-03fcea86b5f9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
e6b0b37c-48ea-422f-b23e-465ac779566a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
52013bee-4940-40ed-91b9-3ff479301f26	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,4	60	26,9376
94549a78-6ddc-420e-b26a-37f79c9eb14f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	5	44	246,928
dee6118a-31d1-4e2f-9467-48f43349849e	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	8	60	538,752
ac4726d2-bf8d-41ae-994d-be4c6f4b201e	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
950a5c7e-9e84-4e5e-9075-164e2d697e51	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
c670c793-a113-42c1-ac9c-74709bf0cdb1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
0301b972-72f3-4ace-af99-7433c1d09d4b	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
c611310a-1af9-4c76-919b-e169c10699ca	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	60	134,688
cd7c6e62-b8a2-45c9-b2df-77236101013c	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1,5	130	322,92
b18d8972-b76e-41ae-adc2-e58befe7786f	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	130	237,9
79c87982-1511-4662-81bd-e47ef0a64aff	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
17f8f313-164e-41bf-a3ce-4681a283a2dd	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	2	130	317,2
b64dbc0c-de4c-4697-bdfa-c7099cab015e	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
4fc7184d-ded2-4f81-9701-e193f8c97f4a	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	130	215,28

ee1704e1-b65e-421a-8b80-a2317757f29c	volcanic soils	Tropical Montane	No_till	yes	High with manure	1	1,16	1,41	1	80	130,848
689936cc-2164-4064-86f9-eeeb6ac148f1	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	2	60	146,4
27bbc8e7-b5e5-4e85-b067-0e8232e17f22	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	60	103,5
4e5b39e5-96a1-4117-9b91-1594b7534caa	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	60	138
372df440-4b95-4163-9253-d7cfe613228c	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	60	138
2c2b0596-5240-4485-949e-8474cc0a0bdb	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
a4ffa4ec-ae95-4a25-9578-aa9d93794b53	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	1,5	80	184,428
a968339e-2cbb-47f3-b2ec-1e99cd780227	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
f4244e9b-db7a-4fcc-bbd9-a1c1d99ed954	high activity clay	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	1,5	88	215,8992
4412db3e-6406-4284-86c9-558244e95685	high activity clay	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	1,5	88	215,8992
74adc50e-44c7-4ba0-b87b-1f9a995e3d80	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
1c4ca915-f86c-4ffd-a088-6f9b5f02ad30	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,7	44	54,10944
926dbe21-ce8e-4b8d-aeb0-5c690f894d3c	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
e6236492-9b30-4cdf-a4cc-cb24f86c47d5	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	60	103,5
b214a420-8c6b-42af-8bdb-cf4090e7fd1c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	44	37,0392
fcc065c9-9715-4b5a-b05c-7fd389032bee	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	44	38,6496
a96457bc-d583-4c77-8ecf-07b1c492c95d	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	44	77,2992
5fa641f4-63d6-4b5a-ac3d-4abd9338bb37	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992

3dfe9664-c256-440e-8d1b-d70216f9bb7f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
473c5920-08bb-4520-bcad-8177007ec685	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	2	130	430,56
d01b4a08-e76a-43f0-bebd-72f3473206ad	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
83ddc40f-7241-4214-80bc-fbcfab0166c6	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
61e1dfc9-acf5-4394-a492-85f7ba7410a7	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	130	228,384
06e8f98c-33f1-4f2e-88b4-5056e97b8d52	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3	60	190,44
3dac34a8-f83a-4ea2-b731-59eb1d6451a2	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	60	202,032
d2add0d2-e5e8-443d-9068-59c3433abc74	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
ab9fd6b2-5a17-4b9b-8710-8957e266b16e	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	44	154,5984
1bf7858a-859e-47c2-b95c-67a9d91f41cf	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	60	73,2
d060182c-db17-496b-87f2-96aa53c35357	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	60	103,5
9d115e79-3cd0-4f98-a21d-b66963987a5f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
c82ced3c-ae18-4ef5-b6d7-5fef487974eb	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
b6d64f78-5781-48b0-a511-e34e2d97dc7a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
1b179cba-e07d-4b3b-8023-6d4a10bc25f1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,4	44	19,75424
d733451c-a048-4f6f-b62c-faa6944b30e3	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
6119a8c6-46c3-47fe-a8d3-315ba8dd0c07	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
7d8439af-f0ba-49ed-b570-f922921be7cc	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	60	168,36

e9de54be-1b1a-4a33-a7ac-21708b19c723	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
3f801c28-2e29-420c-bd68-8ee6660edf6e	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1,5	130	322,92
cf257d1-83e5-4ce5-8272-a5c541721263	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
b593ec83-a013-41cb-80e0-a1fd52307b3b	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	2	130	430,56
4b374372-063e-4685-8960-373f02b7f3fb	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	130	206,31
e58e1ddb-e8d7-4900-8dfb-2ccc5c518b76	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
52c8026f-79e5-4407-9b12-9df2280bc0af	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,75	130	103,155
2e0898bf-90a4-44c5-87c0-1cd59864084e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	3	130	437,736
1d01c446-85c8-49dc-ae2-a2d460c3a84f	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	130	206,31
11381094-cd33-4bfa-9830-b455818fcd4e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
180a67fa-6d51-498d-b03d-4f0a971886ac	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
f7efcb9a-11f6-4eee-b93a-2cbb5a6d3432	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	5	44	232,76
3bd26aee-5a46-4a74-bacd-41e27d192194	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	4	60	269,376
6a5623c8-467b-4f11-95b7-9ee04065f68d	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
0ba47947-ba48-4a7b-8a30-e225af36db49	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
4d05a846-0e9d-4b99-aa51-ab83be9be6a8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4980a663-0e29-4063-9f2b-41ccdfd4b0f1	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
4602a510-d951-462e-a189-e986a863852e	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	60	202,032

7f625392-b126-45ec-bfe3-2dfe0f5734ac	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	3	130	448,5
c0951d3b-51e5-4d83-b912-ee390552ffe2	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
b611cd75-2784-4b5c-9407-02706212d256	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1,5	130	342,576
d4a7a610-f689-4e87-9b54-91f2a1e8b5c7	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	0,75	130	171,288
17b172a4-5554-49d0-b331-0dc154720496	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
b6624442-9f0d-4a38-abeb-7e0af681b969	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	130	237,9
30cd4e12-2058-40ae-b039-26db44f846c4	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	130	74,75
f9919102-0bea-4566-8b11-819a7e3329b0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,3	44	14,81568
5e5c0dd9-59f3-423b-bcca-051b9c251bae	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
811ee358-aa35-428a-9d16-f767c0213d2d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,2	44	9,87712
7757cb1a-7284-468c-8f09-4675ce5c3dab	low activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	60	99,36
9b617a07-193f-4e63-bf85-b4a53c08a4c5	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	60	33,672
06077688-8af3-4ba6-b845-b71746077e7b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
6cab7174-2d69-42f1-b2c2-6ea40a390e0f	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	7	80	860,664
72e41e96-7f26-47b3-8703-985ff824a96e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
4bd99f58-a31f-49b7-b0a9-e3c30ad42071	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
4fed7bd6-8539-45b5-bceb-073c4fbd5b30	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	60	168,36
b6003d25-3cb7-46a2-b6e7-5bbe26036c08	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3,5	60	235,704

7bd2e35f-c3c8-4701-a669-bdfb127db37	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
0d0f4141-a942-49fd-87bb-687257a01928	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	5	60	317,4
6c50530a-270b-4f01-8b49-2b208a5cc523	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3,4	60	215,832
94583616-3986-442b-80d6-d2dbde583318	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828
e86cf3f4-2cf9-4e7a-9db2-808feb2875a6	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2,5	44	193,248
34c16c49-4b42-46c8-922e-ce830d3fd484	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3,5	44	172,8496
e0dc685c-9f2b-43aa-818d-287c207fadf3	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	3	80	245,904
9befac19-713f-4b22-b8b0-28e4cb8f9424	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
42a2fdef-4d6a-4017-a38e-f976372dd2e0	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
7b70234d-819a-463b-8f71-55be9e750674	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
d74d82fe-3842-457f-9467-f3f416a18229	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
560b118e-cac6-4d00-8568-c930925def26	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
21b84c80-75d2-48d2-aa85-4f27b05beabe	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
3002b304-b60b-4264-909d-9ccdbf7b3d7c	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
b04dd0a2-a81b-4694-8310-6f5d35b21719	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
f06d2e92-4be7-4c93-99c3-148f4612c2a1	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1,5	88	143,9328
94157cbe-754d-41e6-872e-234535c7655a	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
6915eb38-7c62-4c05-9d2c-7b368b6793b1	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	2	44	107,36

31b637f2-f713-444f-ba8c-3ebffe50fe9c	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
9b130d07-adb5-4fd8-ab17-bd5ed2e71771	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
fb170f62-02ce-461f-a493-8c7c5ebe3d64	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
56bec611-fcd9-417e-b1c7-6f0292a37e13	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
445ced6e-f64e-4182-9b36-af179fb91446	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
2f6dadaa-3ce3-4e2d-a102-649863199141	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
be0b3252-87d3-4a8f-b9d1-10ce0e23aef1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
6ac5eee4-3f07-4e91-b77d-f85eba4ecd2d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
e6ca64a9-c3f4-4631-ba3f-8de052ee878b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
1fef37bd-2d24-4c1c-a050-bd7867d7978d	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
3b23536b-7e1b-4693-af61-759e247cc78a	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
def2093f-8bdd-4a81-85c0-4ec0d5b3a4a4	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1,25	130	198,25
babc5098-bc7f-45f6-95f9-2dbd16d1ee31	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
dc59ddd7-7bd3-4ca9-b001-df3a99417286	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
f2f36f00-1de6-4716-9686-deef0e738699	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
506f67d9-80f8-4ed5-9508-c51ae1111fed	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
e167c3e6-f477-4e60-8e68-52b2813cf86b	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
4d7197bc-a043-4ffd-a06c-ad7cfa84b19b	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6

82a748ea-7c8d-40ff-a5c2-188c5dd9dc0b	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
5039c22c-f84e-4d72-9d7f-70c3d258bae5	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
502759de-8e63-45db-b789-d31e157652b5	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	2	130	317,2
6a4db1f9-effe-441d-a2e8-4da9b7bf9b49	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
e8f33bc3-7df8-4424-a343-0c308ed4997d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,25	130	182,39
b53ca221-3f80-403a-adab-6efa224e21c2	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
6035edae-e7aa-495c-ac50-ba5b4523d52b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
6498af7a-b645-4d95-aa89-40935e59dfea	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
4f2d5b06-90fa-4326-8910-a35c17171e09	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
dcd3d590-f416-4f39-8f1a-9acd3e5b0888	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
0651f9a3-ec21-4835-9015-8a1cb95d3c95	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	44	80,52
e2e85da3-a997-4fa7-b946-6b39bb642a8c	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
91649727-2b11-4f69-89d3-045f367654e9	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
6441d1fc-9636-41d1-8656-ae4003dd71c2	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
bd19af3e-0f4b-4373-a878-b46f0acae190	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
c35b87e7-f944-422b-b65a-f8f879200b7e	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
3b2e0464-acd1-4152-a198-2ce14c897447	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
76f0114c-e05a-4c38-a582-5ae0a1f8cb6f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68

1f951698-121c-4c85-8cfe-1011492b7316	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
a0467e8a-408a-40b9-abd8-cbeaf72416fa	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
0a2e8892-3bbf-4f3f-82ef-a3fc20de27a5	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	3	44	161,04
999c0423-79d1-4e09-9e66-5e9ea606811b	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	2	44	107,36
5dad7082-5708-4dcc-b0a5-b949431582f8	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
08a229c8-8f53-4a80-b237-350a70387063	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
34fba466-704a-48a6-960f-d42fa15f52a3	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
4f9d98bd-4b40-431a-ab98-baf6fa518d11	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
25d3bb62-da56-4b2b-9af0-26bc577de1c0	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
208dd774-84fa-4849-b52f-6b55c68cf1d3	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	2	130	317,2
fd16e9bf-7022-4183-b9b6-27a147c35be1	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
42b0438a-642a-45c4-8402-04cc87be0c44	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
3c7c5d1a-ecfc-4638-a185-fcdd6c9bbf43	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
552ea1cb-5ba8-4afa-b9a1-500bd53a9d6a	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1,25	130	285,48
e0f8cb44-5179-4a19-a312-6bf0e45ded20	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
958ce723-3d1d-4577-9a4f-efa2d7bb4dff	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
d7557ad6-5f5d-46b4-ad55-748a54937def	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
048c72fd-65e5-4f27-8d90-4978cca4bbde	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6

ef02c4f1-3382-4dda-8a47-e1c832769a06	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
421fdaf8-61a7-41dd-8d4d-972fecfd4eaf	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
112da4fd-79fc-4b37-baaa-e3ed541dbcf6	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	3	130	475,8
543702e8-0619-441b-bffd-07f26dafd9b1	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
66ba5fff-7d72-4b86-881a-4c867fe91de9	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
1326e8dc-a0ac-4602-9a1a-1b15758af025	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
e7be037f-9d7d-4c6f-b10e-850477480dfc	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
c9311863-bfd9-4a5d-a632-e1b8aa165354	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
1eb02eab-fe0f-4f49-996d-c63baebbb046	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
9b54e56c-efa3-47ff-9fe0-78179fb89220	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
95de9fd6-569f-4cb3-9329-7c4d33979e76	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
9ad63abb-a2c0-494b-acf7-caef6e31c14c	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,75	44	40,26
34a3ff0f-c660-4969-8dc6-36687c3355f8	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
23d29ade-b178-4cc2-8351-52b2440fd302	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
fbecdbfd-36a8-4581-b1a5-225457d29df1	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
a06e9287-8ccd-47cc-a9c2-6a8edd975bf9	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
6837c12e-ab06-4927-95bb-febcb4cdce75	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
06c680c3-5cd5-485e-807f-4c63a82f2098	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6

1a9ad337-fb88-4d2a-a7b2-54bdc5a31ef7	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
ca218076-03d6-4cfe-ae83-1bd965bd94d5	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
74ad62f0-aad9-4b2c-a6ae-f0cd7533888f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
83a33120-71d9-4993-b712-d217cd847b9c	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
f40d33d8-d548-4cc2-bcd6-993f5baf8d95	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
c1b4b8cf-8d80-4d0a-9a8c-525cfd897e99	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
631eb545-36bb-46ca-8897-54544a630eaf	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,8	44	42,944
60d4bf37-ebf7-4a17-a27f-56e190514e54	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	2	88	204,16
f5ea384a-7bc8-4d05-a39e-f129b9143484	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
ca7f3965-a4e0-46e0-9d4e-c175539893ce	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	88	90,1648
d05e6bd9-19d6-4e29-84c3-f0671bca13b4	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
485d6dd0-0e21-4d4a-aa23-d70701c154d7	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	88	191,84
b3ee1d2c-a635-406c-862a-0e21ffff87ff	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
ed128ae0-9758-4ee0-9872-3cfe306e2ad9	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
f14a0679-aadb-4808-901c-c8d066384f6b	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
93719b48-933c-4503-b635-f3456ebf4a4b	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
e65d4736-a7a0-4722-8471-9aba45b2697f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
d0b9b85a-2a0b-4a74-8d44-597dfe16c1f7	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68

4b3f0c09-012a-4cdf-95fa-40630f9c85d6	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
3b23129d-f4e6-41bd-b3a1-a1359858344c	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
62226001-2c1c-4b9c-9e5f-fd532f9b0b08	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
157753ee-17f4-4968-8093-e6041de7da2d	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
0ea146cb-0dae-488c-b61e-be5a17db1e47	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	4	60	269,376
ee6a8ef8-fb3e-44d0-a56d-faf42f0e5209	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	5	60	336,72
e09c8475-c30e-4b03-a02a-b6ea806d24f6	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	60	202,032
f9c09475-34c8-4917-b4a5-af28796503e1	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	4	60	269,376
127016d7-3426-4b6c-9ad9-adcc6d820f53	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	4	60	276
bc90b570-8f72-47d5-8515-ed9316257279	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
1d9ff650-98d3-4598-b887-ff6b7ea22137	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	4	44	202,4
4cd4de03-588f-4e3b-bb50-c6b1764073f9	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	130	275,08
65ea3fc7-e0ce-4192-b9b9-f97cc2875bbb	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,7	130	233,818
71da7db6-aaa4-4f91-9ca2-c5f0132af671	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
3a015cad-1c82-4833-9574-223a291bc212	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	2	44	145,728
f70b94bc-dade-47bd-b2e0-1c91bb8de053	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
57c496bb-8ade-4341-a430-7259efe0cd69	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
3db8a4a3-eed8-4ca5-82f6-783055d006a0	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2,5	44	116,38

6586b3b8-0393-4eae-a297-e15a8aa37992	low activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1	60	99,36
86648314-36a1-42c0-a2db-3ba8b4505e2f	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	44	46,552
9c23eb50-22c0-4bcb-b873-81295e26fce3	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44		3	130	685,152
44fe2462-0270-4657-8c4d-e368ae6e447d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		3	130	437,736
676dd693-bf93-4039-8c09-8cdac345402f	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
42bceb70-c210-4968-8d9b-afa8043ac634	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		0,5	130	72,956
c61fee40-814f-40dd-94c4-7b00ab0512c1	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1		1	130	158,6
df62b8b9-fded-4eeb-b68d-37515bd297c9	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1		1	130	158,6
b87730b1-91b2-47cd-a498-34486e7de54c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		0,5	130	72,956
61272ad7-20ba-4f86-b8b0-5f8270bfece7	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
10af61ca-ddcd-4199-8731-5374ed7c68ee	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
45f68c07-6dcc-4c1c-b7b3-10a9cdfb1334	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
8250b60b-e590-4f4c-978f-c372ea524778	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
115b3046-5393-4aed-a0e4-d0b2ab36d656	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		2	130	291,824
80f9261b-f453-4999-b496-f2f0fa1c88c1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		0,8	130	116,7296
0b5c9f5f-f637-4eb8-9793-4da245880eb0	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1		1	130	158,6
3d7685ba-1d21-4826-a60d-e7f329bea541	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
0546d6db-8855-4681-8f3b-aab9e1cfaed2	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1,5	130	218,868

a128cffc-c46a-4a4c-9e94-704757acadbd	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
43982cda-3a00-4780-b4cd-fb8f76622d14	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
0e7b4a5e-a435-4710-bafe-6c6bc38f5473	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
23692319-ec69-421d-8a93-3dc69ab7602e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
1d12ea94-4ac1-454d-b91a-06932432ef86	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
fd8f0185-c2df-4b8d-9427-919cc20a4dfe	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
333e7463-30eb-4d3d-a798-64dfcfcdd639	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
0114e52f-9e29-462e-81b7-df100500ccd0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
eadb66e3-0769-4308-a908-97404cb06217	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
f9601ac4-73d3-42fc-bd90-bb74d057edc6	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
fa96aaa0-b47c-4e10-b349-c2552e66c712	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
3fa803a5-d40f-44be-8c48-0572eaf9e410	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
17324237-c36c-4412-a994-53db70909dfe	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	44	39,50848
4b95c5a6-3291-45ef-85af-a77247680d95	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
21238111-3a0c-4618-82f2-64c9e80899a5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
53e8938d-2655-4571-8d9f-fa70ddfc8898	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	44	39,50848
1bc57d6c-bf5a-473e-a0cc-86b4e66bfb09	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
d8fb65f5-030d-43fc-a0f8-9e9fcdab9d7b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

5db4bc95-62bc-4232-afcc-88654b59029f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
f77dbc02-37a9-488d-a77a-3f41d6bdf543	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
38195f57-82de-4127-87f9-7d1425cde367	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
130c648c-c3e1-4654-a4ef-014b7693695c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	44	39,50848
e1f12134-dc70-4b5a-8c09-345fa6e09f5f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
1e3e6236-4ec5-4e30-8ea3-1bdf90afaabc	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
55add0f-ef18-497d-a2b1-f38763c145b7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
96af31e4-0c4e-484d-b652-8ddf76c5e579	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
12fd3e61-2ccf-48e1-b124-7e536bdfd838	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
432b6a50-bdd1-4b6a-a798-73a0003082c1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
9a99aaa3-37ec-4d08-af12-658621868046	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
ea93eda8-318a-465b-bc09-d58fd68cf7d0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
f53cf24f-1ab8-4262-9ce1-04c76183ea8f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
c2786bf8-2ba1-4d3c-928d-df7f52e3022e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
a6eb32a0-8356-430b-a790-a947d1b82bd9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	130	116,7296
d1de1463-fbd2-487f-98e8-252e97b0c0c8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
c3cfa1c9-0275-4c9b-82e2-410b7db7d1a0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
0852c67e-de69-4b25-b812-dd10b8235b5a	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824

97afcb14-5603-4839-8caf-926e95735a5a	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
6aec5a58-85e7-4521-a8ec-3804a12ad48c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
2e363c5d-5867-4113-a4c1-7cca24c9b14d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
4d99a239-31d9-4777-ac68-8a002fb7758e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
1c3722ca-d32a-457c-9449-1a5d84850197	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
8c499d9b-aaae-4948-a70a-244d4d981af6	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
b054d3f3-10ac-4f1c-84fa-2bdd0c1de931	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
7f995111-bfac-4292-a90a-882d03228a9c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	130	116,7296
d8a1c86d-0093-4330-9c94-aa148fc5412b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
c4c716ad-5808-41eb-97e7-8b15153fdad0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
bc24efe0-2237-48a6-89fc-a92e510dc3e7	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
27e61d04-75f1-40d0-95ed-37b673c84043	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
dd328e77-6e7e-423a-999b-1a685bbfa6a1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	130	116,7296
e27e66ff-8bad-4019-be13-80f232559dfe	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
703cecd6-6186-49d7-81a8-d8edbc2fbef1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
21341047-8fb6-4997-9d24-eb4a8db4bddf	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
870956cf-fc96-4730-982f-b4f7acabc80b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
ea4b40a8-063c-403c-929a-f049bbcef946	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784

d8a69f0b-987a-4bb7-aebf-45561b906649	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
3acafab2-2900-4d34-bb71-ff891eada88d	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
282b283a-c7a7-45a0-802d-563fe9dc83e3	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
5fe67db3-0da0-4323-944e-bd039292a957	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
eb14231e-8ec2-4adb-9324-94b6814b5c4a	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
3de48a57-238c-433b-8b9f-11ce5a10c288	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
92f99003-9270-4692-9796-21609849b90b	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	44	38,6496
0ed64fcb-e92f-4299-a3b6-6479f40680d4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
dc70634b-aa37-4711-b75c-f6b4ebb57917	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
a2a4a54d-c6dd-4357-ba46-3652147cc244	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
e284721b-5536-451e-a502-44fdc6f653e0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4fadcae1-62bf-44b5-a5cc-1a41b5ee2828	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
8f3d7575-e29c-4a65-aeed-0784b67c34a5	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
7699c3ed-b037-455f-827d-d6ad91a81efb	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
d84f46bf-d71b-49a5-bcb6-b5df142ea5b2	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,5	88	47,9776
ab07bc70-7415-4c55-82cd-ca8627bdb419	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
ccf0e72e-8d7d-4776-ae42-9cfc4fe06d05	high activity clay	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	0,5	88	71,9664
a6efd897-1623-410c-8c70-afdbe4240229	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552

47bf60c3-9c17-4a91-b1f5-6193f0a81e59	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
5a58e0e3-f9a9-45eb-98cb-0e45c88a2cc5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
dc926d05-f71e-42c1-b623-b643cc5f4617	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
b81fc200-3e9b-459f-9f1f-d078d401e63c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
d758bce4-815a-4690-a1b8-cd6a673f1f23	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
59ee5137-316b-46b5-977b-ddd6b7ff8be2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
754d818f-02e9-45ca-a8a8-b0496424093b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
e729b50a-ef4c-4693-8788-d49517c1dcda	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
d3d97297-6be5-46b3-a0ad-31be17859151	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
32d4fe38-94cc-4e70-bec2-20850eee37f5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
1f97bb4c-e385-4691-9b87-2f161fb71b00	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	60	134,688
2d25fc4-a0d3-4e39-9b22-dd0d61400055	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
a45fe999-4ca6-47a5-ae55-50b314b50929	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	80	174,464
aa14c4c7-e27c-4885-98c7-03b146317ffb	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
c8ee360c-10d0-4892-9568-7031cb550405	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
65f4b5bf-0723-43d2-88f6-7184cb487ba2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
2a37ab3b-4882-44c7-b57d-d1fbdf452052	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	88	191,9104
09e0ce43-83e3-40a0-acb7-32730eadf242	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552

a40b0e57-3c34-416a-94fb-7963e68328df	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
5d45a403-da60-4e87-b697-a2917235eda3	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
3e764f93-f151-4b94-9e64-ac33805293cc	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	88	191,9104
ae391b49-1bac-4a53-a68e-cf2077d8557a	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
b86d24e2-c098-44c5-9ab9-c49368ce033d	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1,5	88	143,9328
65a5bc60-77fd-4d9b-8664-3360452f2e94	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
1b0dd16c-65db-4e78-8c6f-a99e51ecc2ac	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
bf607a8d-d463-4fc3-85f6-c155ed7cb3f9	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
fe633ef4-8ded-429b-8d97-066b4732117f	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
1b806807-16a9-47ed-bbde-3032162d7d39	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
3e1a8cdd-5ac2-4ea9-a9f1-c7922a467860	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	6,5	130	948,428
081a02b2-bb5d-4fe0-9b68-f8a90031718a	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
80f46e8f-6abc-4071-bcab-093f8e9261ae	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
5281e3ea-28db-4d86-98e4-e094b9c55748	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
06866e4a-773e-4853-a0f3-331b3a219df0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
b6f967e4-2bc9-44f4-8c07-e2afb985cf6a	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
9da0e460-e825-4fe4-90c2-70cb4a1bcd4	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
6fa7b0ee-eacf-47cb-86c5-4206fa744d03	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912

c5023506-8b19-4e4e-9432-c23c14945536	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	5	130	729,56
c6334800-374c-4c02-8067-656a553f6ef6	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
df03bad8-bb47-48c0-932f-2bc8694d9695	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	5	130	729,56
b374f3fb-1471-450a-88ce-855cee0c8e4e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
0d6840e7-83d6-405f-8639-a8f082d68357	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
37bb28e1-3760-4c1a-8e1f-737282ad6103	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
59c6b2ec-7ebe-4cbb-9c6e-136de1a8e5d7	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
aab6b38f-187f-4dc0-8d0d-dc9bc153c937	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
5cface72-37a5-4183-88f4-01fec8d39852	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
be735ce7-2a8a-4a43-94e8-98707798fa60	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
d60939c4-6a80-4ced-ae18-5ecd84516828	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
996f61b7-92e0-4c69-acd8-244864c4f69b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
b92ae683-94bf-4682-bf7a-c2390f105452	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
506c0c20-c229-49f4-b467-2b826f1c163d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
e69e3f39-c305-434f-9765-fb9d0763c845	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
2a7a1e25-15f7-4c3b-a5b4-457d761e71c0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
bd9aed05-2a4b-482d-91e5-f7e7bddb4392	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
e6ace4f0-ca1c-4c18-86ed-665c00f791ec	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824

4ba7a1d3-89a1-42f3-bf62-7afc0a91f178	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
d5156d08-6dd2-453f-9509-f1af4f73a272	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
2c86e519-3bd5-4f06-9a2c-93fff571eccc	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
6a09b4bc-8e6c-4fe7-bf08-2301f0769ec2	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
fba8bfb-7ff9-4189-8345-3f5a4ee9a982	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
543cf641-4cd3-4326-b317-8f9aa2aa3e47	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
fc16c2c8-a6bd-44ce-afc3-753bd0789184	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
497d9367-ec48-4841-868a-c668d7581ec4	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
eb416e56-b11e-478a-96f4-c98b332b57a5	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
befc6d18-216c-4ec7-ad0e-ff0b85a8e464	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
10923bc0-99f9-4b2f-972c-0011cf07605b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
70619f7a-0308-4016-95eb-9df5475a5f7a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
89fcaba5-4f2d-408c-9856-1488e4955959	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
f7a61e6e-2ac4-48f6-bdc3-c2cbb2c9d4a3	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
46b5aa64-9073-4486-9bd9-a2f844357b95	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
a8ebdb86-1196-4a7e-b002-b973919010ea	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
b2007f3b-a503-48ee-8e8b-142756f34069	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	44	123,464
2bfb5088-5d17-46cb-a276-78c14bb3b962	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

f143eecf-225e-466c-b66c-1d6195768774	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
93648036-4b8a-4076-bc36-e85425d56fb1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
35859177-5ff9-4e5e-8956-35402cdb72c0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
6be94362-f28e-48b5-a5a8-ce7d726c83f8	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
91e10738-0a1a-45d4-a1a0-d59e5b80a3b0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
168dedc3-6e51-43e7-beaa-2650f5a6db6c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
41ce5ace-1726-4faf-afc8-7f10f66bae3d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
fed8b7e8-2e97-418a-9f6e-4d5fa4daca12	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
ac4e4cd2-9bf2-4773-b18e-2dfa39863140	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
4f5fc955-5e7f-4e31-94ff-07af921b4974	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
f7b94582-ef7c-4aa9-9422-b0610b86f5eb	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
f33ef090-8f3b-4ac7-860a-d5d3266a8214	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
4842fa8e-e441-4d3c-8975-e931dbb460b5	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
a300de6c-84ac-4566-87d5-a8dd7ed30ab0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
c14d55c5-fa2d-41c6-b5f6-1182e98f45ff	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
58a0057f-0160-4030-9862-f1ce2bf048e9	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
e3247683-f866-42e5-848d-324016db1270	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
2a655aaa-cace-42e6-a9d6-4cd5b878dc9f	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912

f8a756a0-0a6e-4abb-92eb-2a0d3180feae	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
800daf95-6c4c-4ef8-a183-c5eae211d73f	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
0163ae10-663b-494b-bf7b-48933e2ff43e	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
c13d71ef-92f4-4614-8241-40bb84e0aa12	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
54da94b2-0179-4f1d-b479-ff482a1ad049	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
a2f8df57-e2f0-46fd-8fb6-d25dca4bf078	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
0ff23e5f-241d-4334-b4dc-c7cade8111b6	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
b6d01105-d58f-421b-bb9e-cac4131979d6	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
202aec42-6a5f-4e0f-ad8e-41176c92c112	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
be900990-c75b-4c3e-a86a-56ae4be0daba	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
f2c1a14e-b765-46e3-be2f-e354377c79f9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
a7c1f765-d632-4268-b55c-c250ec7b6fcc	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4387ac11-82b3-4198-9def-dbf2085e06a6	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
9bd14e9e-8e9c-4278-b217-1d9ffc7c434b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
3b735b69-9571-4568-ab71-af5feed28344	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
44c11273-ffdb-4d2e-9428-00b372f8d3d3	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
06623330-1b2f-4f6d-bc64-ef782aad8e1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
68f07c9a-f010-47a5-94d7-7e7135d48d0f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

68108785-934a-4417-b0b8-5943fc8c8829	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
d50c8090-0e69-4bd0-a232-b19627f78af8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
38c7ecbe-c500-4e37-bc63-71debb685c16	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
67117cfc-eb2a-4cd9-9fa3-a3f5503f61a0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
40ed3583-cda0-4492-a522-5c6da47c7c0c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
daef42ec-3359-40f8-a741-d1452e665a36	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
cd471764-9876-469d-943d-a91d5de2a6c8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
c5ffc7f8-106e-4073-ab87-07136e7fcbd5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
5d35af29-cb58-44dd-b76b-a4d97daa1840	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
0c42e6a0-4e29-425a-882b-9c9d87fa780f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
2ede154a-2c26-40c5-89af-deba07a44d56	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
921ff78b-d5b6-4074-9c61-e04550f94075	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
69ea7de7-e026-4774-803e-17b266db3c78	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
e617436a-26e6-46cd-8888-d03aaff3c3d0	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
41d87f40-e826-4cf6-8ae9-8028806d6ece	low activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	60	99,36
6e125d55-c293-4474-8174-40837edd16cc	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
ada34e85-338a-4c83-a959-26bf22380117	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,2	44	9,87712
b713036d-8ff4-4fa2-a821-25291f3b1c9a	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	4	130	583,648

a96b0796-b9dc-4944-9b0a-c427ff0d6c85	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	4	130	913,536
666f23e0-15f5-4abb-9e41-02889450d2e1	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	0,75	130	161,46
63c4d3f1-5de3-4061-b4ef-73353d05589b	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	130	68,77
f9c3b56a-1379-42cf-95b2-0c3ea962ebaf	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
ffbe9d64-7bd2-40f5-a092-69883f0cedef	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	130	79,3
da51cbad-6e75-48b3-b8fb-db724c3e0556	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
949e154c-82fa-4af2-b059-aa8f0e5680b2	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,75	130	112,125
913ecd17-1926-4fc6-b461-09f47d695d2b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	130	109,434
46dc9e06-51a9-42d1-b816-64ee9b4698cf	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	44	37,0392
e3ed2598-d88e-4326-8cc2-447173536d95	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
8466df0c-0321-4740-a3ad-64b37f9b77b4	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	4	88	383,68
a868f44c-c42e-417a-a62d-58cc13a9a267	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	5	88	479,6
cca7b06b-865b-4656-adb2-1318b60d6eb9	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	130	237,9
920539e8-659a-4ff3-8f9e-d47dc6e02bd5	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	130	114,192
a38771af-4aa9-4099-a91e-48bf9c61233a	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
6c6a5c28-4ff1-403b-90b6-77d1dce3eddd	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
49742c97-84fa-4520-8a83-3550d111cdca	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
eb2b7e24-6d15-45d3-8064-c14e35ebb9dd	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928

5e63fd20-dcc5-49ec-91e1-f11dc79d1dcb	high activity clay	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	1,3	88	175,82136
807cc084-fdce-4b91-b9bc-e6b3184dc006	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	2,5	130	538,2
c984a36b-e864-47cc-94bd-d47afacf759b	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	4	88	408,32
08747e2b-1518-44e2-a59c-8d30a6b42a3a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
b895aaa4-3687-42f3-8d75-d8f1f22ff685	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
becb19ee-6a36-4671-b5f5-3674b90a9a97	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
a5cdf926-1241-4aa2-99d1-e3a6c2695d76	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
32b00825-a9ef-41f4-a778-e911787356ac	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
beb99252-7769-49af-bce1-cb21254943f3	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	130	114,192
46900b9e-5457-493e-b51b-b67afd430d5b	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	130	79,3
ba9af487-1fa6-4421-8f91-b0d3116a019d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
5af34ce8-7f9c-4885-8319-0165a915619a	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,25	44	19,3248
73335e27-f331-41df-ae35-266463d7a37d	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	130	456,768
2478f7b0-13d5-424a-ac5c-92657aa51b7e	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	130	79,3
4f5c42d8-25a4-4981-a4de-4aefd5a82e81	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
fc1b9ed0-bc9d-44ab-8bd0-9f2b85d6b347	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
037617f9-1d14-4dc1-b46a-bdb55def0163	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	60	138
ea005098-00ca-4f82-8e90-8bf096f3e33f	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48

bdb50bd7-8806-4af2-832b-e94b26296de8	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
13808f52-aa5d-4d6c-8b8b-22000006c487	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	130	215,28
1be9c948-8082-4ef1-bd6b-74b49e81390b	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	0,75	130	118,95
6ee0b6ba-5a1a-4cc1-82c8-859b4b68702a	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	130	114,192
c7edba2b-d8c8-4378-98fc-fd678aa8cf23	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2,5	130	570,96
e13a795e-494a-4890-b023-f89cb2403222	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
fbde7d9f-70af-4c3c-b77b-8f127d8674e2	low activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	60	52,704
50f8648b-0d59-45dc-84f9-97f3e44bddf7	low activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,75	60	79,056
d60e1784-8005-4cca-a8b2-b8e7209046bf	low activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	60	105,408
beb1142a-cf82-4206-a3e8-ef351cdd6eaf	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1,5	130	342,576
051a35bd-2cbe-4390-b523-5a61f6adbc99	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
8b29879d-a250-4aff-b8d0-51a880924b78	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	130	114,192
7c2c71c0-8993-4123-b21b-21d95a0c3171	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	0,75	130	118,95
d8454dfe-2c48-4b61-96b0-f45b980e63f3	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	2	44	145,728
a44ac80e-c2dd-4ac3-99c6-468a97e02e12	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	44	75,9
120df561-2dba-49a5-b7c1-c963e7cfd147	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	3	44	151,8
3c94c87d-5aab-43d4-b987-33bee37c00a5	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
19063fad-0015-4849-805a-c865690c9358	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5

239846a4-792f-430a-bb6c-0bfab799e8ff	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
c2c93366-2ef5-4aa8-ad36-2cf9d9d3d0da	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
0eb1c428-ab0c-4bc8-b80c-66e07068d1d1	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
ccd0a64-844a-4008-8a51-a6af4ebdea07	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	44	123,464
094643e8-8987-48f3-abd7-b1f1bd52aaae	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
00fad625-af7b-4626-ba16-5280a2328c8b	low activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1,5	60	158,112
4108fecd-a20e-403a-9e1a-e6243186a79c	high activity clay	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	1	88	135,2472
bd25903b-e099-4f94-93ed-dae8551bb83e	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
f3b5ca9c-b500-4299-a482-a335d0ad1cf0	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	4	88	383,68
1705d9d2-155b-47bb-b13c-2c681d5a6af0	high activity clay	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	3	88	431,7984
5d618f17-b55c-4541-8868-06d0b9a6748b	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	60	109,8
e9c45c6b-eb1c-43a6-b33c-b460182d4488	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	2	60	146,4
9a7144f3-1ccd-473b-8462-b1c06ab6c17c	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
7803904c-aa45-4641-8aac-08a3e0c30c09	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	60	95,22
9253088e-741a-4166-b568-d1a7b6e5687d	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	4	60	269,376
049c5946-05a0-4442-a2e8-14203f587565	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	60	138
bb863271-e967-4a60-9296-7331535cf9ba	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	60	69
b1bcd839-c014-45aa-aa99-7c44c383a7ac	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	60	138

395bb439-f4ab-4c01-bd21-763cb19889b1	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41		1	80	130,848
80bd4cd3-b0fe-46c6-b8c0-5fd724f8ab4a	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		1,5	80	130,848
d5739916-3fbd-4589-84b2-135dc9e76459	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
a920b68f-3031-4808-a54f-405d70744935	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		2	130	291,824
f92140ac-b9ec-4584-87c0-edb2d896dec3	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		1	80	87,232
0cca34a4-2372-4ab8-97a2-26fd4f6de7ec	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
8a2653ab-e0df-4ccb-bce2-9c853283ad30	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41		1,5	88	202,8708
9a46c952-43df-482c-b380-849595ac30b2	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		0,3	60	19,044
2c3519ce-433e-43e3-8a58-0cba8aa7ebba	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1,4	60	88,872
527ad785-c89c-4686-964e-bd0d9a250c71	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		2	60	126,96
cf94dd32-c455-46ab-a6f6-95c1e6e956ba	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1,2	60	80,8128
a55a95b2-e511-4594-b6e6-18ec6261d40c	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1,3	60	87,5472
7e29c64b-458f-44c8-bda1-e737499e11e1	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,8	60	53,8752
edb3079a-b4fd-455d-898e-4b28d871f51b	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		0,8	60	50,784
d6055020-a1bf-479e-be50-4789e2861162	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		1	44	72,864
04f97f59-be73-4230-8337-d41138450b68	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	60	63,48
bed11d84-94c4-4a09-a097-8b03a3208a63	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
b7fd36de-d755-494f-aaaa-092e709749b4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1,5	44	74,0784

2f4fe9f1-3e0a-4fd1-b831-74d2b87a70bc	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
89fdb22-c3ea-46d4-9e65-40a7378f26c5	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,7	60	44,436
b53258a1-e700-41f2-9d9b-81433f4b39a2	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,2	60	12,696
53135131-cd74-4202-a8cd-6cc5eec448ed	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,2	60	13,4688
08dd641e-a343-4b0e-b646-3b853debbfd3	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	60	31,74
b801a64f-e634-4d2f-8db2-3402d44723b5	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,2	60	76,176
4a4388eb-9ea2-48a1-b845-9a41ba7636aa	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	60	95,22
4d91558f-fae8-470e-8263-c9e791792773	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,8	44	37,2416
01cd06b6-918f-4404-acd0-ecd9e981ae8a	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
ba7e4e68-ec52-4a82-9f6e-c7abc24d5f38	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828
e54c9986-a5b2-4c81-a71e-a98ea88106b6	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
a747800a-5aae-46f9-a0b4-008210653e2b	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
56389f3a-3150-4734-b7a3-c39b5dceb359	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	60	126,96
e1364ad8-3ecd-4822-bfa7-790e5e797071	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,3	60	82,524
d9d06afc-8a26-4dfb-8c6a-22ed1c2dbc96	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,7	60	44,436
577f1f9b-b23c-4912-9024-82a68b7c2f72	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
f52ed05a-8c7e-4fc5-b849-c70c1a234eca	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
83cf2250-9e83-42d8-9f2b-06003891d1ec	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992

9aeb0ee6-7a2c-407f-b694-590fa4c0fac8	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
cddcd5a4-0832-48cf-8b17-ebcd5e5f569d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
73532f12-3723-4a69-8e3f-3cdcaabbab0c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
e7a81b99-8bda-47eb-8cdb-9d55a03e30ca	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	44	154,5984
a4d00cbd-f81a-44e6-bd67-ca9eb9dfe664	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	44	75,9
8b66fe81-c0e6-4ed2-8ad7-523998eb47a5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
d871357c-c599-4c95-9522-4c3fcc618e0f	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
c8292ec8-f0d6-406c-ab2f-52a8ac3f3c51	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,3	60	20,2032
6edc1702-78f3-4169-b47a-32523c7bef7b	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
2aa0cd43-1f10-426d-bd01-2e871718d57f	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
74e48c64-3aa5-49b4-ad36-41417b6d3c49	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,7	44	32,5864
93b1a711-30af-408b-9009-8d67400f5fc9	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
551fdeb2-51fd-4333-9a22-43a95a3ee11f	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
408d66cb-7d2b-4658-b324-32943078284b	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
7eaa9110-177e-49bf-a82c-1074d47ae063	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
483197fb-ebd4-4322-ad03-c5e5bfae6d07	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
8e875fcf-6bd6-4047-b773-49c400c1c6d0	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
76f11e46-e158-4db4-a4cf-7db27bb209ed	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	60	95,22

d5ca0164-786a-4a3d-8d25-74383773b1d7	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
b810f613-00b0-4da1-95da-df7d7a6a8201	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	60	95,22
8dd6b878-9444-4815-ad50-e9bdb79c1d32	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	60	95,22
6df9a53c-9fd9-4f0f-829d-04f14b37c559	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
eb703418-69a7-4320-a74a-57b037168c06	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828
a37f7e6f-6d37-42de-8f1f-2c1288f14025	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
b252fe45-a4aa-4792-8852-f3b52f40b3f3	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
24d4800c-b9ab-40ab-8da7-514a06308b6c	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
25bc46cb-3421-403e-9e27-2e5c4a304fbb	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,3	60	20,2032
a0602bb0-d31a-45ce-8e7a-edd638aa9ec7	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	60	31,74
de1523bb-9da2-4c45-9fa3-621eb04c5e75	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,25	60	15,87
2593b96b-4cf5-45b6-962d-1ed940acfc71	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,4	60	25,392
34242b9f-f27e-4a28-9010-95a55a983194	low activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	0,7	60	69,552
375489a6-bbbb-49ae-93ba-3e5f177e7f07	low activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	60	99,36
9b19fb4e-a03b-415b-ba61-d3283676b8c9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
01afe020-7eb2-46b0-b218-28cb2e714244	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828
9f3550cd-f303-44f9-8ee8-b38288a7fdd9	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
3fb229d9-8ccd-4ac1-8d24-d6ca4bee6d62	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1,5	88	143,9328

d5439f96-1da2-4ae4-a403-928c1ec33f6d	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
a110e0a8-72e4-45a5-b09b-7c625a29c21d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,2	44	59,26272
a9cb3e51-e8f9-4bda-9248-63a4eaa78b20	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
7f259d4e-9fc8-4366-a1f9-dab5e35e1226	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
0ae386b2-c079-44a6-a5da-bbd752f74a3b	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	3	80	278,4
c2eb8baa-603a-4044-8724-7d41ca96ef53	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	80	92,8
d82a7fdd-8e53-40e5-a49e-2707095b09bb	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	2	80	185,6
caf9dc0b-0936-41af-bd7a-bbf4d740d0c2	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	4	88	408,32
4592dac0-7c27-4e5c-9659-7a19f33ad479	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2,5	88	239,8
c262e0ba-6756-45de-97e6-e79139bd2b27	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
dc5067df-dc52-4290-9d86-339b7e34474e	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	2,5	80	232
87c0fbed-1339-4fe9-a076-7b52e6b6ceb5	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	2,5	80	232
a91c0bde-44f6-4840-b780-7b3bf6127f13	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	44	80,52
9c55e297-424c-4deb-ad06-c504399f73b4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4a952928-1695-451d-9123-0ee95ef5b918	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
e25b33a9-9cc8-4bff-a5fe-6a8cada89aeb	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
899272b1-9ada-49c3-90fa-d8b729611fbd	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
7e99d3aa-90eb-45a3-8f09-8a35fd75e05e	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	60	53,8752

b1772023-ee0e-4166-b48e-e1787a5878db	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	60	202,032
aa0c737e-9b73-44ff-baa2-3e68a4c500e5	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
25af8ab6-cdc4-49c7-a150-15acd821a0de	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
d12caf14-3cdf-4741-89a9-4dd2fcddd5e9	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
791c86c3-be78-475e-813c-f458521d5431	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,7	60	47,1408
9340b3d0-5d24-4a8a-88b2-582fa83feb57	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
21fdabe5-f27e-4367-967d-3827d6e0fecc	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	60	202,032
5c38cf09-4b1e-4600-bc8e-a27fa647fc3e	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
3fa7ee98-0761-42de-8177-aafd6eb31515	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	60	33,672
ebd2c0db-44b0-402e-a040-1f5f3d32cfe5	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
5be567a0-cb0c-42dd-80d6-3a68a0a225e4	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	60	53,8752
34d12d9f-3eb1-4c67-8f56-9f070bf1755e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
8f49a373-367e-4819-9468-83d527a0d12f	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,25	44	58,19
62daa15d-a087-421b-9a91-a61aacad0866	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	60	126,96
00ca4b82-bc0f-4940-8b4a-63fd33de1a5f	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,7	60	47,1408
0d5c34a7-6427-4d27-b50d-dda6d2a29055	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
4b1be83f-152e-45c0-a25e-b1c591b516e6	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,6	60	40,4064
2ebabf9a-0d95-4c27-a93e-f732dc5877e8	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344

3afb818-723d-4ca9-a6f3-794c42cb1972	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
fe337eb8-1d0f-49e1-88a3-3856742d03f5	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
cb4def29-606d-4ae8-b7ef-f87b4fbf1e8a	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
08db0b48-2a77-4a20-8848-08d53e360e43	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1,5	130	342,576
a613fe99-dfe3-4531-a326-8ad4d9340203	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	7	44	345,6992
96d28933-0a52-4242-bef6-970d7fd6764a	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	130	215,28
19c44f79-ecbc-43bf-8447-1ff45e8ffbcc	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	2,5	88	239,888
a4dd6e0e-27b9-48e3-b995-8fb3bd14c3d2	high activity clay	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	2	88	287,8656
f4839633-f9e9-4f7b-93b0-61af283d9a7a	high activity clay	Tropical Montane	No_till	yes	High with manure	1	1,16	1,41	1	88	143,9328
0a9178ff-0242-48b0-817e-04399e0a3490	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,25	44	67,1
9559ddc1-dc49-4eba-b79d-83f970ec59b2	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	130	109,434
3744f646-0101-42eb-b905-7c9365d8b773	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
7896e397-dfe3-4b4c-95a6-58b50c7863f8	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
3a79077d-26e0-4fe5-a4b9-68449e1ed050	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
3612f0d9-b4ee-4b72-a4dd-56b790d67cee	low activity clay	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	3	63	290,4741
0f50f50f-e2a3-423b-acf0-6f7c95636cfa	low activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	63	137,34
a26236cd-4ac8-48b3-b3e9-21534b040ebb	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	60	69
96230480-e1a8-4004-b157-ef6477b182ff	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5

e735e8df-4c14-405e-ae46-d2c6fedb6ce2	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
5cb7a655-903e-4882-b587-a295d57a505f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
8232d5e0-c9ba-4e79-8d3b-65ecbbba0310	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
db7510d7-408f-4855-80fd-707f394c3701	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2,5	88	338,118
05609f4b-0640-41dd-934d-ae36e23cb578	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
4c3bf3cc-ff85-4d2d-b1ab-b623828c9bbb	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
efc9c364-abdb-44a4-a963-7e44b758cf19	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
2ae2b439-47f9-41e4-9f48-78dde5932114	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,75	130	171,288
a3bbb0c7-7571-4c85-99fd-d38afa3dac2d	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	44	72,864
5e31bd4d-b586-4551-b0e7-f0a28538e434	high activity clay	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	5	88	676,236
e25d427a-5b53-4ee1-ba3a-5b7b48098d11	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	3	88	287,76
cdb6b2a1-8906-4e6d-997f-861f4892fea8	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
fd4f8d2f-aa31-43c3-a9c7-16d320383f50	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	44	75,9
41a81dfd-7d95-470f-a020-524ef2049c89	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
5010e98e-ec97-41f0-a3d2-562fb48ac513	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
fc0b1ab5-f056-4eeb-a460-dc6d09cf00e5	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,75	44	37,95
f70b4539-f403-4d4c-8d30-39258af4aa82	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
ff4421f2-f417-4ed1-9e28-123b5890ea54	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864

bafd38b8-76c9-4e12-9344-7045768ac4d3	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	3	44	151,8
25fa247b-60d9-49ef-91f8-5b40d76dab3c	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,5	44	36,432
bd72af0b-3ce0-4ae0-9f6c-b0852046ced1	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,5	44	36,432
4a0c3a23-b2e8-4ee8-b7df-db62d607aa3c	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1,25	44	91,08
39bb621e-36d6-469b-8a2d-2e7891301581	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,5	44	36,432
38534155-2a9d-48d0-9d5c-62b0536fa029	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	2	44	145,728
af215ac0-032a-47c3-b453-dc0fc57a3e1a	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
277081ee-00a3-4e88-a3e2-e3dbd18a6abb	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,75	44	54,648
617f0028-93da-48e1-bf6b-a35e1a5f3785	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1,5	44	109,296
544cf4fe-5066-4573-9548-01516331d291	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
d4f143a5-5d63-487f-8775-a67a8f66e34d	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
c24ead32-752f-4116-b79a-7af855232aa3	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,75	44	54,648
0a655e26-45ae-4ae4-9365-0d8ae20f3c60	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,75	44	54,648
af64e778-e32e-4a99-bfec-076cd55aed5c	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	0,5	44	38,6496
89a1edc2-7485-4053-994d-4faf873f0386	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,5	44	36,432
7c40f312-0d57-45fa-a7bd-b28b20f87442	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
3466d0d4-80b8-4dc3-afec-adc9ac9ae75a	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,5	44	36,432
f3d85933-641b-4940-9c50-f4128753aa74	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	2	44	145,728

6e5c873e-50c0-4ee2-a1ef-3450b64a29f3	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1	44	72,864
348ea31-24c1-4e94-a303-d9e8fdddca55	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1,5	44	109,296
a2701f78-bdc1-4f6e-8ebd-a5c7e6c6ec4a	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		2	44	145,728
3d7779c5-f3db-4855-ab92-dacd39bc8366	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1	44	72,864
4a69fd7c-30ca-41a8-a580-729cfba73d16	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6
509f86df-665b-4d78-985e-99240c3fe062	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44		1	44	77,2992
c1f27a38-0dfc-4275-8ba2-3f895490fac7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,5	44	24,6928
9af7362e-9c8d-4cd5-a778-6ffce871439	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,5	44	24,6928
bfb280d8-8f9d-4e81-92c0-070cf2394256	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		1	80	87,232
dd2d94b7-ec15-4452-aa2a-29e31b898082	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		1	80	87,232
f5709c5f-0af7-4c25-8b88-3982ac0dc5f7	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		1	80	87,232
7cbdecef-fc34-40f4-aa8a-cbf7caf03dd3	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		2	80	174,464
d4e576a2-6528-43df-8ca2-1bf20382b8f4	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		1	80	87,232
d17da54f-9372-4605-a9e5-9fc382684717	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		1	80	87,232
47949d6c-3ea8-4467-963c-908077ba0fa7	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41		2	80	261,696
dc2c2424-ab49-40fe-97d2-242ab75b1eb0	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41		1	80	130,848
d343b7b3-7408-46e2-8bfb-f2d9b0b15342	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		3	80	261,696
82c9e133-19a8-445b-be88-7f477bd3e2f4	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6

68211a0e-4b75-4222-a621-76a481d484c8	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	80	174,4
5da2305a-f704-4e8e-93ae-c3844f8ddcf0	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	5	80	436
0b46c814-ed82-4ecd-9d05-7c0538c1937c	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
dfc94ba0-ad17-4055-963a-6da58d3001f0	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	80	174,4
1b30dcdb-ce78-4e84-bbc3-727400106843	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	3	80	261,6
0f17df56-c75f-43d6-9d96-277caa1c5669	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
a7d51cd9-7f48-40ed-b960-34e2456e97d9	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1,5	80	130,8
32753069-db30-4028-986a-64c10014d418	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
9264a6d8-faba-4622-ba72-ea2a10006130	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1,5	80	130,8
30672217-a0bb-4c04-b288-89a76cc1e711	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	1	80	130,848
e473707a-7177-41ba-a814-d8c88e93fc3f	volcanic soils	Tropical Montane	No_till	yes	High with manure	1	1,16	1,41	4	80	523,392
ee4fa7ad-0051-471d-81a1-fb21455d75a5	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	8	80	697,6
bde67a2f-82ae-4702-8238-da0d093b02ad	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	80	92,8
7fbb9875-73e9-46c0-8776-80cd31230aa3	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	3	80	261,6
7e542174-63b5-4086-9239-251e51a65956	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	80	174,4
1d05eb2a-a2a0-4b5d-a7ee-46553f0adc0a	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	4	80	491,808
e33ffb35-ea9b-4e08-91c0-f7fe85c888e0	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
963c03db-2e6a-4fe1-9485-ad05effdecf5	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	80	245,904

878f3fda-241f-4a06-a27a-5d7d2fca354d	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	8	80	655,744
2540d00d-d2fb-463b-b4af-f42c064d53ad	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	2	80	163,936
d4952fcc-c64e-46f2-9ab8-84f7a5790fc6	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
1600ecd6-8694-4f82-b6a2-177f2a2a0688	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	3,5	80	305,312
cc573b0f-8973-4775-ab8b-729ac5b661a4	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,75	44	40,26
9b86835e-47cc-4876-bb77-707781905693	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
c3864a98-c242-4678-b41c-19f1ffc08698	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	3	80	261,6
67d09b69-d984-4655-a197-208cbfb8a9a0	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
7dff6e62-7930-4a2d-be4a-7d4fa36ae6b2	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1,3	130	296,8992
489cb9d1-4636-4dae-8169-c2f4b813bce4	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	5	80	436
71814d4d-4197-4c61-a00f-f5d47dffe841	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
44dd9555-49c6-48eb-bc7c-37b9daa1207a	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	0,5	80	43,6
ca39acb2-4374-4461-83d0-76f8f062bee1	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	80	174,4
73c30357-c9bd-4de0-a399-b1cf94a1e7a3	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	3	130	448,5
0b6584e9-80bd-4eeb-9f8a-60ec70c5008e	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	130	74,75
b35f795a-3f9f-40b4-9612-7479cb2a9486	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	130	215,28
feca8a9a-7358-4620-aeaa-f131bba0d00d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
a073defc-7880-4c70-aa19-df56a09b3720	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	9	130	1313,208

61c8f07c-d709-4ad3-8ff3-a1b6360a8d36	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	80	174,464
1b693d23-f74d-4654-9b3e-c44520950809	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	80	174,464
27dd5596-b8cd-4b04-b48c-4d6e505879c2	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	0,5	80	65,424
4e86dfb9-bd3a-44b7-8083-9e0ecdae82c1	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	4	80	348,8
e45243ab-56e3-4478-932d-3e82b597ab67	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
3582b3ef-6052-4a2e-9e86-95ea1a662117	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	80	174,4
dffd7775-94ca-4452-89f4-5073b2c9d6a4	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	80	174,4
f3c7adfd-2228-4463-9546-aa28228f2f6b	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	5	80	436
cf3143e4-64e1-4c2e-a33d-1bcbf2c70ba0	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	1,5	80	196,272
bcdba739-0cad-4745-be32-8307128332d9	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	3	80	392,544
0ea0795c-c64f-4a6a-8cde-697b2ab5638e	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1	80	122,952
800544df-a428-4fa2-a163-b8853a484b9b	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,5	80	40,984
b188fab3-7b1a-4b4f-9231-dac99680aab7	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	2	80	163,936
a9dc0614-faff-491c-90f4-90fec37960b8	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	2	80	185,6
f4f8e9e6-8066-45dc-a097-bcbde4c75f48	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	2	80	163,936
99d8cc24-9c3e-43c2-bb9f-bf59ec5e1034	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1,5	80	122,952
6d4ba56f-1703-4600-85f7-ea25d139f7da	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1	80	122,952
affa5eac-8151-4f7d-ab3f-48bafa5a3b9b	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1	80	122,952

2fe5d91f-4e69-41bd-b44b-c1b4fdf52b24	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	3	80	261,6
14a543d0-2c4e-4d31-b9f0-9901b01adb7d	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2,5	80	218
a0be2402-aec5-4ac8-9c3d-8785d922be3e	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
20417bf0-7a71-404b-8b63-de79dbe28b1e	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1,5	80	130,8
00b3d007-39af-4e98-87bc-a051a47ae406	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
fce76333-f988-41b6-b72b-9657469279e3	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
2d4d63a1-fe15-484b-bd4b-84fb3bba8aba	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1,5	88	143,9328
15f5e7a6-0392-422b-a6f8-053d6e6f60c7	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	2	80	261,696
84f10075-f6ba-4768-8027-5acddee3a767	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2,5	80	307,38
9922e36a-8b67-45f1-9282-43d3fe936e3d	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1	80	122,952
7c023f13-6be4-42ba-82c6-ec9a9800361c	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
889cc12f-c9bd-4f7b-97f3-839c04e59d94	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	2,7	130	581,256
a6bee5c8-5883-4fd7-b116-3069d4dd6321	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	2,5	130	538,2
3a819c5a-b1a6-4a2e-b1a5-4c5b912b556d	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1,5	80	130,8
a78dd3cb-4d8a-4add-a7c8-34b5061704fc	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2,5	130	373,75
e33cbc1b-830b-45bb-a4ae-0a4c6429c226	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
d5d5ab96-72b4-4c65-88cb-30fa8425b2e8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4b7693ea-c6ac-4d72-bf10-d4071746a138	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1,5	44	115,9488

c97d4c54-b210-41d1-a6f4-faa9e4df4c6a	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	9	130	2055,456
870f982b-34e5-4747-980d-1aa21dea184e	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	3	130	685,152
34fbf9ec-c00e-47e9-bc6a-e56aa12a9329	low activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	2	60	198,72
8431cc1d-3e0b-4e23-983a-973702fde78d	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
3bfb7ca-96bc-4717-ad8b-1880c6d10c6b	low activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1,25	60	124,2
bec86791-8381-4475-bce0-ca7267804227	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	8	60	507,84
ef58e4d6-5e68-4129-b724-73eced413ce8	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	60	134,688
ded0cbd6-25ce-4045-adca-3efcf65882ce	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
b9558c61-c5ea-46ff-ac3f-395361a8320a	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
f822339a-e8bd-474b-9749-b3b79fae28dd	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	60	109,8
48c1088e-abef-4205-82ed-d2226b87f931	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	2	60	146,4
045f4c3d-be33-4f40-92d8-b19799ed729d	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2,5	60	172,5
b36d16d0-a81d-4289-978e-0efd23915563	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	60	138
6f1aad15-6754-48ae-aea3-d6f261672619	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	60	36,6
592e50f7-2f2f-4137-acda-5f4034372c5d	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
e053f873-8b46-4527-a46b-eab2ce549b85	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
3a8a4194-d06c-4ddc-93af-00fa98afe651	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
531dc7de-8435-44d7-b575-b215bc52215d	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864

7ba04b17-f006-4e64-b405-601a9025b772	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
6e32c291-220f-4b8e-bf15-e2c4f81a98cf	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	80	92,8
f06065bd-b741-483a-9d90-204cd7dad26d	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
4af0cbc9-6882-4eec-b733-dba6a880c22f	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	0,75	130	161,46
50b67fac-9c98-47ed-acf4-0754030a665e	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	130	456,768
d96d411c-a48d-433c-885a-9542cd4c1a73	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
d89d8aae-2f1e-42b9-bc5d-dc157cba52ef	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
be87669e-bd82-49ce-a7cc-0bef01986324	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	1	80	130,848
402676b9-d09e-4ec1-ac5a-60053227c640	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	0,5	80	65,424
24a8cef5-56aa-4f66-bf9e-019f34f40d97	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	0,4	44	30,91968
8cf962de-ae23-4423-8f91-4bdb849bdc8e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
d15ab459-a975-4cd3-aea7-5ac765e1e41e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
d65dfd7d-397f-4dcb-9ddf-01939571c620	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
d448127f-67f9-474c-985f-551014fde618	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
3593d7c0-ad6d-4165-a326-f141bd44260c	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
9b6adf40-1b7f-465e-9ef8-d5f8bc239da3	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	3	44	231,8976
c96bd993-ff91-4104-959a-3b0f5ab987c7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,25	44	61,732
cc54a381-65ae-48f1-bc30-40144a39f379	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928

c3fa326f-4a7c-4844-9db3-ce47e4d43375	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	3	44	161,04
5ea1c340-d817-4fbd-b0bf-5b4f5c424a93	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	44	38,6496
65d69642-7495-4add-a189-3f59d258f31f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	44	80,52
7ef9bb5a-e7f5-4eab-a454-03be4cf8004c	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
cbe11177-a28c-4785-a299-04c815d4c4dd	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
18913f8f-eb6b-4cae-845b-0aa60d132fd4	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	44	38,6496
21ac5ea8-af2f-4ab2-a243-785fd7e9f3b7	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3	130	412,62
8408e85b-08b8-457f-aaf4-113b7bc62549	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
0d23a091-6391-4d28-8f99-f9b6ce65510e	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1,5	130	342,576
53d3b5d6-5465-4376-a60b-8f290dc4b2cb	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
b17a762c-d63e-46ba-9036-7a45c07eaf4f	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2,5	44	126,5
fdefd665-0274-4da5-b7d9-a8a1f0d892d0	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	44	75,9
9cf89f6d-35f3-4c3a-b01e-0524125a75e5	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1,25	80	109
30c50277-3e96-4ab5-981f-f1d10771b8f1	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1,5	80	139,2
2a2f57b7-4d5b-486b-938c-17b4255decc3	volcanic soils	Tropical Montane	No_till	yes	High with manure	1	1,16	1,41	2	80	261,696
320dcd25-0942-4532-a64a-bb266efd6c9c	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	2,5	80	307,38
734a6e05-c3bf-4ac6-a951-98c6308b1a21	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	3,5	80	305,2
752b8c5f-c743-4011-9e3e-3ab185e14615	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	80	174,4

9ebc9b61-cebd-48fa-a0e7-4e1b0d4b65df	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1,1	80	102,08
da3c798f-c0c6-4338-98a6-ca2b79985dd0	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	3	80	278,4
7eb9b3fb-ec39-4161-9aac-fd6d31bd1881	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1,5	80	139,2
b88a3d26-1d78-4cd8-9ede-48e237ea1c7f	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	80	174,4
56119f1b-9d95-43ab-a185-136b3b622d94	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
9a571e8a-2670-476b-8ec3-e01bdcfaa7c6	high activity clay	Tropical Montane	No_till	yes	High with manure	1	1,16	1,41	1	88	143,9328
a8a92202-5002-4b47-a1f4-d69db73f06ae	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	2,5	88	255,2
c551b26b-66cf-4c82-bc6e-edf8f5002076	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	80	92,8
7ec411d4-3cb8-425e-afa6-31b2c691ee17	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
6f6711fa-7578-40eb-8c6d-50e1c9a4046e	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	0,75	80	92,214
dbfa020f-3bab-4362-855b-37b30211b127	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	0,75	80	65,4
eb617c95-30d7-478f-bb4a-c2c0cfbda13a	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
e2ac482f-cdb6-4e13-aba4-361344047ca1	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1,25	80	116
fc337651-8773-4355-90fd-003375ddcd35	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1,5	80	139,2
aea837a8-6ff6-4e18-840f-a055f02081d1	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
57db1543-b6f5-4377-aede-4013a783d290	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,25	130	53,82
6a641379-7412-41ee-8e25-6fe1c6446599	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	0,25	130	57,096
f6feb045-376a-4260-b85e-6d8cfe289fed	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	0,5	130	114,192

11e565d1-51b9-47a3-bae6-26f9a3982de9	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	130	228,384
bc48a85f-e2b5-49aa-bbfc-f763c5c7f0ce	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3	130	412,62
6013858b-c563-4c95-8558-06de5f3ec7b9	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	2	130	430,56
bd15e7a3-c798-45b2-8b9f-9b94075bde4	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	130	299
2bc32d78-0a91-460e-8a00-7610a249f73a	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
84720445-b609-49ea-b19b-8274a30c54e0	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
577cc319-142d-48dc-97d7-cf0f04925dcf	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1	80	122,952
79ca0252-aaac-40a2-98da-bcf800e3e48c	volcanic soils	Tropical Montane	No_till	yes	High with manure	1	1,16	1,41	1	80	130,848
15df62b1-3762-4b63-8894-3fcca7615985	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	80	245,904
b73769d0-cc21-410a-a81c-6dfde2443f53	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
88e8e1dc-f161-4f64-9687-2dec13c5bea6	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
c1a54fee-61cd-47bd-9de3-e57d746b6162	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
d438f584-ab85-4c32-87e7-5757a5fc4c55	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	3	130	437,736
f1bed6ad-8d34-4fc3-9b33-7d02201350e4	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,25	80	20,492
c0c66e4a-77b2-4665-80a5-2c47a887c0a7	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,7	80	61,0624
ca24b539-70db-4259-8de2-672f62308bd8	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	80	245,904
64084077-6308-4c37-b632-8eaaf98d7763	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	3,25	80	399,594
89c29767-9d86-4673-b686-1ba06b6a95fc	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1,3	80	159,8376

04184698-e033-4246-8b9b-e088d4246f30	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41		4	80	491,808
bf895f55-93be-42e9-9557-c4ff3a9f9427	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6
3ab6ada0-46fd-4940-9fff-ec0c753c5c01	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44		1,5	44	115,9488
6ae44a99-2061-412d-96f8-d95c758a10e0	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		2	44	93,104
b62c9665-664d-4cbb-b3d8-c59dbcef08c8	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	44	46,552
1e422674-0bdd-43b5-92d0-794455013ad9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1,5	44	74,0784
a9f5cc6f-091c-4f7d-84a7-8658672192e3	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		1,25	44	91,08
ab9f9cd3-5c0c-43e4-97ed-125cdb28ece6	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44		2	44	154,5984
6f37d556-0ff1-41c4-8aa1-f1fb5acd9896	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		2	44	145,728
63a58018-350b-4427-9005-f771e654c13d	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		2	44	145,728
8ed5a108-f61e-4a74-ae22-487c8d71cbf4	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		1	44	72,864
bd0aec58-b48d-43cc-a766-526499f85ed8	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1		1	44	53,68
967aa1fe-2789-4fac-a316-18dd74f4ce84	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		3	44	148,1568
3e9062ee-db30-44be-8ae7-c12e49c11b2e	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	60	63,48
77e82e2c-6f62-4829-b86e-5b32463688dc	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	60	67,344
14f4d31e-41f0-4103-b8fe-81a177853284	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		0,75	80	61,476
e9c5a315-f210-4927-84b0-8dc726a12d57	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41		0,5	80	61,476
8b3b7d97-96e9-4a94-b8c1-2d574a8e59ea	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		2	80	174,464

c05aa101-6c97-4ce4-8dd2-9d7f267548b2	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1,5	80	130,848
e02193f8-379f-49ec-a474-49ca0f502df5	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	1	80	130,848
6ce286b1-7b68-4de5-b621-86286b9614e9	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	0,5	80	65,424
d1bb7b81-3a23-4a5d-9276-70c59438ab94	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
34a4296b-62eb-40c1-bed7-032a7273e668	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
c01f2dec-12f8-40a9-a9ba-dcac15cb40ba	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
cb65d0f6-7002-410d-8f8c-18eb4b681d25	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4efb636a-79a2-4204-ab93-d90892e533a0	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	3	130	645,84
259a695b-4f88-4c2f-8ba7-c11d030a4fac	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	0,5	130	107,64
385f036d-7b1c-41e4-8ce6-5c8dac230012	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	130	275,08
96bf1778-6ab6-4399-9384-0d9aa8353a3f	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	60	202,032
5526c2e7-ac75-4fe5-b450-f8c8f9872ea7	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
45d8fad1-f050-4130-a9ad-1480e296304f	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
b36878af-4f38-4235-b1a6-75f866345c72	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	80	245,904
82ecf085-424a-40ee-b69a-8310c98192cd	high activity clay	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	3	88	431,7984
4fcea101-406f-42b4-bc8c-4aa0712fc799	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
f5440126-a83c-435d-88b8-62453963407f	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	4	44	186,208
4ad861a6-a0ff-4e7e-bd55-305de866d0a9	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	7,5	44	579,744

7aa36f61-c6b6-4f6f-ae9-f5b31459fc9b	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	6	44	437,184
510607ea-5526-46a9-bbae-1db1a17608a4	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,75	88	67,6236
a49dc9e7-d0cd-4f0a-87b7-c2d28756c303	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
5d1d6ecb-3e49-4a07-9884-0790791a0e2b	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1,5	88	202,8708
3a9e09c1-6977-4630-b42a-5b387d0909f6	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1	80	122,952
21349a66-6b13-4b7a-b91a-59d31d3b078d	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	80	245,904
55deac8e-765f-42f5-ac66-1394cf7326ef	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1,5	80	122,952
dd0816f1-d5a5-4fd8-bdba-1f803a22e977	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1,5	80	184,428
ad9f019d-e83b-4023-8cbf-81037eaa7782	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1,5	80	122,952
b6067863-8d4b-456f-b2bf-f63079d93055	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	2	80	163,936
df7e07aa-196a-4e94-a2bc-4080d9ed7695	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
2507317e-c971-4bd1-b033-83274a827274	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	8	44	618,3936
79387b47-353e-4250-b277-c9691a786cf8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
3e03050b-0b8a-44b5-98f7-1a3c773b877a	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	88	191,84
faa85176-e6e7-48ce-b5ae-453f90dc88a2	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	88	95,92
58ff36ec-fcd6-49f7-abdd-5f3eb55e6635	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
ad3a54cb-9b87-4f0c-8026-425119f45163	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
8ab76a4c-795d-4a23-b050-d928d5251579	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868

83b6def3-6d9d-40a2-96f2-00e141487763	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
ff82ae93-0719-4356-b01e-40e6e27b79b4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
55ed6523-4a14-4c2d-ae8d-b77b3bbdc4fe	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1,5	44	109,296
dac2905b-7b4b-481a-a27b-9aa4f138ece6	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
ae17ec59-f1a4-4aa5-bcb7-f7e8e320fdd8	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,75	88	67,6236
d2b415f3-6515-4188-a4c0-233d40ef3d22	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1,5	80	130,848
014da39e-0276-4df9-ba5e-ff577a83ff8a	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,5	88	45,0824
f0865c73-8905-44cb-8204-35b86d547c0a	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	4	80	327,872
d720842a-1b91-49f1-984d-da85d54cc436	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,75	80	61,476
8e4a8f61-aa82-4ab7-acced8c1256cd4aa	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1,6	80	131,1488
6978d28e-4449-4976-85af-4437a2c90adc	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	44	72,864
30dd9d30-1fe3-47eb-90c3-a65b0b70bf91	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828
9519878e-1744-41b2-8403-1cecd6de6329	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
21ca34c2-db9e-4824-97bd-92302c592f09	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
f1d7aa9c-dc69-42bd-911a-603fe0341516	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
a0967258-082e-4e59-813d-c52adf04cd22	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
15396192-e1fe-4a59-9214-3c82616fb589	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
0fb7890e-4687-4cc4-913a-25d23f93a656	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

01d71e6d-996c-4d7e-9790-96027d7fae0e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712
df53ee6e-94bc-4220-9a82-b5ed78afdc0b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
6fdb664a-7d3a-4510-a917-a88f5693fdc1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
ff206ca6-b487-4556-baf1-e15de71cf657	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		1,75	44	127,512
d846e7d4-8ed9-4988-8be5-ba7ca77ee298	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		2	44	145,728
ab220ce1-8041-4d75-a36d-e23ec745d3d0	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	60	134,688
bc483f29-ad61-448e-ac0f-dcd080a1e1b9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
13904e90-70e3-4246-8919-30fbd04b63a5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
f6e122d2-9c14-4469-8ee3-9347faecffb0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
ae4ac80b-a837-4e97-a41b-af411c810109	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6
c43adaac-3a0a-43d9-af0f-e32cbc0c8cc0	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1		0,75	44	40,26
11113aa1-a1c8-4533-abea-a7bc8a719826	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		0,75	44	37,95
5a4b8c95-63d9-4e0a-b5a1-5812b62b72ab	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	44	46,552
4c4efe2e-7326-4d93-9b5e-1643486df77e	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		0,5	44	23,276
32e30498-d849-42a2-87fe-6667b40c136a	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		0,7	44	32,5864
aca6d4b3-20f4-4dff-9e71-3c6af2a1c5c0	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		0,7	44	32,5864
ca316ac4-8872-4972-b447-b651c5be9142	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		0,5	44	23,276
228d1e52-1e29-4c40-821e-d4fbd5f828c3	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	44	46,552

40b0a93b-4e19-4450-a97e-a94800123173	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,75	60	47,61
ea234b70-e63a-40b5-8414-a41acfc768c1	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,2	60	76,176
44145495-889f-48a7-887d-0bd87d4bbeb2	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
d0895916-dcba-40fe-b913-dbde9aedebd0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
3bcc3922-3368-42db-bc8a-f00cd5d372fa	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
ad77c3ed-07d0-4238-9618-197b81161d1a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
d151387d-afa2-45a5-948f-12107e09c1c4	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2,5	44	193,248
080709ea-1be0-42d0-855d-df36556185cf	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
3fe0f1e3-132c-4c25-ad26-2b3f4d913924	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
551d3ebb-9d26-4b62-b34b-c57e141807b4	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3	44	139,656
a48e5c53-d4f0-4326-98e1-44d29f447ebc	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,7	44	32,5864
f1b26678-bd50-4b45-8eca-8753573062ff	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	44	12,3464
aa83b0b6-1bf1-49a9-8f0d-88f4cbee51a0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
dff7c21b-240b-48e3-a961-0720cea5cca5	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
6e7eb7cd-e205-4464-ae64-14007d364421	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
fd691f0d-4faf-452a-a55c-854140a8505f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	2	44	107,36
d54496c7-144f-4b78-b4c7-b55a09b13a1f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	2	44	107,36
3962982d-c83a-46f2-abdf-6de160d25fe2	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828

22835d4b-fc53-4b2e-ac89-3749e63084e4	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	44	80,52
b7c21b84-56f6-4fd3-905d-025c2b307439	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
4f180b21-740c-4299-a3cb-7d13485a5cf2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
e2d03e1e-0616-4861-a47e-39e0841af6c8	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
f817d8d5-fe73-46f1-b17d-77008e383e6a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
9dfd0239-2c92-483a-8a1d-82b163108abc	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
41afc07b-2592-4470-9c58-7da0914de65d	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828
0799bb24-cb8e-40e2-911d-b9417de89515	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
aeb66bf1-15b5-4d78-8aaf-decfd64e278	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,3	44	16,104
43e46df8-601a-49e8-a8bb-064feef68f76	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
d874fbe8-fbbe-4af8-bed4-aedc846a98d2	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1,25	44	96,624
6259a924-2aa8-4cd4-af09-70c25dfc05e0	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
b3608b34-48d3-4587-a763-cdc90c940a43	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
6b802de6-da2d-45b6-a80d-e083a62f95f7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	44	148,1568
885dcad5-45b0-406b-8a76-8e57912c0474	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
de4ac4e2-8666-46a8-9660-587d979f2080	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
58dbd4f3-d521-40a3-a636-993fbc5ddd09	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
1cf5b14d-517c-43dd-a61c-8e7a6a01a44d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

ca78e51d-1b1e-4a81-863a-a7949152f563	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
e3618c6b-b2c0-4e59-b2ab-de23efb65f54	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
be475675-6142-43b8-8d40-c947c39379a7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
d314b0c2-0ff2-4ec8-b3ae-e2a811b7fec9	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
e1acc835-447a-40a9-b890-8b76a74df349	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2,5	44	116,38
7be3c674-3f78-458f-9bb2-489419523776	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
66989292-931c-4909-a35e-ec57a1b9dfc4	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,3	44	13,9656
c7937102-996d-4fd0-b8c1-89c0a22b72bc	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
46bc1e94-3995-41d5-966b-af349158bb38	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
888a00bc-f065-46f2-bbe3-0c7ca163b326	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
af752949-6bc8-4e63-938a-a2e48b8545dd	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
a7f9bbc3-3a80-4dd7-a08d-95c7e953826a	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
5aaeafa1-0a37-49e8-b49f-00715b9e515d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
470d7999-8a46-42ac-a5ea-c92b3ad9f59b	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	3	60	219,6
7513e0cd-43f1-485b-b8b3-4d0bff8bac9	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
ab22d50f-5154-4906-954d-c6f412b11687	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
28f35032-2e0a-4a26-904b-31525c138598	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	130	36,478
2b4c501a-3859-4f2b-9119-8cc2313e4c36	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	130	228,384

09071026-d0a1-41e2-830f-643999b3446b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
6ee2522e-36cf-4cb0-817a-bf9689e29f3e	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,2	130	165,048
df2792dd-5a75-4be1-a54d-4915335bf6ef	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
a0c8d1b1-3d12-4f8a-96bd-e4f4565227f9	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	130	206,31
23e9682c-877a-4478-b516-5c54ec5c7f6f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
b83bbf79-6532-4aea-b0a9-c1f9935fcaac	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
9e859f73-5ac5-4674-8079-95e2fd4b8099	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
49b6b5d2-e17e-476f-820a-0cd1d4704269	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
4f7ab5e4-ab59-4cfb-adb8-657444e442f0	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
a3d74544-f69f-4476-962c-70d68b58d276	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
f0d2bb0f-d217-4575-b622-4151bf9600cf	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	130	36,478
bc8d7bb0-0b6a-4eb0-b2e6-d86bbbfcfbfa	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	130	215,28
affce5e3-ee5b-4f6d-985e-1c8823ce4311	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	130	114,192
e5ed937c-4a18-46ca-8bc3-78c830bc7f7b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
b46be6e0-cc89-4a5e-adb6-8de8a4fa7207	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
48ebf086-a0f7-4fdc-95d0-731fa9007df5	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1,25	130	285,48
688b10d9-cc06-4ff7-903a-80f91b6cc942	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,25	44	19,3248
af9d0dbd-6bea-4ab0-bf70-ca697811add4	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	44	38,6496

e6ca4df2-cd43-4b24-88ed-d6f0106033d9	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	2,5	44	193,248
e5daa859-fed0-4a1f-adf2-ca9ea78f564a	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
f2f9aaa0-30b9-4a23-ae70-19ca794151f0	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	44	77,2992
57a315c1-6444-4171-82f4-d35ba0c770b2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
8a7edda3-131a-4e21-876b-d7be94acb008	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
e73a98af-6fd9-4c65-ab45-9719b8cf1726	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
6d3940c2-cbb1-4d4a-9f3a-72cb4eb69df8	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
d13631dc-4d66-4099-b92e-f3c1f3190908	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,75	44	37,95
834d2d00-377c-43e8-aa7d-5631326da9cd	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
be7f5a58-8d9b-4ee5-bf75-7d5b0d69e37e	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	44	80,52
78b0ac05-9527-4351-b5b5-6996c8ac6189	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
37453f3d-02ea-444a-86a9-46c6b71ffbd2	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
843d5601-e4cc-4924-b58e-f3c244be2e1b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
24e026ac-b2a4-499f-bd6c-348a1569c73e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
509fbdcb-3cc0-4ee5-84b6-d78cddad5261	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
7fd586a2-8e79-4b5f-9f8e-be27d3fb83e7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4c2990c2-e07f-4845-a6b5-560962b80ed8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
9bfa90a6-8a74-4c32-b4a9-dc1bc2ff28fc	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992

608e56df-8037-4384-9f45-5af53966dcbd	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
3550c1d9-d806-4027-accf-406fb14b7d3	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
3252f940-8ba0-408d-9cc3-86676b18a485	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	44	75,9
617cb997-c541-4944-8ed4-699f6ad285d7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
630a8d6e-8a42-4309-b4d8-4d778c8b3fe5	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
f51ff1f4-71f7-449f-b3eb-a757acdad943	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,75	44	57,9744
a8e67b41-2ba7-453c-94fb-a59208c3cb53	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
bc1be912-2392-49f4-b566-436cb96638af	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
b1818794-1166-43de-8004-b326e748fe5d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
a70691b0-504c-4e94-9180-e0cec170773e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
f8658636-dac6-4b68-a827-8bdea3f2e540	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
1c791ef4-dee6-4d6a-be85-34f40797495b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
6ae4a546-915f-4eeb-b63c-37793578656b	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,75	44	37,95
389c763d-779d-46cf-8a7d-998dff602f55	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	60	134,688
77512b25-4336-4678-b735-25cd2ce61065	low activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1,5	60	149,04
43f7da1d-4ee9-4428-8209-fd08b01c790d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
d4812703-317b-4703-afca-a34258ba0c01	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
3726cb16-206f-4443-9df7-13d6dbc48b86	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68

24e652de-d68e-4587-993f-bde75a233736	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
3e3e23df-1069-402b-9abd-e812baaf186	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
9bf6eb86-3612-43e7-944a-2c3fc9a6585a	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	60	69
db282205-77e8-42bd-98d8-b04529a7e99f	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
e266edb3-12b0-47e8-9cdb-b6172190afa1	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1,3	80	113,4016
2069a88b-5d06-4825-9d95-62ef5fe678b3	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
0b29a5d5-b2da-4726-89a5-084251a0d40e	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
48484682-974b-4168-8eb8-94ce8f8d9ae3	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	60	63,48
9568a8fe-98b7-459d-8687-6163d90240bd	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
7dfa07d8-4136-4285-9f0a-151a2289c403	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
092598d6-0e39-407d-bc24-cff5f77570e8	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,75	44	34,914
085ad3e7-c532-42da-b711-b36f07d959f3	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
2d5399ae-a174-4a74-85a1-ee1e37f950c0	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	80	92,8
f0a181ee-6075-4a1a-bc43-ee2baaad936	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	0,75	80	69,6
873d93d0-9417-497e-b20b-d7cc97cf6e67	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
0a7d63d4-044c-4d2d-ade7-a9de4e8395f4	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
af20e981-1686-4e04-a960-a0ebdd6ddd6d	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1,2	80	104,6784
33cc78d7-abb3-49e1-89c2-daecae1721a1	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992

fa4ad280-1877-4fd7-a4b2-f0ed38f53048	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	44	37,0392
10477ad8-6094-444d-8a15-3988045111dc	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	130	237,9
2b528e94-cc2c-4ec2-9e04-3f1c16d841c1	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	80	92,8
3f78140a-df96-4611-876a-4d7e0e59821a	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	3	130	448,5
fac7e456-cd19-4c88-b974-09842f2a7697	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	3	130	448,5
5cead298-602d-423e-843a-485f9066f521	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	2	130	317,2
c08f56e1-0002-4f80-a0ef-28a57f74d174	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
967506cf-7511-43bf-8a33-ecb5cf190e5d	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
434143ef-baf4-4ac6-b093-3876d5519957	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1,5	80	139,2
5b73b1d7-d037-4cc4-ad3a-221e23a329d2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
35f55954-beac-478c-b2fb-807e59097c02	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	60	36,6
700bad18-5e21-4b95-8bc7-b189854d147c	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
3cde7617-c978-4458-befd-a9344d163edf	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
d0f828e4-ce26-4ad5-83b8-8f0ff04b5951	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,25	44	13,42
1c17b689-4d15-4570-89b7-d474a7c5c6a2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	44	12,3464
a415e353-9b52-41e8-9ca8-3b5c33071223	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	44	12,3464
e3b38105-ef38-4756-8219-fd99e3192280	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,75	44	34,914
ffecf3a9-ad08-4a8f-b2d8-27df1b394682	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276

def0685a-3875-408f-b9dd-85c443cc64de	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
85ead09a-544d-45fc-bfc6-a3b1bcc1d285	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
0628a3a7-a108-4ed2-ab9a-5885e35a2714	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
85370786-520b-4213-b9c6-fcc4dff98522	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
cb9d9387-1fad-4f11-b834-787fb824257f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
1a5bc2ff-8ffc-474f-a620-b4c967893fcd	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
0c3105ef-89b6-49d4-93d6-5a314076f79c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
41c58da9-23af-46a4-9971-acae08b975d3	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	130	206,31
6cfb2065-33ce-4766-ba76-5c698e6d31a3	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	80	92,8
cc2b7b91-4cd8-47d1-b285-798f071e9b46	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
dee1ebbc-4f3d-4497-a190-3730f6afc454	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	0,75	80	69,6
7de04ccf-0cda-4abb-8762-638a2bdd51cc	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
69812acf-033c-4146-a850-ce630dd45889	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	0,75	44	57,9744
96fd7451-d381-421e-90d1-8e45ea0edeb2	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1,5	44	109,296
51686dbf-3114-44fc-bfed-ea24c11dd595	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
dc8b01c0-cd0e-4c99-8b76-6b757e4e2aab	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
45064f88-d0d6-449a-bf39-53ed3b0db098	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	44	37,0392
cd3e125a-aa59-4b78-bf22-5e754d0661b7	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956

9357d6e8-f312-4374-8f25-9183d3379741	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
c9d2a0b9-d814-4336-bf9d-c0f8642ca3bc	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
f30d87ca-d539-42d6-b066-06f694e303ca	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
9e1ee203-92a2-4d75-b712-3c267489066d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
e165f262-e457-40b8-9709-14ead14cf0c8	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	44	154,5984
5c351aa7-2314-404c-b592-30c2eed1dd96	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	130	79,3
a865dca5-700c-465b-844d-ea07fbac06e6	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
f145b9c4-7063-4eba-b608-9b9063f97c0c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
0b481e7d-517f-4901-97c3-ad17854e4593	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
aeb5ca4c-88d0-4c3e-9f65-a87ac11e595c	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	3	44	231,8976
8e35f92e-190a-42e0-9775-1d4d68f05a08	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
483f25f8-9458-4cba-b8f9-375ff5f128e7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
6f9dacd1-34fe-49ea-958b-8ad23cfc3626	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
cb0772e6-b097-43ae-89ca-ae4451d3584e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
da331f7e-a284-477c-8d53-3489017bbe1d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
94ae1ad3-29cc-4189-adaf-78866a0c410c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
0574e77d-8c4d-41e8-9945-3c264e1be939	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1,5	44	109,296
92f7d5d2-7999-4e31-a9b6-f4748666d24d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

9fb9c70f-8511-49c4-a85f-8b41283d96d8	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
f78442b8-7d06-4b19-b1ef-2f77f76a1a8b	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	0,5	44	36,432
6c47967a-2c21-4ef8-9460-d339af6931c9	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
d7ff3091-acc4-422e-a0f9-ad5536cb2063	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
1c11cc7d-4038-4820-b99f-2c1545b16892	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
1de358cc-5fd4-41e7-bc1c-866201e7213e	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,75	44	40,26
56a25a43-5d16-4c87-ac69-4f358285eab2	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
fce3532b-0c20-4564-bd8d-7ce7b38ae389	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
0fc2e56e-9b97-4afd-986d-752704f392b4	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
9bf3b75b-f8f3-4f95-a73e-040da7f72e52	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	130	79,3
f0c6c9c8-6419-4504-a766-b834cc136fc7	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
b874210a-bc6c-406c-a047-c39a3869bfa3	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
f2163265-a282-4e71-8006-205c238e5ec4	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	60	138
d9adb6d-c29c-4a25-a1bb-4a421881e3b7	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
f245ed30-7790-4168-95e9-9936ba74dd72	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
59aa3210-dd70-4a1f-93cb-f858febd760a	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
a59a2b1b-d20c-467e-9322-f51e2762d7d4	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
4770ca57-894a-4c5c-9780-65778cf7f64c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868

420b1990-514f-492f-8e9f-d154763bebde	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
aeefd264-e439-446b-9c97-70c70391c6ad	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	88	95,9552
eccaa5b7-08a5-4439-9538-44f1d3148892	high activity clay	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	2,5	88	359,832
9dd97937-5fa1-4fbe-b2f1-305a70c7853a	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1,5	130	342,576
c93f79b4-2c92-4fba-a0df-5b6709d1493a	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
96bc7023-2175-41d0-9219-7f048d787d62	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
b6783996-c174-4184-952c-1bc037d1a85b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
9da2fc27-8227-44c7-be9e-08a6b9c4e280	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
6be524b3-a147-41a5-af64-f1ec33e56f88	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
a0275f76-bf81-4186-94e7-9a553545a45b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
cf74602b-4619-4ea0-bb3a-73e409968c1e	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
cea7fc10-d5dc-4464-8f60-d44fd43c4713	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
d89d2367-8a82-41d2-b099-e88e5706fff1	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,75	44	57,9744
e52c3511-6f65-4b46-97ec-1588136d3964	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
7d2cd0b0-b613-4518-aaed-2d0c222e75a5	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
5174594f-c8f6-4c5e-874f-018abc608ddc	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
a3a34c37-4fc6-4ac4-a395-40af7071f0fa	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
3d1d0778-4a85-48bf-b084-f4461ffcdefe	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912

ac2192eb-bc2c-4c95-b1d2-527f6d90184a	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
9674131b-a1ff-4b7a-852d-c5d2c23aed06	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
e775f6ec-80de-4d49-8ca3-54a64bd59b70	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	130	79,3
5b538d7e-b452-42ca-b6da-70d652375a79	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
69763917-0892-40f9-b118-6452a84656f7	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
40830d11-3997-4bc2-80dc-a0fd97218855	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	44	77,2992
5b87e6cb-3be7-407d-ae1b-4b540deccfac	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
fe6641f4-301d-4b04-ad72-5b652753c476	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
9b2482b3-92ae-4f91-b675-c22c55f3d8e2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
7084fb27-ca9f-4c78-9a8a-6cdd4b6da8fd	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
c94d1679-c150-412f-bd81-cf664558a3de	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
ee33609d-98a8-49ff-aa2e-3d88de87f621	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
7fb5af42-14a9-40f3-8c5a-be1d55d18b18	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
583ba9e8-febe-4fa8-8e97-845c990f71a8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
51008337-294c-4de0-84b6-b4b94e3c9785	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
90889c82-6454-48bb-a2db-b59547878dcb	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
2d7c0254-fd61-4ad3-aef9-dda5abf5755d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
683ed4ae-08e5-421d-8aa3-e320f605a5da	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

0c658cd6-f850-4535-9c2c-e19446109d50	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
140ce1c6-4751-40ad-bf5b-a81c460f999a	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
8f5ca0f3-f0dc-4fe2-955d-b8001fc19f1b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
37d1b9c1-b97f-4712-aa38-4aafaa35284d	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
1eb6af0a-eb7a-4e12-bc2b-e3d31a99452c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
4e0d2f4e-c36b-4438-af27-7b2712a9db8a	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
6a874334-1810-46dd-a83b-d589a1b05f39	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
d4fa00d0-a8e3-4016-a5bf-0a0b492fcc85	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,75	44	37,95
085907e9-ebf3-42e4-8395-2d335ccb92b1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
93f6cb37-3fec-47c7-8a50-5963a6d541a0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
2cc30826-a8f6-4cfd-80f9-8b3ab9b6c7d8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
b3788c83-2b33-45e1-b42b-5aad53d9ec7a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
570a82fb-fc27-4c42-b442-dcdf78cc699f	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
ce75f885-130f-47fd-a971-67872b662765	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
b3ef0f34-5352-4198-b359-c3cb1a2d1cb4	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
6c88dfba-4f86-4341-bfb2-58e02bf1f372	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
a68956c1-b91d-459f-b65d-6b25e1a5341e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
261e34ef-3b07-40c7-a4aa-6e087b490156	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712

2f672374-917d-46b7-b113-ed454dcbe2b5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
99f936c9-91ab-4a3e-91ae-c644f33822f5	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
fecb0f2d-2051-47c4-9cb0-9087f57a5fa2	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
2a6556d0-61de-4c1d-9b84-d73fbfe4116c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
ecbc7713-1a1f-4b8a-a351-ccc89a4bb98f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
18ba847f-6f58-4b72-a8ae-e554449f8a16	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
ae1f7afc-634c-4ced-843c-4f570f3f8419	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
4491dcd7-f43c-4e76-b860-72b10e84b8e8	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
0fa9d0e6-e4c3-478a-a5d9-f93c4ed8db2f	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
cb03d1b2-4af1-4c1c-b4f4-f93e7ab15796	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
cf77fee5-3d04-4c67-880f-045aaf3b8332	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
f69ffc05-a604-4740-a296-db9a63adc2ad	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
0caad814-29f6-4fe2-9429-a05bcfb3f7e5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
12670822-2e5a-4dae-9acd-50f46386ad79	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2	44	101,2
be948912-c31d-46aa-9ad4-4585258f3b98	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
fb5f71ee-bcf7-4a28-84b1-5156c316a2e4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
6c79e514-a635-48a6-b939-e73562e878a4	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
f6f13e9d-e8e1-4732-93e7-44240c796601	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552

ec866036-35df-428d-89b4-faa15ecfe6ef	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
b4c78d92-7477-4e18-a90c-0a64e8d76a8d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
4484b611-474e-4050-8180-42e0cdefe6a9	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
2a6c403b-c605-469d-a9a7-0da25184f449	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
1f08eaa5-ed2d-4c56-adad-0135a9a51778	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
3c0726f8-c789-4b0d-bd37-9e759e748595	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
7180bc04-815c-41ab-8f85-d41ccdfabf85	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	44	12,3464
8e56c349-b05e-4723-a4a1-bac599b3f98c	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	44	80,52
4e92b7e0-671c-431a-84e8-7bd94a696db5	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	60	33,672
ac61abe9-03e2-44ae-a5ef-a465f96129f8	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,75	60	47,61
f5a57681-380c-4297-9f02-cccfd84328d1	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
7213040e-52b2-472a-b8c6-ced7943edb82	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
20495778-d039-49b0-87c5-15a3e980e85e	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
5f12e9a2-fd4d-43e6-86f3-9e5b60e7c930	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
72c64215-e664-4a06-a8a5-f84053c5427b	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
18411937-394e-4674-9a9c-92759e889703	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,75	44	37,95
aa54f5bd-46b0-49f9-9cf6-9db3aa2e843a	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
3fb1163f-048d-4bf9-91f5-69107568d7d2	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912

d146007d-2752-471d-8151-19c6802a1f7e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
a9029fc0-81b2-497e-bc7f-3604e5f1c3d4	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1		1	44	53,68
66b9e55a-53d3-438d-a260-03889089a574	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1		1	44	53,68
10a7c37c-4179-4ed0-81d9-7212f19f4f6e	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1	44	72,864
418252c2-ee91-4757-acd7-2350e93dbdfa	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		1	44	72,864
fb802584-0d17-4a39-a2ee-171fdc6241e9	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94		1	88	95,9552
c79bc2ce-dde1-42e8-bc7b-89838e61e35e	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1,4	44	65,1728
8ee0bf56-d76c-4f3a-9a17-6d38c89ca3e8	high activity clay	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41		1,5	88	202,8708
07848492-83eb-47ab-8003-2c311ae47a36	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		2	88	180,3296
9b6e7ce2-405a-44e9-a944-9ee07ba4ba20	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41		1,2	88	162,29664
5ca13ba7-9bf4-4e82-8e8e-2f3fd8a15d5e	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41		1	88	135,2472
014d6b95-0cd4-4314-9f75-d290675a3c44	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6
2f60cad5-f015-4ac0-a07c-7d9ed099893f	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44		0,75	44	57,9744
07bad05d-332b-455d-a9c3-9d120daf97c9	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1	44	72,864
fede3d51-0c80-48ea-a5cf-d28019657d57	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		0,5	44	36,432
2e311d8e-1e32-477a-9e16-40292908ac98	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6
52f7a78e-9e67-4775-919f-bcc95db518de	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6
e4acaf65-9a37-46f2-8361-a0f8fb5ad2cf	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712

9113f874-90b4-40e0-bb6b-dbdd7c0f358c	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
3ae0dba5-8c6a-43d5-a5fc-02117b8c7f1c	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,75	44	40,26
0142d3bc-edf9-4bb7-95ed-d4cff33f5fdc	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
027de987-0123-497e-b4d4-7bac9010e6d3	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
c4b7452e-2158-4e3f-89d6-c21840bf48da	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,75	44	37,95
0836094a-e1b5-4b5b-9c58-2299023c2f05	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
f0ec88d3-f9eb-46c6-b231-0f8fc6ea09dd	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	4	130	634,4
072080ab-97e2-4784-bdd4-fac6b32f3bf1	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
082467e0-e5ca-4bfb-b8f5-3808b06ca73e	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
055e6c79-65c0-41be-b954-ec8505b42d3e	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	0,5	130	114,192
14cce91f-150d-4d1b-be11-ace5404ddc83	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	130	228,384
b7a79954-1d3a-4d4b-8a3a-e5e639b0ac7b	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	130	456,768
28d6afca-a867-4060-aa42-ca62ef25e76d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
09fac433-0423-498d-90e1-a2dafa85a62b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
72550e87-0e8f-46dc-b0dc-b989b0b4c20f	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
05ea03d4-9eee-460b-9e57-198a310659ce	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
c90988c8-fb66-4ce3-8669-118ee2da64d2	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
03b324e5-826e-4e9d-b3c8-4ef07ec26dd6	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6

2f25d139-2c50-49a5-8b4c-0a81ac94e61c	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
66f33a04-47e7-43ed-b80d-23b6b74dd999	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
891095de-c278-4ead-92c3-92414f9de66c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
09c45c3d-8c18-499d-8ece-d06517eed4e8	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	3	130	437,736
1e26ee07-a0f0-49e4-8564-23e8f270f639	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	3	130	437,736
777c1bb4-4b4a-476c-993d-6fbc0f029db9	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	130	109,434
69b8ac44-3301-4a12-9d5d-ef8483e4c4e2	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	7	130	1021,384
cb803b98-93dd-42cb-a624-fe12dac90dee	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	130	109,434
9175a614-8708-44aa-aecd-46eee9040ac6	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	4	130	583,648
ce4b7210-8cd9-4c0e-986d-bb942f35118b	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,75	130	171,288
e84e9ee7-97b7-43df-8f90-3e82a2ff9ef1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,75	44	86,4248
67a45553-5d64-421c-9b45-9dbc0c6d83d6	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
3ea40926-1ff5-4f7b-9e3f-736e416b9d60	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
21963776-a23b-4942-be63-02a8ea450975	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	44	37,0392
6124d77c-6b42-4a53-a9ca-4a85b53ccf62	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
167299cd-53ab-4455-921f-edfbd09013b8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
c4a984f6-a207-4908-9418-f9efda72fa29	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
81fc99c8-92b1-434d-8823-42150ca7260f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712

8a47c22c-2876-4fba-b523-72d748cea16c	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
def39943-0252-4e97-92c4-fe15e433ee4b	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	60	50,508
dd1ac498-1ad8-4352-bf2d-bb3bf6490033	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	60	33,672
8d6a83f5-a468-4459-9f59-6f78eec9ac98	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
1b432c10-c59e-4730-a800-397fe538f3de	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
600709b7-abc7-4d14-af51-a3321e0373c5	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
6780191f-3a29-48f0-902a-0941c66a0607	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
de757220-b5e7-4e47-81f3-714489fd11d9	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
6f57ebaa-ea3e-45c7-927f-d13747b2dd7e	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	60	50,508
2fdccaa6-6797-40b4-9241-208d524aa765	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	60	50,508
94513a87-7739-4056-bad8-927a5d992bfb	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
6acf8479-d394-4031-8d32-6af86793a958	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
6de2f239-315b-47c2-8725-863c0db51cf5	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
b058e442-a284-4a6e-aea4-358ac29b277b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
742a852d-cbdf-4a46-a164-d760199a0e0f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4d320d36-9888-46f0-bd05-f01d600d5a23	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,7	44	34,56992
1bb6cace-3601-4cfd-bf15-17d3008ff963	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,8	44	39,50848
b7dbc888-179a-4c9f-9b61-6341f9662741	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

13421d9c-2a9d-46d3-9cfe-8c6107ca027e	high activity clay	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1,5	44	109,296
c11e02cd-2af9-4111-8cdb-da57e4144e77	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
4b1ce1fb-f06d-45da-a758-4c5a9f1a74ec	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1,5	130	342,576
f549708f-2b62-4702-b3a3-3fcf8128ace5	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
77af0e7f-1afb-4535-86b4-e4b7961d8d72	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	2	130	317,2
bdf46949-3dab-43dc-b4b3-ea9c0a06edcf	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	2	130	317,2
10c2cc08-402a-4829-8822-83ed89d622ef	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	3	130	685,152
2f22a01e-2925-4c25-9c96-941799d02ae1	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	0,5	130	114,192
96d297a5-737a-496d-85bf-0fed8043384f	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1,5	130	342,576
5f8c085a-2302-447c-ba45-b3425a7b3f35	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1,5	130	342,576
21ecd3df-ca28-4ac0-b586-cbaaa3ad21fb	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	2	130	317,2
18c1db2b-bfe6-4740-9644-0674b65bc5be	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
3e32ef1e-113b-41ce-b532-73761454ab68	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	3	88	287,76
4e7aa8de-1736-4e2f-b084-f48e3d79dac7	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	2	88	180,3296
768f998f-2ce8-42d3-8c2a-417636847038	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,25	130	57,096
16fcbe41-65b9-4430-9f57-c4d4ca8d1487	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
2ba6a1c3-54a3-4867-a295-3c40ab4f0cb1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
abfcf57c-e0d1-4e6f-8b49-08219451f900	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928

e23167b1-2f42-4bb4-889a-604c6ef67cbc	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1,5	44	115,9488
b0e2949b-b881-4b8b-8a85-9e3614395467	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	2	44	107,36
6f9856ec-7c67-4176-a2ba-66c49b8a0b2d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
60d140b0-c4ae-4288-abf5-1a81c7f3b811	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
8ed5a1e7-ebc6-4361-859a-aa406f4181b1	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	60	73,2
89241604-483e-4aa7-b975-6a3dde3c86bd	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	60	69
8e846898-16bf-4667-bbf7-aa730aab4ec2	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	60	50,508
57cf2847-3230-40f2-b187-6c8844bd7339	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	60	73,2
4cfab70a-9c28-4828-a977-a9ccb62fabd0	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
d59c7472-8850-4b3a-89bedd8d4c1c6585	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	60	109,8
7e32b4b1-4da3-417c-9f56-ad160f18d9eb	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
22d07df0-f475-4a74-a045-c916412e4382	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	44	80,52
c651bc0c-8f42-4887-a7b7-49b0d0c1a486	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
94f3b306-e9a7-45fb-954b-9f8a48c0f40a	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	130	206,31
03206e93-e2c0-4aa9-96c3-4db0133818c0	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	130	215,28
abda1d22-1df0-49c8-b3f0-c6ba33b12674	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	88	90,1648
67ba941b-f9d3-4287-a529-975e818c9e68	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,25	44	19,3248
31947f84-0387-4c0d-9707-9ad36a858705	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956

3f28e133-38f4-4e4c-8006-277022f10e9d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
d1c0b1fd-4fc3-44f4-ab6e-fa08229a8186	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
b6eb0bd9-5c96-426d-ab19-4c91475a9f5b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
d1007ae4-a05d-442f-8ea5-75a4e3c73ae8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
e88425aa-f57f-420d-a075-149eac60368	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
76511329-5c81-4e2c-b165-807e14c20574	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
6caf6dce-d7c7-4137-9839-f47e2e8b42d4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
0dc83204-1014-47eb-893f-92e0ae5f77a2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
7b7c3158-cda2-4e2f-b09c-1d91e0fb6f1c	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
a0015e72-9ca9-44b6-8850-a0e75b36c909	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
8dd06b76-7323-44b0-b08f-b8c1028f4e0f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
8e41c293-1349-4e27-8055-2c5e4702aa20	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
46570bc5-9033-476b-a68e-0ee88b56830e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
5349f8c4-63b1-4e49-a19d-7b36c4a5a648	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
92349f75-0354-45cb-ab8c-8e15ac45bcce	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
b24d54d7-7690-4cbb-8cc0-045083d1af29	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
5590c7d5-c0f2-410a-b104-9288d2fc6e2d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
95687226-32cd-4a52-9feb-f35420ca444c	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552

ac8d8620-8185-4649-a05c-2634c6129ac8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	44	12,3464
83f92b35-55ba-4bf8-a720-4301616bfd0e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
e54baf21-9e95-4022-95fb-a847f042a639	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,25	88	23,9888
532a1bb0-fc65-49ff-8c5c-379d456222b4	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	44	80,52
224a9ea4-c8df-4998-9269-b666018dceaa	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	44	80,52
72c7ab45-c856-4793-887a-70c3989c5bad	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
d7fd8654-ac29-4d02-bf6a-e977944b0be4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
ce42ec8d-635c-40eb-97e1-f68898f91f52	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
7623d606-7169-4bf7-a2f4-3bd631578fd0	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	130	215,28
713ccb08-8294-4d04-a81f-58eb9f7d1033	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
db3e8288-6391-41f7-a7cc-247603730345	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	130	215,28
1af5dbc3-2633-41c8-bc66-fb2a5c217aa7	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	2	130	430,56
e6ca7f43-93e4-4886-8715-2c57d48ce483	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
3039cf08-46d0-4b69-bdb7-779e8a79e562	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	2	80	245,904
1edf52fc-dee2-48bd-a7fd-279ced9ad905	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	1	80	122,952
a23d06f5-ae58-4f17-8ddd-e94773633b4f	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
ba417e50-ab66-496e-80fb-23aa3f5bafb7	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	130	79,3
11e8ee97-984c-4bd6-86f8-c1aaec226ce9	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5

9e5ea8b0-1789-47cf-ae3b-af05c4e0ef60	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	130	215,28
8d2f996b-56ae-4132-8c60-15aac952d2f8	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
5a60095d-02ed-46c9-bbe3-68bda01b9b41	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	130	74,75
fa190945-bc39-4620-924b-5571fdb5577c	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
cf44ce1f-3f9c-4218-83c5-ec4dc6c812f6	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,5	130	107,64
2e65f704-84ee-4af8-b31b-d6074267a988	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	130	215,28
9893e52f-113f-4cf2-a717-5420c0ba2e71	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	130	215,28
a20fcffe-ac4a-4234-83b7-19fd5b792cab	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	130	74,75
2a423e53-b5f4-417a-b628-33bc9064e438	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	130	215,28
bb85b80f-1c31-4996-bd2f-b8fba6afd24c	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
debffc67-fafe-4a77-842a-2a574d83ca59	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
c44bc06d-9af1-4805-bf7f-ebc5e3a1fccb	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
c0bec174-b438-4991-a8d6-425154cc89d1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
aab99554-83ec-4f96-978d-8083dbd4b755	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
e028e712-d95e-49e4-a162-76cf9f646282	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
68430792-6546-484c-9085-9433980e894d	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
2dcc82f3-ed4f-44e8-a25c-5cdbc55e1b1e	volcanic soils	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	130	149,5
3fca4c69-349f-4d85-ab25-ee6b0c7d2f30	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6

17b8a7fb-69d3-495d-85fb-ae8928c999b9	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	2	130	317,2
bbc7a6f8-175d-494d-8894-e4fb487d81c3	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
92a350be-a713-4f19-baea-d26ce9ecdcbc	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	44	77,2992
d52426b1-260e-46fd-bfed-5e8f4455fb2e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
6badd746-aec5-4034-9253-0a0d01214ad2	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
f445f794-8853-4476-9089-6a2f9f3cbfba	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
5ee92514-f8d0-47d5-9caa-18db0eafa00b	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
f52dcc3b-ac37-4509-9c39-c43d48aebffe	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
3d588162-61ef-4e81-a07b-eaf61e758f87	low activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	60	210,816
d0d00982-fb7e-4d65-ae45-8e63d98214bf	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,75	60	117,852
25e8662d-3f21-4e36-a140-e92679c8a1b4	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	60	101,016
280652c1-6939-4798-962d-d73cc5d8aea7	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	60	134,688
1931b6f7-6959-49a8-bcdd-a90cf1475cd1	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1,75	60	128,1
02871ea8-8ad7-4e2b-a934-e83695f9358b	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,75	60	117,852
783b4df6-4a00-4a8e-94cd-664cd297ad3b	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	60	50,508
9e0aa122-9b47-46fe-9751-e5a151afa3fc	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	60	134,688
705c3bb9-b13b-4625-b1d6-9e7b54c3953f	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	60	67,344
a5344d24-587a-4bba-b6ec-28b9cd3ea047	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864

660572a2-f53c-4d78-adff-00ed4dbac750	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
246c14a7-dc20-4b1e-a353-8c4993bcc462	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
0ac4f440-39fc-4c49-922f-4eff9f36d07c	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
db92c93d-5e3a-440b-b0f6-f0b696bd6202	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
3dff91bd-f120-40d2-85c3-e88f86b56c98	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
5b24b10e-ae01-420b-8bf4-63772072ab94	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
9123fcf2-1c91-40bc-9c22-d88fe36a604e	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
e04e42f4-8191-4d95-9bcc-19ac04ef956d	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
93a15c7e-1abf-467f-a8ee-e1f7480d913c	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
05aef7f7-9cf4-4931-9c57-0128a1311297	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
c09319c0-6fcd-4e18-9887-c26329904541	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	88	102,08
652fbfe0-03a9-4cfd-bba3-449169d856d5	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	88	95,92
2aa913d0-a0c5-4cf9-8958-6076873961db	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
e98b7bb5-c0da-48d2-abd8-4e0857ef802f	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	0,5	130	107,64
0ce142e6-3d57-452e-8fe9-178194b87752	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,75	130	171,288
8bf89a1d-c4f6-4f8a-ad0f-38a2339455ce	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	130	228,384
1e2883ae-71b5-4a8a-8b6c-c7a8bd0bcc3d	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	130	275,08
625ed340-d133-4381-aebb-e63a2b949a1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956

20a8e03a-018e-4ce8-9669-4ae892e6c0df	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,25	130	57,096
e57f4cad-0848-49b9-9d12-33259d74148e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
0dac8ecc-57be-4b80-a519-585bdfc101e8	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1,5	130	237,9
143ebb86-c163-4b7a-8a30-d90708caa1c7	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	3	130	685,152
5f6ba313-ef42-43e3-ae5e-4843a6c01f59	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	80	174,464
30446e47-d197-40b1-b6a4-bcc35a603d8f	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	80	174,464
8bb9ebcc-150d-4087-a83b-27abaa9a5b4c	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
51033add-6d83-41e3-b3f6-8309fe142841	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	3	130	437,736
1f3f6991-2034-4193-b605-61018b56bb87	volcanic soils	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	5	130	1141,92
7234837a-5eb3-4f74-8f68-7874a3c88523	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	2	80	163,936
8e0a9b7a-a205-4f58-8afc-9eaf92e97238	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	3	80	261,696
d1a21150-1959-45cd-aade-524838f6e9fb	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	3	80	392,544
59ab11d4-6982-4efe-ba79-63c19f38fcf8	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3,5	130	481,39
e85fed33-2db9-4a93-a391-cf27b19b0d2a	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
ff16cd53-9874-44c4-b87e-d9c6e4e53738	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
bc02f35c-2363-414c-a9ac-93037480a514	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
23c59964-c8cb-4c70-8945-4801cb7d6faf	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
3f83bc51-567d-431d-9ea9-12939f8f35da	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

a7daca76-5c78-44ec-8a17-38380a621b24	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712
c4b20ae7-eeed-47e3-9e74-181be761eab2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712
39d07aa3-4be4-4ee2-9644-390d111a8b00	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,25	44	12,3464
a9d22a57-8766-41fb-865d-8f7219482055	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
e99c04e3-2591-4c88-a3b5-8f6d1a7e29b6	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1	44	72,864
c3f9991c-e64b-4216-91f3-ec7bd7806a52	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44		1	44	77,2992
bada3e67-3de8-461f-b31e-f130d1bc021b	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44		0,75	44	57,9744
3a34bb27-1585-4826-8c9e-94654ed513ae	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1	44	72,864
96075795-fb3f-4615-b48d-d1e913850c42	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		0,5	44	25,3
266dbc91-91ce-45c5-a73c-9c71b833f582	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1	44	72,864
2bd3c607-e004-4a9c-8f7c-4e882ea660a1	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1	44	72,864
1e5130ad-f476-4b32-9fe7-1d9d703c162c	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		0,5	44	25,3
eefc1102-d179-4c0e-9f63-aa896ec3de4f	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6
732152b4-6e3d-4e14-9fa5-047a2ef6b8b6	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1		1	44	53,68
9dca830f-bfa0-4362-97c3-84187dc841f0	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1		1	44	53,68
4498dda8-a6ac-4002-ac99-2f49b2f96a9a	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6
6625acba-0161-4a0b-ad5e-519177d0b793	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
d0fea631-b4b3-41d5-8f3c-b839c7bce627	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6

7dca28c2-1f13-42a5-ad1a-d3edb03749dd	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
bdb47ceb-b678-49df-8171-0d2b7baede46	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	60	73,2
82412b67-20a6-4c40-a614-f0aaf6197076	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
c02038be-517f-4571-93ec-63f00f2d2058	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
10b4184c-df10-47d0-9f89-c17d7021f576	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
0a5e40b1-f834-4af2-b826-4cf698e0c798	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
220ad706-f91f-466b-8ba7-6cb125d42d52	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
5bcc2572-ac7c-4eea-beea-0e50be98ec84	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
bf943b39-24a5-4670-8299-d00634f75aef	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
66da009e-82b7-4220-8c45-97ef81739d23	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,6	130	87,5472
8d252d22-24c7-4a1c-b971-16540f1dd51c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	130	364,78
94546509-4d6e-45d7-8334-f4e2999adb04	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
9a2a103f-fc94-4683-a242-c3226495ece2	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
eb440ea8-a047-4898-a3b9-c44c7b3b3f53	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
de841e29-aba2-4858-ad1d-067a733e5093	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,75	130	255,346
76e0d07f-c3c8-47d0-85d7-9d2259cd45ec	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
dcb8a02c-25fa-4e90-8bd7-d6855b35fca	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
fd814382-49fd-4a51-86d5-89919b78df8c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	3	130	437,736

bf3eeb0d-f3c8-452c-bbdf-88f5bcd3a45a	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
81c6cfb4-96d0-42b8-be53-06187b84caf8	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
33cb3bc8-13f1-419a-8b5f-4f85b2d7f88b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,8	130	262,6416
9f0cfa65-72e5-42d3-b5de-f524793649ea	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2,25	130	328,302
e8e379d8-2fd0-44f2-973e-b4a88c4b4610	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
c734199f-7305-45fd-bd81-a243a100fc9f	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
f296c5b5-c39a-44dd-a737-747cd42415b3	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	4	130	583,648
d2b075ec-86f7-406b-b5cf-9daa30058665	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,5	44	36,432
88d5053a-8220-435e-a1de-0a51ba45ea76	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	130	109,434
8585d600-5bba-4400-b451-6da7d1785e19	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
d770c1d1-410c-4fec-921a-56dbdf1ef3dc	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,5	44	36,432
5f756e03-276d-46e7-aefa-86c11b6279c7	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
d40d2f40-a589-4d79-b3f0-3cb6219f0638	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
24b48098-5067-409d-b436-e6d774759eb1	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
aca40870-d155-4e66-8185-7ab78e2433ba	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
6d7e3ec4-639d-4505-b0db-c234f462f5dd	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
175c3c0e-c78d-40e3-83bb-c79846716657	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
c738aea8-ffdf-4414-967d-d565cf654041	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68

20b6daa4-6a3f-450e-8c2b-a285ea04e35a	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
f6cf146f-df93-4867-95c3-5a1891093a7a	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
6ad47711-0b89-4f17-be04-ccc97d2d7fdd	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	60	73,2
15d6899e-f5cd-4506-89b9-2edabfbbc5c1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
39e3c946-5235-461f-8220-2e01bb9849cb	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
ad9ee26f-ffc9-41cd-9660-f8a8a3e2a502	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	3	130	437,736
52f2e56a-a1a6-48b2-960d-2b01e6c6ab6d	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,5	88	47,9776
b82a6ac0-43f9-416c-b612-f801f1ccf4c5	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
48b868d5-990c-4bab-9b59-3c2b9e723364	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
b08c4e22-6d55-4b9d-a153-6a983274868b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
2c21fb09-11dd-42fd-a32c-90d359dd25b8	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
3e4ecb92-4a20-4594-9672-c0a0ea8a756a	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
bff07eb5-9259-439b-b42e-5d95c8795822	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
24eba28d-88a3-4ec6-ad91-577a925afcca	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	60	73,2
34eaa5ca-23ee-4ced-bb66-72639126fc58	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	60	103,5
ad7f0ae5-acbe-4c82-b91a-46e94822027a	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	60	73,2
b4da69d3-2bcf-489d-af27-c5234b7ef273	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
9513a55a-69eb-4d21-a20d-ec9e7f90b21f	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864

00a0840c-3d33-4071-95db-4b205d383da8	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44		1	44	72,864
3628c7ea-b508-4426-be50-85132fb87246	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41		4	88	540,9888
746179c1-4ecc-4f8b-ab79-79a1b32da8dd	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		4	88	360,6592
e388aa36-9c45-40fc-9791-dd11baa839a6	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1		0,5	44	26,84
7ed99817-e091-46e0-908b-1180d762d227	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
38489c8d-5b64-4b65-9cc7-4214f6dbe50b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
4379c277-cb0d-46cb-ba87-c5dc94039fac	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1		1	130	158,6
9c38804f-a39d-4fe4-81d3-8b7092f9845c	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1		1	44	50,6
be8bdd45-7a65-4c93-8e65-197d58b42172	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1		2	44	107,36
4a31160c-8dd1-4438-8088-722b7adb5d8	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1		1	130	158,6
a88ef4b4-3cd6-4591-a3e4-180bc2506394	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
df088e17-d384-4c9a-89a7-a3759681d8c2	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	44	46,552
de6ece12-a42f-4394-af1c-7f0701822f8f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712
ed81e10b-2030-4b37-8a1e-c89e8ed6dc7c	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	60	134,688
f96183f3-66e0-492e-b66b-2f3a8314891a	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	60	67,344
6ac41da9-17e5-4307-adad-5ed47066d5f5	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1		2	60	146,4
e42fe0d6-ee0b-4762-b916-507c966764a2	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44		0,75	44	57,9744
19c6d3b0-f2bb-40d9-8b0d-68bf61d2a03c	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	44	46,552

227f4be2-7f82-4302-928e-b9ac488d37d3	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
ef254c79-7819-44de-83f7-415cca3cf753	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
83166703-a3fe-45aa-8d87-0c46f8f069df	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	0,75	80	98,136
889fa14d-f1d4-4eee-801f-839cc1a8ae13	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
fae3c190-0330-482c-b14f-d09d20c68129	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
1f6b5f58-6028-4223-983b-d2c59dee788a	low activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1,5	60	103,5
c1ac85b7-56fd-48b5-935b-138f050032f1	low activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	60	73,2
35bf9b1f-8e64-45de-9ae6-60374bcd3b9b	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	60	33,672
c7e7e590-5a02-4efe-91e4-da416bdb841f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
9b3e3140-0781-4518-8e8d-180742dcfb3d	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,5	80	40,984
dd11d94f-ecc4-4ba0-8285-249a9bac98a1	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
fdfa9afb-c19d-4f07-9787-869ed5b3ae26	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	130	275,08
75d0f155-afd3-4506-8eb2-73d991ff00a4	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,7	80	57,3776
5c64abd5-cd97-45f1-afd7-df2cf40b9ff4	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	3	80	245,904
7f23a8ef-64ec-4b36-8d16-a3228d050b29	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1,5	80	122,952
f0348668-ad6c-467a-9752-b74508768440	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
96dcec8c-0235-43e5-90c6-843e16aa0219	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1,5	130	342,576
0d701a6e-ed01-4966-aaa9-5e428609d352	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	44	148,1568

426546f4-3273-420a-be7d-0ea9382a54c5	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
949ca0fa-e6ed-4307-be05-615341cd5c21	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
6f995c65-57d3-44a8-97a5-2f1279d872b1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
18895823-a84b-444e-a214-18a2abb95d91	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
a5cb209e-ef2a-45e4-b4f9-2cd80acc5725	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
97fb982c-b184-4f75-ae4c-d6caaad1565e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
bf664bbf-dd29-44cf-9ef2-04054619938d	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
b6a980a5-acd7-4461-be19-3e69c23b3ea1	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
f57fedd9-8805-4f82-89cd-a38142facb07	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4234a7a1-eaab-4dab-9eec-7d52354ffad4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
148b697c-ccfb-498a-9011-ebe41ae10c27	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
756a3fda-0780-4f52-b124-6656b19dada0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
9b84f31d-f150-452a-a35d-26f2c1ed34fb	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
b0be7fd3-8791-46d5-9983-e7e9456df3af	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
405378be-2e9f-4adb-97fd-5bc8066b983d	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
611d0b5c-13ba-4c83-b0ea-9b0c8db5b35d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
e866b774-639e-4fb9-a724-2479b445537d	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
d31fa4c0-9005-4fae-9ccc-bef0f17f1d44	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864

c3698c5e-ef90-43da-b824-e2a19e5af1db	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	0,5	44	25,3
817d8824-377a-4111-b3f0-5395578a777e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
15a8210e-423e-43ef-9ff8-c91424bd4e33	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
daa7fcb9-6863-4522-80da-51a9f9cbe5cd	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
8d637665-40c2-40f8-9999-10174f1239de	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
0abd9de1-db6a-487e-8355-acc78dc997aa	high activity clay	Tropical wet	No_till	yes	High with manure	1	1,22	1,44	1	44	77,2992
2566fe25-8737-438a-9fd9-b25f503ae56f	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1,5	44	109,296
cb62ce11-96d0-4620-b657-5da0f5b261dd	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
4cf7f4bd-4800-4c50-8b01-acb8cada0b15	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
e43f247b-9487-473b-b537-aa858717fc52	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
070bf9c2-d2a4-4bf7-a4cd-d67e584935e2	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	1	44	72,864
6c5ee315-0e31-467a-a042-09645a4f69c6	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
18115244-3c24-4813-941e-a5db1ed70fca	high activity clay	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	0,75	44	54,648
a45cbeca-ca9d-4eb1-9a0a-2fddf8826b4c	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
9ec293c3-3bd5-4707-8f3d-72700af9fca	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
6d4e238b-4a4f-4585-bacb-d3734a6f311e	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
1b50e67e-ee89-458d-aabe-434328774622	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	3	80	261,696
13751dfb-c534-4982-aeaf-ef149f108dfe	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	2	80	261,696

35556b03-ea1b-4a82-ac86-29d4d2694129	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	80	174,464
87fc9b54-a91c-49dd-a00b-079d12e55d6f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
3631f601-397f-43dc-b169-9cbac7923318	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
430d05ea-b90d-462a-af25-4480fc89459b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
202c54e9-d52b-40d3-8246-141b1e0a13ee	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	130	215,28
d7ccd7fd-a954-44f8-b969-f2e1b6b06fa1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
c5c359a8-530d-40ff-8a4a-e05cfa814a68	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
5dd992b6-c005-425e-86b9-2bc2996e43a0	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
392a9bdb-c85a-4eb7-b01e-69084e48f659	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
79b61134-db87-4598-809f-197613ce2bb4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
f1a6de0e-928c-4e0e-92b3-a260d5270ebe	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
ad7241f7-1ac4-466d-830f-f0ad05c04457	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
b603a5e1-05fc-4c0a-89f8-889dc1a5d2ab	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
2ec09ea9-f901-48a5-a9ce-acce70d5e0c8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
c2d0ba4a-c4c4-40d0-bf58-6c72e64ddce0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
1df2b032-ccde-4cce-9ded-6d492e811d82	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
c7a8fe05-a6b7-43fc-807b-ac94f2b0cf79	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
f3c23f7b-a62e-492e-bebe-a0635f847cda	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	4	44	197,5424

5b3e2dfb-017c-488f-95d5-638b8f27776e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		4	44	197,5424
b23860ca-1d02-4b4a-85ef-ba74d56fc02d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712
64e52627-583a-4009-acde-37da0ce6e8bb	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	44	46,552
2740e62d-6c3b-4718-bca3-cfebcc16473b	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		3	44	139,656
a574145f-db03-4017-aca3-fc8056732793	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1,5	44	74,0784
9e94dbd9-4fbb-49a7-a5fa-45a87fd221ea	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		2	44	93,104
9752dfcc-c6c2-4bb6-bb37-0820af351bf0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
1d3c0152-3e40-471d-95c8-48a8d38f5c4a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		4	44	197,5424
166c4d2c-a8a1-486b-82f2-2b36177eaca6	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	44	46,552
70db304a-7018-4bd2-9745-ada30c8e18bb	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		4	44	197,5424
94e7a7a1-acb8-462a-a99e-46e4d416e3d2	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712
90d745a3-a52a-46bd-a804-0b4e8a752c5d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712
60b5bcd0-93aa-47fb-ab67-16e808b8e255	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		2	44	93,104
bade18ea-db19-4cc6-adc1-dc49d2624549	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		3	44	148,1568
3787324d-9ed3-4a4d-beba-0fc321901d45	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
a7e37805-3e2d-4c2f-91b2-b3dea879f629	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,75	44	37,0392
39f3fd86-4419-4778-a70e-77fc0ebbe313	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
eb5a0c4c-127e-4afa-be24-721a432f9798	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856

7e29a28e-8475-4a04-9538-a47735710cbe	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
ae89a94f-c41d-491b-9db1-15f5ef617961	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	44	148,1568
f4c9d8f7-13e6-4575-8bcb-176e657654fd	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	44	148,1568
33f3c083-4f49-458c-be12-81c63d8ac287	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
23f85d93-f77c-4235-8546-186c60845726	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
44ba0d02-29b5-4c5f-80bc-ee04da73ab5c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	44	148,1568
a18e1efe-4713-47ec-9652-323accb8764d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
600d0074-9f9e-4e78-9f00-7b072ff825f4	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
fd56382f-14a3-417a-be69-fa70306d392d	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	44	148,1568
e43558ab-25a3-44d6-95b5-df07bd64c7c3	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
0fab1bf6-5611-453b-a578-338ff2c870cf	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,75	44	40,26
2e392ae5-d30a-43c1-a562-fba0e8f38cba	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
f81ee64c-ac26-4b84-bd80-b4a245ef5fa0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
ad1e14cf-2cac-4731-92f1-796746b505d2	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
b8406949-a564-4393-8cac-1e78d2590df6	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	130	364,78
6c6954e1-31ba-449b-883e-8a0220542748	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2,5	130	343,85
c258879e-3226-42a5-aa85-92b92db4883b	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
c3e6b2f5-30eb-4a34-9b6e-f5f4b6f6d723	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912

d99f8fcc-8df8-4cdd-9d9e-bbee1615f0ea	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
70219bff-8d88-44d1-ad52-1cccc05fa377	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	0,5	44	26,84
e74b2283-3132-4ff9-966f-5aaf4f4dea99	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
967c0aab-d54d-4794-aa02-4db653ec9746	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
bfb80de3-1ae7-4091-a7a0-23361ebef688	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
acd34e4f-e220-4499-8076-6a10323a3db7	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	1	44	50,6
05af4ab9-f26a-4088-87a1-a22cfd429ffc	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3	60	190,44
4c45f3b1-2ef7-47e4-aefa-2bb460e7af25	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	60	126,96
8d50fffb-42ba-4ec7-ac2b-28a67dc82e8d	low activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	60	126,96
2f91b8b8-82ef-4a63-a439-cd06d6148836	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
d67a4c52-e731-4216-b7f7-b3e8e78e57e6	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
f4f165bf-a1c8-41bc-a30a-01fde9017773	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	4	44	197,5424
6afc0c55-a80e-40dc-9067-2d89540aea7e	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
be699cb9-190d-4451-9627-8d2f6e9ec83b	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,5	88	47,9776
87d330f0-dc87-4215-b897-b06e7a0ac04e	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	88	191,9104
547ef58f-d45a-4627-939b-75f9b1b51aac	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,5	88	45,0824
68943b6b-8142-416f-8f68-bbc1a2e19bee	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	2	80	245,904
ce66fe9c-5d1b-4790-af96-9c0b4ac374a9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712

de757e68-74f1-452d-a8cd-86fc340568d1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		2	130	291,824
47a33f63-af93-4b62-9c91-ef074265fe97	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41		0,5	80	65,424
2b786684-b5e1-44e7-8c8d-c67af04baf91	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		2	88	180,3296
5ee4596f-6bbb-4119-bf1f-013b80ac0d3d	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		1	88	90,1648
fc1b4722-64dc-4751-8391-fa2e2cd9d6d6	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		3	130	437,736
7703f86e-0bf2-4876-93a4-e8f62ec5b2fd	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		0,5	80	40,984
212b4e3e-129d-4d8c-b6dc-15ee63a46597	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		3	130	412,62
cf2d0114-3d2f-4f0d-a36b-e3ced3a69c84	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		0,5	44	23,276
7e49dfdc-c74a-4cf0-b744-93e4a0c9993a	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	44	46,552
1e82362f-e144-4d01-8840-409c73448989	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1		0,5	88	47,96
7174c3fb-0649-421b-ba13-4bf4db40f889	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94		2,5	88	239,888
9643bccc-7a1c-4570-948e-ccf305229a4e	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		3	88	270,4944
807154e2-ec12-442e-9faf-d7e55c1431e1	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41		1	88	135,2472
3ae8705f-089a-47a2-9da4-42f6f98fd463	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44		1	130	228,384
e69692d3-f30a-4cb7-9e0c-567cc876c3d5	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1,5	130	218,868
f9a07b31-9772-478c-873a-2785fe7c7fc5	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44		0,25	130	57,096
c3c63210-dcb1-41cf-868e-13bbd7971f07	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		1	44	46,552
a2a86d6b-9e88-418f-aad8-2ca3cd56a821	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41		5	80	614,76

286bc146-fafe-4ed1-bf91-8714613bb498	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44		4	44	309,1968
297dca39-e3e1-4112-b06e-e6dc60deb3b3	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		2	44	93,104
5d3feda9-536c-4e8f-839e-01b89f56c8b3	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		0,75	44	34,914
43bb15b6-8fda-4a06-ba1a-6f6f12c4a799	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
19dcbe51-cc18-4792-8b5d-62df06647a97	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
8e06bb56-1231-4979-9d87-a269ac1d40df	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
024b1393-547b-459a-9d3f-1fb54c376fc4	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		4	44	197,5424
10a7624f-3036-4e80-9839-c693718f7c58	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712
a6294d5f-eed1-4f6d-884e-47bc450707f0	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,5	44	24,6928
d769a89e-81a3-4b4d-aea4-eeed647a82a8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
20fc3839-aff4-4b34-addf-fe6e08c82911	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,5	44	24,6928
5eaae1c9-4bd6-41c2-b893-ff2dca23b9f9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,5	44	24,6928
e5c7d695-00ca-4562-9ede-841ff5be8de8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
c825d22a-3c61-483f-af78-ea90344200ec	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
1fcb5315-45ed-4a29-8a34-50a26730c6ea	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41		1,5	80	184,428
d3db4874-d450-4a2d-950f-af66b1d54a6f	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		0,75	44	34,914
9aebf7af-4b94-4925-9dd3-638c34b612a5	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,5	44	24,6928
b9e87780-d4b2-483b-a85a-2c7d9f3b86b3	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,5	44	24,6928

75b0fe6e-2828-4b80-b745-e4b01157e727	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	130	215,28
18a9add6-bdb4-473f-ba7f-a6521c6bfde1	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
b8645114-45f0-4e17-9f7f-6d983717fb6a	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
0a8ff058-171f-4286-bf2c-4332bf475469	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	130	215,28
85934533-7b75-482a-8e1f-4957c8b4fe6b	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
88f153ee-accd-468e-8772-b00e2bfa68df	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	4	130	861,12
0936da1f-dbce-48f3-9ef0-9448c3d2e4f3	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
1620a2c2-fa16-4a19-b351-e97e70264f5c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	130	364,78
dedef69a-5a65-40bf-8dba-36c696171759	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
0a9eee1a-a8f4-402e-97ed-a867fa3cfebf	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
1ea9b8d5-be72-485d-b8bb-3ae83ef603a5	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
59e7849c-3ceb-4ed5-b4ec-633939f0ef74	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1,5	80	122,952
0ff54016-6d3a-4976-ab72-82c57998cda8	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	6	80	523,392
e6d35698-b828-4dc1-b3ba-a102cd6f8f32	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,25	130	171,925
5bd3c51f-2202-46c4-a16a-5da1237442a0	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	4	80	348,928
5708b6ee-b503-469c-94bc-84a9c028ee3d	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,75	130	171,288
2999e7b5-f301-40e9-a23f-1e8c699382e3	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
47598b98-2b1b-422f-831b-568f57d8145d	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,5	80	43,616

8ed4bc8c-6ddd-4b58-a705-b0ed9a31b08e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		2	130	291,824
82412ed1-70a2-4e5f-9119-339007559efc	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		2	130	291,824
8a1c7ef2-5cca-4b5b-a1d4-3fcc0224fa16	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		3	130	437,736
c9cc1f6e-954f-429b-ae44-b23915d06414	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		3	130	437,736
cf0995a3-2941-4996-bdfd-13da3aedf2b2	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
c4e7ade1-6325-4392-b83f-81a6405140bd	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		0,75	130	109,434
d3ed4fc5-92c8-4399-8c47-16902e234018	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92		3	130	412,62
4b26ec7a-d971-4679-a4d0-4fd1daf78359	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
81ef7316-07d8-460e-82e0-24929afe5739	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44		1,8	130	411,0912
51d16113-1588-4a8a-84c5-e4a2cc981649	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94		1,5	88	143,9328
3f27a893-fc27-4d1c-9ad1-36afb5dbe5aa	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94		3	88	287,8656
c758b2bf-aa7b-45e7-a2f0-284d3718305f	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		2	88	180,3296
de4ac39a-f1be-4d5f-97af-a5783ee20767	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41		1	88	135,2472
5396ab7f-fcb0-4fc1-b243-053db249ecc7	high activity clay	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		2	88	180,3296
22bb5594-73fc-4423-b336-dd387f7cc53b	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41		2	88	270,4944
53fe81d3-9bd7-4077-8ace-917a48bd25e7	high activity clay	Tropical Montane	No_till	yes	Medium	1	1,16	1		1	88	102,08
c84bbfbc-a9b2-47ef-8368-e3b539b0c06e	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		0,5	80	40,984
f879896d-d89a-4ad6-a17a-590235aaa210	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		2	80	163,936

a9371e65-34b6-44ad-b48d-e24b97d61446	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	80	174,464
c8401937-bfa4-492c-b303-63d3b8f6a5b1	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	80	174,464
1d169fe4-1689-42d0-a5e9-fa7fd19b6965	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,75	80	65,424
952a4ad7-a105-43df-91bc-608dafb12d2f	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,75	80	61,476
05ece746-874d-4406-8338-cb1bb1189665	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	80	174,4
a85eaf38-e623-49a4-a636-b35c50197847	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
0e737f41-acea-4802-b377-26662fe32b11	high activity clay	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	0,5	88	71,9664
f3750cbe-9b8b-4056-b037-f1e02146a299	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1,5	88	202,8708
bfd578fd-1389-47af-82eb-f33e8cb31c80	high activity clay	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	2	88	270,4944
21a80041-36f4-467f-9416-5ab168ddcdc7	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
72fb1cd7-120b-46ea-8ee6-1ac5c44e805c	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
c02f0179-2a57-4c43-aa02-488109f1a1f6	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,4	130	55,016
01207a75-48c0-4857-a111-55c0fb45b85e	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
9c19b29c-8a8b-4343-a4f6-07a37daaffb1	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
a8a280db-2f76-4151-96fa-f7dd2e255ea0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
21c54403-c6da-4085-9519-41f62cfd39a7	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
7807eab1-b2fd-45fe-b052-04e6f3f4988a	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	5	130	687,7
312adbe0-dc1e-433e-b959-1903ce7c39af	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	5	130	687,7

27402834-64dc-4a52-a562-5b4a5de95e82	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	44	69,828
13bacb8d-fa2b-43d8-a41f-165b2c7aa1bb	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
7b1493c9-f98b-4e66-bbec-05fb647312d7	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1,5	80	122,952
46869a3b-69d9-41d0-a1b1-d2ff4ca30d21	high activity clay	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41	1	88	135,2472
ec9660fd-baca-43c1-a6a2-1293d2e0aef7	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	3	80	245,904
3a112ab6-a356-47bd-962d-22a2b94a41dc	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	6	80	491,808
d5ceb98f-80a5-4acf-901b-f9e25f5296b3	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,5	80	40,984
ad6049e6-be7b-4a97-82a2-7aee3eb6aa0c	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2,5	130	343,85
53f116e5-90ed-44c9-b27f-54d3b2300e30	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
9c49d9ed-892c-42d6-8ac6-85ed3e6dc3d2	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
bb257869-d952-4277-9274-10a24780acba	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,4	130	204,2768
b51ce631-a453-4417-b01d-a769a3c0f6cb	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
b81d5418-9f34-432d-9235-9d0f14252f07	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
a22d344b-e425-432b-bbe8-e14f73d9b306	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2	130	291,824
806670f0-6901-4003-b843-2ab7494f3eb2	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
7d0dd014-d029-4076-863c-f67eb8c892a3	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
2171669a-218b-470a-8221-18834ba0554e	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	130	109,434
7ea5c370-c065-4b9c-a0e3-22657c474c31	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856

6d51dee8-5e9d-40fd-8930-bd56f5fa8933	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	44	93,104
92a05b24-16a0-45cc-b366-d4a4cc2e76b5	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
843ff3c3-7567-426a-85bb-82d7f6d8f8d9	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
d17c068f-d374-466a-9cfa-8e75aea3ed94	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	3,5	130	510,692
8bdc4484-3827-4c8e-a21e-fa02ab01e4a5	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	0,3	80	39,2544
df57bd83-5a0f-4197-901f-7ac8c0c2fbb7	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
599fd46a-b113-4b41-bb47-58d3006b4936	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,75	80	65,424
070a9ded-4f6e-478a-b7f1-04688c9e0917	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
d6465374-8c3a-476c-ae97-137b4298c1f0	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
3958ea1e-e0ca-442b-86a3-99c7cec5af3e	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
77290e4d-c9d3-4fb8-8400-7c0f39ea9145	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
9a983bc8-c006-4c39-8db1-c5c17aa68970	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
569d4744-5886-432d-adf8-e018e4c28473	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
70c23282-3daa-437f-af34-f1955dceb759	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1,5	80	122,952
d2c8a88f-ac8a-4ade-aa82-69102e33eb3c	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,5	80	40,984
4c054aea-103f-4668-bc4d-80845ee3406c	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
6734df46-b81e-4c31-b41b-cb3413e8be9f	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	80	174,464
2c0eda14-1c54-4f12-b62a-eec1dfbba849	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232

f7603f8d-2807-46dc-ac69-c2704d6b32db	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		3	80	261,696
e0c90499-9255-43e9-a2a5-ef355aff566d	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		0,5	130	107,64
d83241ba-4fbf-4d1a-b06f-93395f955970	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		3	130	645,84
b9d87584-1197-4622-94a1-4dae2e18f7e4	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44		2	130	430,56
a0bdaec7-b9e9-46af-94c4-6b6704eb97cd	volcanic soils	Tropical Montane	Reduced_tillage	yes	High with manure	1	1,09	1,41		4	80	491,808
c170be3c-6613-42c1-a535-54a13405a8f4	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94		2	80	163,936
b9943a78-490f-4e46-836d-5ca529a66b91	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712
56614244-0bc7-487a-ae42-1887eae1f1be	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		0,25	44	12,3464
bbc44567-f22a-4116-a651-0aa94ff42446	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		2	44	98,7712
9511b9bd-f733-4808-bfbc-73b5f4212d20	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
e1bef2ed-17d5-47fd-9bd3-d7cd48f65c91	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		1	80	87,232
98857637-4053-406f-9647-fb0a8363af9e	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		1	44	49,3856
39ebac71-f099-4ed0-a995-a254ec1d1c57	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		1	80	87,232
acdd4f40-20d4-41f5-9abf-6d0427b44b6b	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94		0,25	80	21,808
ed5b3e7b-b3b8-4391-a576-f0b300235dcf	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92		3	44	148,1568
5350c8fa-a7dc-466f-a5f2-24aad6fbc2d5	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
0a141ab7-af46-44f0-8359-3444af6f81e8	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912
2166ec15-ff0e-4eaa-80d7-a0d7c94a53d5	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92		1	130	145,912

f282b744-4170-4b45-a557-fd338a7999b6	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	0,5	130	114,192
a9a05607-f427-4fbf-8261-6acbe6f9692a	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6
b9690216-e7f1-4644-a4db-0d6a73efbc70	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
1a8e46f0-0c19-4739-a293-9ed9718f84b8	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	3	44	148,1568
ca1c8d98-0dac-4967-9cd2-d4d6def04ad1	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	2	130	430,56
926a691d-4593-47c7-b0e1-de43f39128ef	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
72fe4d4c-1131-4347-b2f1-9d1f914ebefa	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	130	456,768
4404f9f5-db36-4530-a667-dba0f58537a9	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	130	36,478
1e91215a-18e0-4570-8796-33365a46d2ec	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,25	130	182,39
c1cc0bac-1544-4018-825b-40f638aeaacb	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	6	130	1370,304
5994f0c5-274e-4bee-a333-1f6592370784	volcanic soils	Tropical wet	Reduced_tillage	yes	High with manure	1	1,15	1,44	2	130	430,56
cf1e1b7e-7f24-42d2-a594-25f0ac394b9b	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	1	130	215,28
6eb34ebf-d62e-4ee7-bf3b-7741246a9864	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	130	228,384
f5f32e15-e30b-4419-9c7e-847fc959d2dd	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
3f4b2f47-ec2e-4562-956e-91407402d714	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	44	37,0392
c00906c0-3821-4850-aefb-c3545063a405	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	44	37,0392
7b7cbbff-4a28-4ad7-a6cf-e886e014862a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	4,8	44	237,05088
6474bc87-a68e-4e14-8141-42699181d397	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712

2340ccec-4f56-49cd-b6b1-c97b35a67495	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	44	12,3464
7179f056-7eb2-4309-92f2-56902e3eccf3	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	44	12,3464
8c940341-6680-46e6-8f43-692bc8be04a1	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
8abcda28-b1ad-4eec-95e2-cd9f172b61fa	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,75	44	37,0392
163d1e4b-3009-43e1-9152-14b029f1e957	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
c47b7277-bdbc-4c59-95ac-64998cb77e3a	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,25	44	12,3464
184367f2-bf38-4953-a912-9d9b0e13075c	high activity clay	Tropical wet	Reduced_tillage	yes	Medium	1	1,15	1	2,5	44	126,5
cc8ddf91-0eb2-40d4-8914-ce0fbfce9099	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,5	44	23,276
29e78bd2-2809-48c9-8080-b44de6ffc7e2	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	0,25	44	11,638
4aa96ee8-1132-4d9d-bcee-70e9cd1c457f	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
7f32e805-2877-4487-bd9e-ca61bb4ca481	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
263c805b-0b87-4beb-a6a8-4770db894f11	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	0,5	80	65,424
2a7ca57c-7a71-430f-af39-35e3914658a7	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,5	80	43,616
1dce3ec8-2ade-475e-8528-a9abe8f411bb	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	4	130	550,16
28d8eea4-bcf9-4237-8653-47a4349350a4	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	2	130	275,08
4fd90a18-77fc-41d5-875c-bf1cb64c4e92	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
186b1516-7e82-47ad-be9a-3c2bb5060fcb	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
eca573a5-b68a-4895-9168-c302fc335a7b	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	130	206,31

76766113-b0be-4907-8be9-ac1ee8f80eda	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,35	80	30,5312
aa651ce7-85d0-47ff-8c31-84c23297c15c	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1,5	80	122,952
838b6a7c-4f07-4ad1-899e-984c77c5008d	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,25	130	171,925
698e442d-844c-48c8-b29d-90eb04b495d1	volcanic soils	Tropical wet	No_till	no	High with manure	1	1,22	1,44	2	130	456,768
f00052af-eb2a-465d-a8ff-b356d11693e7	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
70974b95-335e-4aec-9245-e6771dadca81	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	2,25	80	196,272
225eb42e-84f6-4e81-bb38-240f03124824	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	3	130	412,62
72e6fcc6-a31e-4fe1-a6fa-6f3f3d884e73	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
28ba47f5-a3d6-48d5-845e-f6f385e21b7c	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	130	206,31
573743d4-d4e8-454f-a7a9-cfc12fc9534b	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	0,5	80	40,984
12239559-fa6f-4fc1-a64c-5591677f4a42	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	3	80	245,904
5e7c0d9e-ed33-4356-af7c-6e205492eb53	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,5	130	206,31
f997f11d-5627-4244-a2ca-38e4b5e754af	volcanic soils	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	130	137,54
276ba930-d60a-4393-a3b5-5fd7e7918a93	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
8c7d0c7e-ed79-4eba-b294-b7e1cf41e191	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
09afa4eb-4198-4722-8744-87f62762c87f	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
dc4cc4e9-751c-451b-b073-3ea45b241251	volcanic soils	Tropical wet	Reduced_tillage	no	High with manure	1	1,15	1,44	0,5	130	107,64
d1256555-9415-43df-ac85-a548be3fb22b	volcanic soils	Tropical wet	No_till	yes	Medium	1	1,22	1	1	130	158,6

eec7ae13-c309-4f1f-ac8b-1653df7fcda5	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1	130	145,912
fd315ffd-5e19-4077-949e-f2042e59ad72	low activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1,25	60	131,76
be7bfbafe-9dca-47c3-90d7-7429a0d7339b	volcanic soils	Tropical Montane	Reduced_tillage	no	Low	1	1,09	0,94	1	80	81,968
0d4924eb-4f0a-4464-bc2d-a9643770f715	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	130	72,956
0007e75e-570d-4f96-84d8-75a7ba532f7f	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	0,75	80	65,424
0ecda3b3-8dba-48ea-9fa6-b57f760b1d24	volcanic soils	Tropical Montane	No_till	no	Low	1	1,16	0,94	1	80	87,232
4b4f15cf-e545-4a2e-ae8-faeb6d784023	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
8f01aa1a-c855-4926-b5d2-ea91259c407a	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	1	44	77,2992
0c59dfda-45d6-4d8b-a76e-6e253ee9ebe9	high activity clay	Tropical wet	No_till	no	High with manure	1	1,22	1,44	3	44	231,8976
ada8e6e0-5d5b-4922-beb2-bd475f26cf1d	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1,75	44	81,466
176683ae-5f19-421b-8d50-2440ce5f4f32	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	4	44	197,5424
1a5e508d-1fdb-4c09-91ef-77bc6bd7cd0c	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
41d41244-1a39-4a3f-bba4-ebc9883f83e3	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
ae180db0-9856-40eb-b639-d08f1cdae74f	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	2	88	191,9104
cecf9991-94ec-405b-a9b2-9c6e9aecdd6f	volcanic soils	Tropical Montane	No_till	no	High with manure	1	1,16	1,41	1	80	130,848
825e9855-73da-417a-a062-77dfc729b551	high activity clay	Tropical wet	Reduced_tillage	no	Low	1	1,15	0,92	1	44	46,552
1c9985b7-2267-4f62-9e9f-e06c3d11232a	volcanic soils	Tropical Montane	Reduced_tillage	no	High with manure	1	1,09	1,41	1	80	122,952
c6623e3c-3f50-40e3-b03c-d1d9e3c5ec80	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	80	92,8

05080152-5e23-4be0-aed5-d78d1b4b2fbc	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	80	92,8
c25363b3-8c8d-473e-a3d0-0430f57467c8	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	2	80	185,6
64c7e947-3a50-41b8-8d5f-15771bd76634	high activity clay	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	2	88	191,84
813472d9-1883-40f5-8af6-c8a52f9cf2e0	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	1	44	53,68
10e4fbd8-e5bf-4c45-b097-b7b6ab39a500	high activity clay	Tropical Montane	No_till	no	Low	1	1,16	0,94	1,5	88	143,9328
60c6e9dd-30c3-405e-80b4-63af90196cfa	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	4	80	371,2
d49aa339-7aa8-4f9d-a779-dd930cf09552	volcanic soils	Tropical Montane	No_till	yes	Medium	1	1,16	1	1	80	92,8
e962853d-be3c-4e9e-a80c-e37623672ad2	volcanic soils	Tropical Montane	Reduced_tillage	yes	Medium	1	1,09	1	1	80	87,2
435d2080-1c55-4d22-bcb3-62c079e809ec	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,3	44	14,81568
1d3f5933-6aee-4bd2-9de7-5626d4322e61	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	0,5	44	24,6928
bb37d4ee-aa5e-4a31-88fa-996b2b0792f9	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	60	134,688
65622fb8-0b30-4778-940e-0c2c700b96bf	low activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	60	134,688
956070a2-f1cc-4c72-b2b8-d8f18ad1ea37	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	2	44	98,7712
accfd51f-6fd8-404d-add6-16ce72b1c01c	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
b52b4644-3f7e-4497-b3b9-1c61d14c0204	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	2,5	130	364,78
c178bebe-dfb4-40fc-a59b-22457a06b57d	volcanic soils	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	130	218,868
d14f76a2-4e38-4b08-a517-dad4e477d8d7	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
c3fb9cb0-c82f-4118-83e6-3b65c7b44353	high activity clay	Tropical wet	No_till	yes	Medium	1	1,22	1	2	44	107,36

ed32aa71-84d2-4f5c-bc63-d2da831978c9	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
298a07a1-82b5-45e8-bb3c-44fad41d8932	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1,5	44	74,0784
7f316d21-a3c0-43d1-8999-3ef31a4ab75b	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856
0513ff9f-0783-4761-8218-52d88d7b6bdc	high activity clay	Tropical wet	No_till	no	Low	1	1,22	0,92	1	44	49,3856