

Table S1. Overview of satellite imagery from Landsat mission used for the calculation of yield zones.

N	Landsat Product Identifier	Platform	Instrument	Level of Processing	WRS Path	WRS Row	Collection Category	Collection Number	Acquisition Date
1	LC08_L1TP_189026_20130526_20170504_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2013-05-26
2	LC08_L1TP_189026_20130627_20170503_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2013-06-27
3	LC08_L1TP_189026_20140614_20170421_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2014-06-14
4	LC08_L1TP_189026_20150516_20170409_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2015-05-16
5	LC08_L1TP_189026_20150601_20170408_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2015-06-01
6	LC08_L1TP_189026_20150703_20170407_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2015-07-03
7	LC08_L1TP_189026_20160502_20170325_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2016-05-02
8	LC08_L1TP_189026_20160518_20170324_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2016-05-18
9	LC08_L1TP_189026_20160603_20170324_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2016-06-03
10	LC08_L1TP_189026_20160619_20170323_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2016-06-19
11	LC08_L1TP_189026_20160705_20170323_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2016-07-05
12	LC08_L1TP_189026_20170505_20170515_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2017-05-05
13	LC08_L1TP_189026_20170521_20170526_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2017-05-21
14	LC08_L1TP_189026_20170622_20170630_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2017-06-22
15	LC08_L1TP_189026_20180508_20180517_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2018-05-08
16	LC08_L1TP_189026_20180524_20180605_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2018-05-24

N	Landsat Product Identifier	Platform	Instrument	Level of Processing	WRS Path	WRS Row	Collection Category	Collection Number	Acquisition Date
17	LC08_L1TP_189026_20180609_20180615_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2018-06-09
18	LC08_L1TP_189026_20190511_20190521_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2019-05-11
19	LC08_L1TP_189026_20190612_20190619_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2019-06-12
20	LC08_L1TP_189026_20190628_20190706_01_T1	Landsat 8	OLI	L1TP	189	026	T1	01	2019-06-28
21	LC08_L1TP_190026_20130501_20170505_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2013-05-01
22	LC08_L1TP_190026_20130618_20170503_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2013-06-18
23	LC08_L1TP_190026_20140520_20170422_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2014-05-20
24	LC08_L1TP_190026_20150507_20170409_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2015-05-07
25	LC08_L1TP_190026_20150608_20170408_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2015-06-08
26	LC08_L1TP_190026_20160509_20170325_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2016-05-09
27	LC08_L1TP_190026_20160525_20170324_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2016-05-25
28	LC08_L1TP_190026_20160610_20170324_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2016-06-10
29	LC08_L1TP_190026_20170512_20170525_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2017-05-12
30	LC08_L1TP_190026_20170528_20170615_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2017-05-28
31	LC08_L1TP_190026_20170613_20170628_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2017-06-13
32	LC08_L1TP_190026_20170629_20170714_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2017-06-29
33	LC08_L1TP_190026_20180531_20180614_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2018-05-31

N	Landsat Product Identifier	Platform	Instrument	Level of Processing	WRS Path	WRS Row	Collection Category	Collection Number	Acquisition Date
3 4	LC08_L1TP_190026_20180616_20180703_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2018-06-16
3 5	LC08_L1TP_190026_20180702_20180716_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2018-07-02
3 6	LC08_L1TP_190026_20190502_20190508_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2019-05-02
3 7	LC08_L1TP_190026_20190518_20190522_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2019-05-18
3 8	LC08_L1TP_190026_20190603_20190618_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2019-06-03
3 9	LC08_L1TP_190026_20190619_20190703_01_T1	Landsat 8	OLI	L1TP	190	026	T1	01	2019-06-19

Table S2. Overview of satellite imagery from Sentinel-2 mission used for the calculation of yield zones.

N.	Vendor Product ID	Platform	Instrument	Product Type	Tile Number	Orbit Number	Vendor Software Version	Production Date and Time
1	S2A_USER_MTD_SAF2A_PDMC_20160506T210005_R122_V20160506T100527_20160506T100527	Sentinel-2A	SAFE	Level-2A	N/A	R122	N/A	2016-05-06T21:00:05
2	S2A_USER_MTD_SAF2A_PDMC_20160523T143616_R079_V20160523T095404_20160523T095404	Sentinel-2A	SAFE	Level-2A	N/A	R079	N/A	2016-05-23T14:36:16
3	S2A_USER_MTD_SAF2A_PDMC_20160622T165635_R079_V20160622T095030_20160622T095030	Sentinel-2A	SAFE	Level-2A	N/A	R079	N/A	2016-06-22T16:56:35
4	S2A_USER_MTD_SAF2A_PDMC_20160625T190622_R122_V20160625T100617_20160625T100617	Sentinel-2A	SAFE	Level-2A	N/A	R122	N/A	2016-06-25T19:06:22
5	S2A_USER_MTD_SAF2A_PDMC_20160702T150856_R079_V20160702T095219_20160702T095219	Sentinel-2A	SAFE	Level-2A	N/A	R079	N/A	2016-07-02T15:08:56
6	S2A_MSIL2A_20170501T100031_N0205_R122_T33UXQ_20170501T100029	Sentinel-2A	MSI	Level-2A	T33UXQ	R122	N0205	2017-05-01T10:00:29
7	S2A_MSIL2A_20170511T100031_N0205_R122_T33UXQ_20170511T100539	Sentinel-2A	MSI	Level-2A	T33UXQ	R122	N0205	2017-05-11T10:05:39
8	S2A_MSIL2A_20170518T095031_N0205_R079_T33UXQ_20170518T095032	Sentinel-2A	MSI	Level-2A	T33UXQ	R079	N0205	2017-05-18T09:50:32

N.	Vendor Product ID	Platform	Instrument	Product Type	Tile Number	Orbit Number	Vendor Software Version	Production Date and Time
9	S2A_MSIL2A_20170528T095031_N0205_R079_T33UXQ_20170528T095531	Sentinel-2A	MSI	Level-2A	T33UXQ	R079	N0205	2017-05-28T09:55:31
10	S2A_MSIL2A_20170620T100031_N0205_R122_T33UXQ_20170620T100453	Sentinel-2A	MSI	Level-2A	T33UXQ	R122	N0205	2017-06-20T10:04:53
11	S2A_MSIL2A_20170720T100031_N0205_R122_T33UXQ_20170720T100027	Sentinel-2A	MSI	Level-2A	T33UXQ	R122	N0205	2017-07-20T10:00:27
12	S2B_MSIL2A_20180421T100029_N0207_R122_T33UXQ_20180421T120642	Sentinel-2B	MSI	Level-2A	T33UXQ	R122	N0207	2018-04-21T12:06:42
13	S2A_MSIL2A_20180506T100031_N0207_R122_T33UXQ_20180506T105839	Sentinel-2A	MSI	Level-2A	T33UXQ	R122	N0207	2018-05-06T10:58:39
14	S2A_MSIL2A_20180513T095031_N0207_R079_T33UXQ_20180513T115532	Sentinel-2A	MSI	Level-2A	T33UXQ	R079	N0207	2018-05-13T11:55:32
15	S2A_MSIL2A_20180513T095031_N0207_R079_T33UXQ_20180513T115612	Sentinel-2A	MSI	Level-2A	T33UXQ	R079	N0207	2018-05-13T11:56:12
16	S2B_MSIL2A_20180521T100029_N0207_R122_T33UXQ_20180521T115717	Sentinel-2B	MSI	Level-2A	T33UXQ	R122	N0207	2018-05-21T11:57:17
17	S2B_MSIL2A_20180531T100029_N0208_R122_T33UXQ_20180531T125926	Sentinel-2B	MSI	Level-2A	T33UXQ	R122	N0208	2018-05-31T12:59:26
18	S2B_MSIL2A_20180610T100029_N0206_R122_T33UXQ_20180610T120934	Sentinel-2B	MSI	Level-2A	T33UXQ	R122	N0206	2018-06-10T12:09:34
19	S2A_MSIL2A_20180705T100031_N0208_R122_T33UXQ_20180705T130953	Sentinel-2A	MSI	Level-2A	T33UXQ	R122	N0208	2018-07-05T13:09:53
20	S2A_MSIL2A_20190518T095031_N0212_R079_T33UXQ_20190518T124045	Sentinel-2A	MSI	Level-2A	T33UXQ	R079	N0212	2019-05-18T12:40:45
21	S2A_MSIL2A_20190508T095031_N0212_R079_T33UXQ_20190522T190105	Sentinel-2A	MSI	Level-2A	T33UXQ	R079	N0212	2019-05-22T19:01:05
22	S2B_MSIL2A_20190526T100039_N0212_R122_T33UXQ_20190526T130259	Sentinel-2B	MSI	Level-2A	T33UXQ	R122	N0212	2019-05-26T13:02:59
23	S2A_MSIL2A_20190531T100031_N0212_R122_T33UXQ_20190531T113527	Sentinel-2A	MSI	Level-2A	T33UXQ	R122	N0212	2019-05-31T11:35:27
24	S2B_MSIL2A_20190602T095039_N0212_R079_T33UXQ_20190602T124536	Sentinel-2B	MSI	Level-2A	T33UXQ	R079	N0212	2019-06-02T12:45:36
25	S2B_MSIL2A_20190605T100039_N0212_R122_T33UXQ_20190605T143319	Sentinel-2B	MSI	Level-2A	T33UXQ	R122	N0212	2019-06-05T14:33:19

N.	Vendor Product ID	Platform	Instrument	Product Type	Tile Number	Orbit Number	Vendor Software Version	Production Date and Time
26	S2A_MSIL2A_20190610T100031_N0212_R122_T33UXQ_20190610T114643	Sentinel-2A	MSI	Level-2A	T33UXQ	R122	N0212	2019-06-10T11:46:43
27	S2B_MSIL2A_20190612T095039_N0212_R079_T33UXQ_20190612T124245	Sentinel-2B	MSI	Level-2A	T33UXQ	R079	N0212	2019-06-12T12:42:45
28	S2B_MSIL2A_20190615T100039_N0212_R122_T33UXQ_20190615T130417	Sentinel-2B	MSI	Level-2A	T33UXQ	R122	N0212	2019-06-15T13:04:17
29	S2A_MSIL2A_20190617T095031_N0212_R079_T33UXQ_20190617T112801	Sentinel-2A	MSI	Level-2A	T33UXQ	R079	N0212	2019-06-17T11:28:01
30	S2A_MSIL2A_20190620T100031_N0212_R122_T33UXQ_20190620T131720	Sentinel-2A	MSI	Level-2A	T33UXQ	R122	N0212	2019-06-20T13:17:20
31	S2B_MSIL2A_20190625T100039_N0212_R122_T33UXQ_20190625T131010	Sentinel-2B	MSI	Level-2A	T33UXQ	R122	N0212	2019-06-25T13:10:10
32	S2A_MSIL2A_20190627T095031_N0212_R079_T33UXQ_20190627T142308	Sentinel-2A	MSI	Level-2A	T33UXQ	R079	N0212	2019-06-27T14:23:08