

**Table S1** – Italian cultivated area for tomatoes (ha) and trend of evolution (%)

	Cultivated area [ha]					Mean [ha]
	2016	2017	2018	2019	2020	
<i>Abruzzo</i>						
- Horticultural open field crops	2,463 100.0	2,450 99.5	2,450 99.5	2,455 99.7	2,455 99.7	2,455
- Horticultural greenhouses	72 100.0	71 99.6	71 99.6	72 100.0	72 100.0	72
<i>Apulia</i>						
- Horticultural open field crops	22,700 100.0	21,195 93.4	20,343 89.6	19,275 84.9	19,205 84.6	20,544
- Horticultural greenhouses	255 100.0	253 99.1	253 99.1	259 101.5	259 101.5	256
<i>Basilicata</i>						
- Horticultural open field crops	3,141 100.0	3,123 99.4	3,046 97.0	2,967 94.5	2,967 94.5	3,049
- Horticultural greenhouses	2 100.0	28 1491.0	30 1611.1	30 1605.3	30 1605.3	24
<i>Calabria</i>						
- Horticultural open field crops	4,669 100.0	4,643 99.4	4,642 99.4	4,574 98.0	4,606 98.7	4,627
- Horticultural greenhouses	123 100.0	149 121.0	150 121.2	155 125.8	159 129.1	147
<i>Campania</i>						
- Horticultural open field crops	5,146 100.0	5,201 101.1	5,075 98.6	4,986 96.9	5,073 98.6	5,096
- Horticultural greenhouses	923 100.0	873 94.6	1,017 110.2	903 97.9	904 98.0	924
<i>Emilia-Romagna</i>						
- Horticultural open field crops	26,701 100.0	25,083 93.9	24,369 91.3	26,596 99.6	25,944 97.2	25,739
- Horticultural greenhouses	95 100.0	96 100.9	101 105.7	93 97.4	96 100.6	96
<i>Lazio</i>						
- Horticultural open field crops	3,273 100.0	3,340 102.0	3,213 98.2	3,135 95.8	3,055 93.3	3,203
- Horticultural greenhouses	1,693 100.0	1,679 99.2	1,703 100.6	2,104 124.3	2,305 136.1	1,897
<i>Lombardy</i>						
- Horticultural open field crops	8,025 100.0	7,550 94.1	7,339 91.5	7,482 93.2	8,001 99.7	7,679
- Horticultural greenhouses	68 100.0	65 95.9	69 101.0	66 97.1	66 97.1	67
<i>Piedmont</i>						
- Horticultural open field crops	1,548 100.0	1,494 96.5	1,477 95.4	1,709 110.4	2,576 166.4	1,761
- Horticultural greenhouses	113 100.0	112 99.5	114 101.2	114 101.2	114 101.2	114
<i>Sicily</i>						
- Horticultural open field crops	12,430 100.0	11,735 94.4	11,640 93.6	11,985 96.4	12,245 98.5	12,007
- Horticultural greenhouses	3,115 100.0	3,092 99.3	3,093 99.3	3,073 98.7	3,053 98.0	3,085
<i>Tuscany</i>						
- Horticultural open field crops	2,460 100.0	2,288 93.0	2,281 92.7	2,438 99.1	2,244 91.2	2,342
- Horticultural greenhouses	58 100.0	59 101.6	59 102.1	57 98.9	55 95.6	57
<i>Veneto</i>						
- Horticultural open field crops	2,088 100.0	2,437 116.7	1,777 85.1	1,709 81.8	1,726 82.7	1,947
- Horticultural greenhouses	289 100.0	253 87.5	229 79.4	368 127.4	211 73.1	270
<i>Others</i>						
- Horticultural open field crops	2,138 100.0	2,131 99.7	2,211 103.4	2,095 98.0	2,074 97.0	2,130
- Horticultural greenhouses	353 100.0	350 99.3	340 96.4	318 90.2	280 79.4	328

**Table S2** - Italian production of tomatoes (t) and trend of evolution (%)

	Production [t]					Mean [t]
	2016	2017	2018	2019	2020	
<i>Abruzzo</i>						
- Horticultural open field crops	108,977 100.0	108,582 99.6	109,048 100.1	108,127 99.2	108,127 99.2	108,572
- Horticultural greenhouses	994 100.0	1,642 165.3	1,650 166.1	1,655 166.6	1,682 169.3	1,525
<i>Apulia</i>						
- Horticultural open field crops	2,018,990 100.0	1,808,725 89.6	1,732,250 85.8	1,663,750 82.4	1,657,050 82.1	1,776,153
- Horticultural greenhouses	20,050 100.0	24,586 122.6	25,750 128.4	23,755 118.5	23,905 119.2	23,609
<i>Basilicata</i>						
- Horticultural open field crops	163,699 100.0	158,845 97.0	155,132 94.8	152,656 93.3	152,656 93.3	156,598
- Horticultural greenhouses	104 100.0	1,522 1461.8	1,642 1576.9	1,568 1506.3	1,568 1506.3	1,281
<i>Calabria</i>						
- Horticultural open field crops	168,793 100.0	155,933 92.4	161,753 95.8	158,267 93.8	157,518 93.3	160,452
- Horticultural greenhouses	7,069 100.0	9,849 139.3	9,973 141.1	10,239 144.8	10,441 147.7	9,514
<i>Campania</i>						
- Horticultural open field crops	323,806 100.0	306,587 94.7	305,276 94.3	305,923 94.5	310,478 95.9	310,414
- Horticultural greenhouses	69,552 100.0	57,997 83.4	76,260 109.6	69,510 99.9	66,465 95.6	67,957
<i>Emilia-Romagna</i>						
- Horticultural open field crops	2,029,856 100.0	1,862,412 91.8	1,683,932 83.0	1,662,633 81.9	1,893,137 93.3	1,826,394
- Horticultural greenhouses	10,465 100.0	9,754 93.2	11,104 106.1	9,226 88.2	9,781 93.5	10,066
<i>Lazio</i>						
- Horticultural open field crops	134,260 100.0	147,989 110.2	181,550 135.2	184,200 137.2	181,830 135.4	165,966
- Horticultural greenhouses	135,470 100.0	131,383 97.0	133,760 98.7	168,310 124.2	190,260 140.4	151,837
<i>Lombardy</i>						
- Horticultural open field crops	541,106 100.0	533,229 98.5	500,775 92.5	462,197 85.4	616,886 114.0	530,838
- Horticultural greenhouses	5,307 100.0	5,038 94.9	5,358 101.0	5,211 98.2	5,167 97.4	5,216
<i>Piedmont</i>						
- Horticultural open field crops	73,989 100.0	72,833 98.4	69,035 93.3	129,338 174.8	189,365 255.9	106,912
- Horticultural greenhouses	6,422 100.0	6,391 99.5	6,418 99.9	6,412 99.8	6,412 99.8	6,411
<i>Sicily</i>						
- Horticultural open field crops	210,740 100.0	209,230 99.3	214,460 101.8	215,641 102.3	223,235 105.9	214,661
- Horticultural greenhouses	204,634 100.0	203,934 99.7	213,204 104.2	223,730 109.3	173,673 84.9	203,835
<i>Tuscany</i>						
- Horticultural open field crops	149,829 100.0	129,310 86.3	131,802 88.0	115,345 77.0	112,071 74.8	127,671
- Horticultural greenhouses	2,856 100.0	2,842 99.5	2,836 99.3	2,755 96.5	2,834 99.2	2,824
<i>Veneto</i>						
- Horticultural open field crops	127,994 100.0	166,360 130.0	94,820 74.1	96,745 75.6	127,140 99.3	122,612
- Horticultural greenhouses	27,976 100.0	22,946 82.0	21,301 76.1	32,797 117.2	20,526 73.4	25,109
<i>Others</i>						
- Horticultural open field crops	107,752 100.0	115,706 107.4	128,559 119.3	128,086 118.9	122,962 114.1	120,613
- Horticultural greenhouses	37,859 100.0	36,910 97.5	37,413 98.8	32,882 86.9	30,215 79.8	35,056

**Table S3** – Sicilian cultivated area for tomatoes (ha) and trend of evolution (%)

	Cultivated area [ha]					Mean [ha]
	2016	2017	2018	2019	2020	
<i>Agrigento</i>						
- Horticultural open field crops	4,700 100.0	4,500 95.7	4,700 100.0	5,000 106.4	5,100 108.5	4,800
- Horticultural greenhouses	182 100.0	170 93.4	170 93.4	170 93.3	170 93.3	172
<i>Caltanissetta</i>						
- Horticultural open field crops	1,600 100.0	1,150 71.9	300 18.8	300 18.8	300 18.8	730
- Horticultural greenhouses	540 100.0	540 100.0	540 100.0	540 100.0	540 100.0	540
<i>Catania</i>						
- Horticultural open field crops	150 100.0	-	150 100.0	150 100.0	150 100.0	150
- Horticultural greenhouses	-	-	-	-	-	-
<i>Enna</i>						
- Horticultural open field crops	140 100.0	140 100.0	140 100.0	140 100.0	140 100.0	140
- Horticultural greenhouses	1 100.0	1 100.0	1 100.0	1 100.0	1 100.0	1
<i>Messina</i>						
- Horticultural open field crops	450 100.0	450 100.0	450 100.0	480 106.7	520 115.6	470
- Horticultural greenhouses	-	-	-	-	-	-
<i>Palermo</i>						
- Horticultural open field crops	3,890 100.0	3,890 100.0	4,050 104.1	4,180 107.5	4,300 110.5	4,062
- Horticultural greenhouses	34 100.0	34 100.0	34 100.0	35 101.5	35 102.4	34
<i>Ragusa</i>						
- Horticultural open field crops	600 100.0	800 133.3	1,030 171.7	1,000 166.7	1,000 166.7	886
- Horticultural greenhouses	2,000 100.0	2,000 100.0	2,000 100.0	2,000 100.0	2,000 100.0	2,000
<i>Syracuse</i>						
- Horticultural open field crops	400 100.0	405 101.3	420 105.0	435 108.8	435 108.8	419
- Horticultural greenhouses	228 100.0	227 99.6	218 95.6	218 95.6	218 95.6	222
<i>Trapani</i>						
- Horticultural open field crops	500 100.0	400 80.0	400 80.0	300 60.0	300 60.0	380
- Horticultural greenhouses	130 100.0	120 92.3	130 100.0	110 84.6	90 69.2	116

**Table S4 - Sicilian production of tomatoes (t) and trend of evolution (%)**

	Production [t]					Mean [t]
	2016	2017	2018	2019	2020	
<i>Agrigento</i>						
- Horticultural open field crops	84,600 100.0	81,000 95.7	84,600 100.0	90,000 106.4	94,300 111.5	86,900
- Horticultural greenhouses	6,370 100.0	4,760 74.7	4,930 77.4	4,915 77.2	4,915 77.2	5,178
<i>Caltanissetta</i>						
- Horticultural open field crops	28,100 100.0	19,550 69.6	1,800 6.4	1,800 6.4	1,800 6.4	10,610
- Horticultural greenhouses	16,200 100.0	16,200 100.0	16,200 100.0	16,200 100.0	16,200 100.0	16,200
<i>Catania</i>						
- Horticultural open field crops	3,500 100.0	- -	3,500 100.0	3,500 100.0	3,500 100.0	3,500
- Horticultural greenhouses	500 100.0	500 100.0	500 100.0	500 100.0	500 100.0	500
<i>Enna</i>						
- Horticultural open field crops	2,100 100.0	2,800 133.3	2,100 100.0	1,680 80.0	1,680 80.0	2,072
- Horticultural greenhouses	320 100.0	320 100.0	320 100.0	320 100.0	320 100.0	320
<i>Messina</i>						
- Horticultural open field crops	9,500 100.0	9,500 100.0	10,000 105.3	10,000 105.3	11,000 115.8	10,000
- Horticultural greenhouses	90 100.0	100 111.1	100 111.1	100 111.1	100 111.1	98
<i>Palermo</i>						
- Horticultural open field crops	45,200 100.0	45,200 100.0	46,900 103.8	48,546 107.4	49,540 109.6	47,077
- Horticultural greenhouses	16,354 100.0	16,354 100.0	16,354 100.0	16,595 101.5	16,738 102.3	16,479
<i>Ragusa</i>						
- Horticultural open field crops	21,000 100.0	35,000 166.7	49,500 235.7	45,000 214.3	46,000 219.0	39,300
- Horticultural greenhouses	140,000 100.0	140,000 100.0	150,000 107.1	160,000 114.3	110,000 78.6	140,000
<i>Syracuse</i>						
- Horticultural open field crops	12,240 100.0	12,180 99.5	12,060 98.5	12,115 99.0	12,115 99.0	12,142
- Horticultural greenhouses	23,500 100.0	24,500 104.3	23,500 100.0	24,000 102.1	24,000 102.1	23,900
<i>Trapani</i>						
- Horticultural open field crops	4,500 100.0	4,000 88.9	4,000 88.9	3,000 66.7	3,300 73.3	3,760
- Horticultural greenhouses	1,300 100.0	1,200 92.3	1,300 100.0	1,100 84.6	900 69.2	1,160