

Sequential and binomial sampling plans to estimate *Thrips tabaci* population density on onion

Supplementary material: List of sampled sites including onion variety, plant phenology, date and sampling season.

| Plot | State | Latitude | Longitude | Date | Sampling Season | Onion Variety | Plant Phenology (BBCH code) |
|------|------------------|---------------|----------------|------------|-----------------|---------------|-----------------------------|
| 1 | Michoacán | 19°52'59.42"N | 101°12'15.84"W | 07/02/2015 | Winter | Carta Blanca | LD (16) |
| 2 | Michoacán | 19°54'10.43"N | 101°14'16.29"W | 07/02/2015 | Winter | Carta Blanca | LD (17) |
| 3 | Michoacán | 19°57'19.29"N | 100°27'24.82"W | 13/02/2015 | Winter | Carta Blanca | LD (17) |
| 4 | Michoacán | 19°57'48.52"N | 100°27'40.67"W | 13/03/2015 | Winter | Carta Blanca | LD (16) |
| 5 | Michoacán | 19°58'4.96"N | 100°27'28.12"W | 14/03/2015 | Winter | Carta Blanca | LD (17) |
| 6 | Estado de México | 18°47'13.29"N | 99°37'24.69"W | 03/10/2015 | Fall | Sterling | DHVPP (43) |
| 7 | Estado de México | 18°46'24.69"N | 99°37'23.93"W | 03/10/2015 | Fall | Sterling | DHVPP (43) |
| 8 | Estado de México | 18°47'7.23"N | 99°37'3.69"W | 10/10/2015 | Fall | Sterling | DHVPP (43) |
| 9 | Michoacán | 19°52'59.42"N | 101°12'15.84"W | 20/02/2016 | Winter | Carta Blanca | LD (18) |
| 10 | Michoacán | 19°53'23.90"N | 101°12'12.25"W | 20/02/2016 | Winter | Carta Blanca | LD (17) |
| 11 | Michoacán | 19°54'10.43"N | 101°14'16.29"W | 21/02/2016 | Winter | Carta Blanca | LD (17) |
| 12 | Michoacán | 19°53'50.61"N | 101°13'59.97"W | 21/02/2016 | Winter | Carta Blanca | LD (16) |
| 13 | Michoacán | 19°57'19.29"N | 100°27'24.82"W | 27/02/2016 | Winter | Carta Blanca | LD (17) |
| 14 | Michoacán | 19°57'48.52"N | 100°27'40.67"W | 27/02/2016 | Winter | Carta Blanca | LD (16) |
| 15 | Michoacán | 19°58'4.96"N | 100°27'28.12"W | 04/03/2016 | Winter | Carta Blanca | LD (18) |
| 16 | Puebla | 18°59'1.33"N | 97°52'27.65"W | 12/03/2016 | Winter | Carta Blanca | LD (16) |
| 17 | Puebla | 18°59'55.71"N | 97°50'22.91"W | 13/03/2016 | Winter | Carta Blanca | LD (17) |
| 18 | Puebla | 19°00'53.98"N | 97°51'50.17"W | 19/03/2016 | Winter | Carta Blanca | LD (19) |
| 19 | Estado de México | 18°47'7.23"N | 99°37'3.69"W | 17/09/2016 | Fall | Sterling | DHVPP (43) |
| 20 | Estado de México | 18°47'13.29"N | 99°37'24.69"W | 24/09/2016 | Fall | Sterling | DHVPP (43) |
| 21 | Estado de México | 18°46'24.69"N | 99°37'23.93"W | 24/09/2016 | Fall | Sterling | DHVPP (43) |
| 22 | Michoacán | 19°52'59.42"N | 101°12'15.84"W | 17/02/2017 | Winter | Carta Blanca | LD (16) |
| 23 | Michoacán | 19°54'10.43"N | 101°14'16.29"W | 17/02/2017 | Winter | Carta Blanca | LD (16) |
| 24 | Michoacán | 19°53'23.90"N | 101°12'12.25"W | 18/02/2017 | Winter | Carta Blanca | LD (16) |
| 25 | Puebla | 18°59'1.33"N | 97°52'27.65"W | 18/03/2017 | Winter | Carta Blanca | LD (16) |
| 26 | Puebla | 18°59'55.71"N | 97°50'22.91"W | 18/03/2017 | Winter | Carta Blanca | DHVPP (43) |
| 27 | Puebla | 19°00'53.98"N | 97°51'50.17"W | 19/03/2017 | Winter | Carta Blanca | DHVPP (43) |
| 28 | Puebla | 18°57'58.42"N | 97°52'58.19"W | 19/03/2017 | Winter | Carta Blanca | DHVPP (43) |
| 29 | Estado de México | 18°47'13.29"N | 99°37'24.69"W | 14/10/2017 | Fall | Sterling | DHVPP (43) |
| 30 | Estado de México | 18°46'24.69"N | 99°37'23.93"W | 14/10/2017 | Fall | Sterling | DHVPP (43) |
| 31 | Estado de México | 18°47'7.23"N | 99°37'3.69"W | 19/10/2017 | Fall | Sterling | DHVPP (43) |
| 32 | Michoacán | 19°52'59.42"N | 101°12'15.84"W | 25/02/2018 | Winter | Carta Blanca | LD (18) |
| 33 | Michoacán | 19°53'23.90"N | 101°12'12.25"W | 25/02/2018 | Winter | Carta Blanca | LD (18) |

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| | | | | | | | |
|----|------------------|---------------|----------------|------------|--------|--------------|------------|
| 34 | Michoacán | 19°54'10.43"N | 101°14'16.29"W | 03/03/2018 | Winter | Carta Blanca | LD (18) |
| 35 | Puebla | 19°00'53.98"N | 97°51'50.17"W | 04/03/2018 | Winter | Carta Blanca | LD (18) |
| 36 | Puebla | 18°59'1.33"N | 97°52'27.65"W | 05/03/2018 | Winter | Carta Blanca | LD (17) |
| 37 | Puebla | 18°59'55.71"N | 97°50'22.91"W | 05/03/2018 | Winter | Carta Blanca | LD (17) |
| 38 | Puebla | 18°57'58.42"N | 97°52'58.19"W | 17/03/2018 | Winter | Carta Blanca | DHVPP (43) |
| 39 | Estado de México | 18°47'13.29"N | 99°37'24.69"W | 20/10/2018 | Fall | Sterling | DHVPP (43) |
| 40 | Estado de México | 18°46'24.69"N | 99°37'23.93"W | 20/10/2018 | Fall | Sterling | DHVPP (43) |
| 41 | Estado de México | 18°47'7.23"N | 99°37'3.69"W | 21/10/2018 | Fall | Sterling | DHVPP (43) |
| 42 | Michoacán | 19°53'23.90"N | 101°12'12.25"W | 02/03/2019 | Winter | Carta Blanca | LD (16) |
| 43 | Puebla | 18°59'1.33"N | 97°52'27.65"W | 16/03/2019 | Winter | Carta Blanca | DHVPP (43) |
| 44 | Estado de México | 18°46'24.69"N | 99°37'23.93"W | 21/09/2019 | Fall | Sterling | DHVPP (43) |
| 45 | Estado de México | 18°47'7.23"N | 99°37'3.69"W | 27/09/2019 | Fall | Sterling | DHVPP (43) |
| 46 | Michoacán | 19°52'59.42"N | 101°12'15.84"W | 01/03/2020 | Winter | Carta Blanca | LD (17) |
| 47 | Michoacán | 19°53'23.90"N | 101°12'12.25"W | 01/03/2020 | Winter | Carta Blanca | LD (19) |
| 48 | Michoacán | 19°57'19.29"N | 100°27'24.82"W | 08/03/2020 | Winter | Carta Blanca | DHVPP (43) |
| 49 | Puebla | 18°59'1.33"N | 97°52'27.65"W | 14/03/2020 | Winter | Carta Blanca | DHVPP (43) |
| 50 | Puebla | 18°59'55.71"N | 97°50'22.91"W | 14/03/2020 | Winter | Carta Blanca | DHVPP (43) |
| 51 | Estado de México | 18°46'24.69"N | 99°37'23.93"W | 20/03/2020 | Winter | Sterling | LD (16) |

DHVPP: Development of harvestable vegetative plant parts

LD: Leaf development, main shoot