

**Table S1** - Number of poplars certified for each clone from 2019 to 2024. In the table are also indicated not- registered clones and clones registered in other Countries. Furthermore, are indicated the MSA clones.

| Not-IT | Clone               | Use | MSA | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      |
|--------|---------------------|-----|-----|-----------|-----------|-----------|-----------|-----------|-----------|
|        | Adige               | W   |     | 1,900     | 7,478     | 9,000     | 6,000     | 2,000     | 3,000     |
|        | AF12                | B   |     | 1,350     | ,         | ,         | ,         | ,         | ,         |
|        | AF13                | W   | x   | 135,605   | 378,350   | 95,458    | 90,471    | 81,500    | 71,450    |
|        | AF16                | B   |     | 105,720   | 141,108   | 64,025    | 89,640    | 15,000    | 16,000    |
|        | AF17                | B   |     | 180,000   | ,         | ,         | ,         | ,         | ,         |
|        | AF18                | B   |     | 233,805   | 280,332   | 249,008   | 139,720   | 70,500    | 139,500   |
|        | AF2                 | B   |     | 2,750     | 18,515    | 13,325    | 5,176     | 6,500     | 7,900     |
|        | AF28                | B   |     | 2,250     | ,         | ,         | ,         | ,         | ,         |
|        | AF34                | B   |     | 6,500     | 336,785   | 312,245   | 439,120   | 240,500   | 580,500   |
|        | AF7                 | B   |     | 26,645    | ,         | ,         | ,         | ,         | ,         |
|        | AF8                 | W   | x   | 594,548   | 465,886   | 377,150   | 404,379   | 457,400   | 503,800   |
|        | Aleramo             | W   | x   | 4,300     | 2,680     | 1,000     | 5,700     | 4,000     | 9,000     |
|        | Baldo               | W   |     | ,         | ,         | ,         | ,         | 2,690     | 200       |
| x      | Beauprè             | W   |     | 3,600     | 585       | 495       | 3,393     | 2,600     | 2,600     |
|        | BIC                 | W   |     | ,         | ,         | ,         | ,         | ,         | 8,090     |
|        | Bellini             | W   |     | 1,300     | 2,300     | 2,300     | 1,500     | 1,000     | ,         |
|        | BL Costanzo         | W   |     | 22,605    | 11,168    | 8,130     | 7,270     | 10,235    | 9,315     |
|        | Boccalari           | W   |     | 9,100     | 8,285     | 6,900     | 6,468     | 7,000     | 7,230     |
|        | Brenta              | W   | x   | ,         | ,         | ,         | 1,900     | 2,000     | 4,000     |
|        | Brigid              | R   |     | ,         | ,         | ,         | ,         | ,         | 2,240     |
|        | Carolina di Santena | W   |     | 17,866    | 11,646    | 11,455    | 3,610     | 2,408     | 2,561     |
|        | Cervino             | W   | x   | 55,500    | 71,483    | ,         | ,         | 3,200     | 6,700     |
| x      | Dano                | W   |     | ,         | ,         | ,         | ,         | ,         | ,         |
|        | Diva                | W   | x   | 89,460    | 95,095    | 82,293    | 90,419    | 57,230    | 91,963    |
|        | Dvina               | W   | x   | ,         | ,         | ,         | 1,900     | 2,000     | 6,950     |
|        | Eiffel              | W   |     | ,         | ,         | ,         | ,         | 3,200     | 3,200     |
|        | Epona               | R   |     | ,         | ,         | ,         | ,         | ,         | ,600      |
|        | Eridano             | W   | x   | ,         | ,         | ,         | 1,900     | 2,000     | 5,180     |
|        | Esus                | R   |     | ,         | ,         | ,         | ,         | ,         | 1,100     |
|        | Everest             | W   |     | 58,500    | 54,747    | ,         | 11,952    | 17,300    | 8,000     |
|        | Harvard             | W   | x   | ,         | ,         | ,         | 1,900     | 2,000     | 700       |
|        | I-214               | W   |     | 1,935,147 | 2,408,588 | 1,990,649 | 1,564,169 | 1,304,114 | 1,742,440 |
|        | I-45/51             | W   |     | ,         | ,         | ,         | ,         | ,         | 270       |
|        | Jean Pourtet        | W   |     | 7,650     | 4,164     | 3,950     | 9,580     | 1,700     | 17,840    |
| x      | Koster              | W   | x   | 13,300    | 10,770    | 12,460    | 20,907    | 29,480    | 40,483    |
|        | Lambro              | W   | x   |           |           |           | 1,900     | 2,000     | 3,800     |
|        | Lena                | W   | x   | 10,600    | 14,478    | 14,775    | 11,353    | 4,000     | 7,500     |
| x      | Ludo                | W   |     | 225       | 225       | 225       | ,         | ,         | ,         |
|        | Lugus               | R   |     | ,         | ,         | ,         | ,         | ,         | 190       |
|        | Lux                 | W   | x   | 2,300     | 1,600     | 1,400     | 3,400     | 2,800     | 8,220     |
|        | Maestrale           | W   | x   | 37,250    | 60,836    | 68,950    | 57,455    | 36,600    | 100,150   |
|        | Marte               | B   |     | 10,500    | 2,744     | 5,418     | 4,487     | 4,000     | 5,900     |
|        | Mella               | W   | x   | ,         | ,         | ,         | 1,900     | 2,000     | 4,500     |

|   |                         |   |   |                  |                  |                  |                  |                  |                  |
|---|-------------------------|---|---|------------------|------------------|------------------|------------------|------------------|------------------|
|   | Missouri                | W | x | 5,000            | 4,197            | 9,801            | 16,423           | 23,600           | 54,850           |
|   | Moletto                 | W | x | 750              | 190              | ,                | 2,170            | 2,000            | 3,000            |
|   | Mombello                | W | x | ,                | ,                | ,                | 2,170            | 2,000            | 4,500            |
|   | Moncalvo                | W | x | 300              | ,                | ,                | 2,200            | 2,000            | 4,500            |
|   | Nero di<br>Brisighella  | R |   | ,                | ,                | ,                | ,                | ,                | 450              |
|   | Neva                    | W |   | ,                | ,                | ,                | ,                | ,                | 400              |
|   | NH1                     | B |   | 2,500            | 15,283           | 17,730           | 17,964           | 15,000           | 53,000           |
|   | NH2                     | B |   | 400              | 985              | 1,188            | ,                | ,                | ,                |
|   | NND                     | W |   | 8,000            | ,                | ,                | 4,900            | ,                | ,                |
|   | Oglio                   | W | x | ,                | ,                | ,                | 1,900            | 2,000            | 3,800            |
|   | Onda                    | W | x | ,                | ,                | ,                | 1,900            | 2,000            | 3,000            |
| * | OP42                    | B |   | 15,500           | 19,660           | 23,640           | 29,940           | 2,400            | 12,000           |
|   | Orion                   | W |   | ,                | ,                | ,                | ,                | ,                | 200              |
|   | Patrizia Inv.           | W |   | ,                | ,                | ,                | ,                | ,                | ,                |
|   | Polargo                 | W |   | 12,820           | 1,500            | ,                | ,                | ,                | ,                |
|   | Rona                    | W |   | ,                | ,                | ,                | ,                | ,                | ,                |
| * | San Giorgio             | ? |   | 700              | 950              | 950              | ,                | ,                | ,                |
|   | San Martino             | W | x | 29,418           | 29,134           | 33,479           | 31,073           | 12,870           | 22,540           |
|   | Senna                   | W | x | 24,510           | 27,880           | 19,865           | 20,772           | 10,107           | 13,470           |
|   | Sile                    | W | x | ,                | ,                | ,                | 1,900            | 2,000            | 1,630            |
|   | Soligo                  | W | x | 3,600            | 1,478            | 990              | 1,900            | 2,000            | 2,800            |
|   | Stura                   | W | x | ,                | ,                | ,                | 1,900            | 2,000            | 7,800            |
|   | Taranis                 | R |   | ,                | ,                | ,                | ,                | ,                | 960              |
|   | Tango                   | W |   | ,                | ,                | ,                | ,                | ,                | 400              |
|   | Taro                    | W | x | ,                | ,                | ,                | 2,000            | 2,000            | 2,100            |
|   | Triplo                  | W |   | 1,500            | 3,280            | 1,800            | 650              | 450              | 250              |
|   | Tucano                  | W | x | 87,880           | 74,700           | 90,378           | 100,661          | 106,394          | 160,919          |
| x | Veesten                 | W |   | ,                | ,                | ,                | ,                | ,                | ,                |
|   | Villafranca             | R | x | 28,850           | 33,236           | 23,662           | 33,729           | 29,850           | 32,420           |
|   | <i>other exp clones</i> |   |   | 38,998           | 72,535           | ,                | ,                | ,                | ,                |
|   | <b>TOTAL</b>            |   |   | <b>3,831,002</b> | <b>4,674,856</b> | <b>3,554,094</b> | <b>3,261,721</b> | <b>2,597,628</b> | <b>3,808,061</b> |