



# HARDI® 4110 NOZZLE

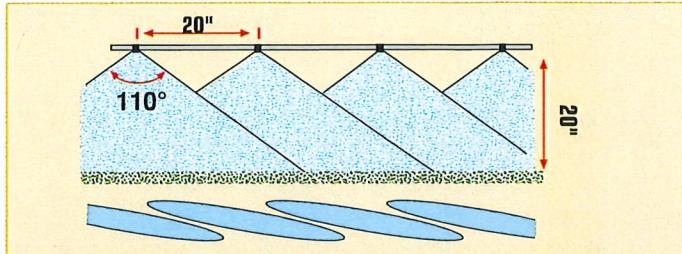


## HARDI® S4110 - 110° Flat spray nozzle – SYNTAL

*Sub F110*

These 110° Flat Fan nozzles give an excellent and uniform liquid distribution at boom heights from a minimum of 16" (20" recommended) and a nozzle spacing of 20".

- This nozzle has an elliptical spray pattern with a 110° angle
- All-round flat spray nozzle
- Application rates from 1,6 to 40 GPM (at 10 MPH)
- Pressure range: 20 – 70 PSI
- SYNTAL precision molded thermoplastic: resistant and durable
- COLOR TIPS™ (CT) – (unibody tips and caps) for safe and easy handling



| PSI              | GPM                     | 5         | 6                       | 7   | 8   | 9   | 10  | 11  | 12  | 14  | 16  | 18  |     |
|------------------|-------------------------|-----------|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CT-4110-08 Lilac | 371469 (12 pcs. 750325) | S-4110-08 | 370655 (12 pcs. 755688) |     |     |     |     |     |     |     |     |     |     |
| 20               | 0.054                   | F         | 3.2                     | 2.7 | 2.3 | 2.0 | 1.8 | 1.6 | 1.5 | 1.3 | 1.2 | 1.0 | 0.9 |
| 30               | 0.067                   | F         | 4.0                     | 3.3 | 2.8 | 2.5 | 2.2 | 2.0 | 1.8 | 1.7 | 1.4 | 1.2 | 1.1 |
| 40               | 0.077                   | F         | 4.6                     | 3.8 | 3.3 | 2.9 | 2.5 | 2.3 | 2.1 | 1.9 | 1.6 | 1.4 | 1.3 |
| 50               | 0.086                   | F         | 5.1                     | 4.3 | 3.7 | 3.2 | 2.8 | 2.6 | 2.3 | 2.1 | 1.8 | 1.6 | 1.4 |
| 60               | 0.094                   | F         | 5.6                     | 4.7 | 4.0 | 3.5 | 3.1 | 2.8 | 2.5 | 2.3 | 2.0 | 1.8 | 1.6 |
| 70               | 0.102                   | F         | 6.1                     | 5.0 | 4.3 | 3.8 | 3.4 | 3.0 | 2.8 | 2.5 | 2.2 | 1.9 | 1.7 |

|                  |                         |           |                         |     |     |     |     |     |     |     |     |     |     |
|------------------|-------------------------|-----------|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CT-4110-10 Brown | 371470 (12 pcs. 750326) | S-4110-10 | 370657 (12 pcs. 755388) |     |     |     |     |     |     |     |     |     |     |
| 20               | 0.085                   | F         | 5.0                     | 4.2 | 3.6 | 3.2 | 2.8 | 2.5 | 2.3 | 2.1 | 1.8 | 1.6 | 1.4 |
| 30               | 0.104                   | F         | 6.2                     | 5.1 | 4.4 | 3.9 | 3.4 | 3.1 | 2.8 | 2.6 | 2.2 | 1.9 | 1.7 |
| 40               | 0.120                   | F         | 7.1                     | 5.9 | 5.1 | 4.5 | 4.0 | 3.6 | 3.2 | 3.0 | 2.5 | 2.2 | 2.0 |
| 50               | 0.134                   | F         | 8.0                     | 6.6 | 5.7 | 5.0 | 4.4 | 4.0 | 3.6 | 3.3 | 2.8 | 2.5 | 2.2 |
| 60               | 0.147                   | F         | 8.7                     | 7.3 | 6.2 | 5.5 | 4.8 | 4.4 | 4.0 | 3.6 | 3.1 | 2.7 | 2.4 |
| 70               | 0.159                   | F         | 9.4                     | 7.9 | 6.7 | 5.9 | 5.2 | 4.7 | 4.3 | 3.9 | 3.4 | 2.9 | 2.6 |

|                   |                         |           |                         |      |      |     |     |     |     |     |     |     |     |
|-------------------|-------------------------|-----------|-------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| CT-4110-12 Yellow | 371471 (12 pcs. 750327) | S-4110-12 | 370661 (12 pcs. 755391) |      |      |     |     |     |     |     |     |     |     |
| 20                | 0.134                   | F         | 8.0                     | 6.7  | 5.7  | 5.0 | 4.4 | 4.0 | 3.6 | 3.3 | 2.9 | 2.5 | 2.2 |
| 30                | 0.165                   | F         | 9.8                     | 8.1  | 7.0  | 6.1 | 5.4 | 4.9 | 4.4 | 4.1 | 3.5 | 3.1 | 2.7 |
| 40                | 0.190                   | F         | 11.3                    | 9.4  | 8.1  | 7.1 | 6.3 | 5.6 | 5.1 | 4.7 | 4.0 | 3.5 | 3.1 |
| 50                | 0.212                   | F         | 12.6                    | 10.5 | 9.0  | 7.9 | 7.0 | 6.3 | 5.7 | 5.3 | 4.5 | 3.9 | 3.5 |
| 60                | 0.233                   | F         | 13.8                    | 11.5 | 9.9  | 8.6 | 7.7 | 6.9 | 6.3 | 5.8 | 4.9 | 4.3 | 3.8 |
| 70                | 0.251                   | F         | 14.9                    | 12.4 | 10.7 | 9.3 | 8.3 | 7.5 | 6.8 | 6.2 | 5.3 | 4.7 | 4.1 |

|                   |                         |           |                         |      |      |      |      |     |     |     |     |     |     |
|-------------------|-------------------------|-----------|-------------------------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| CT-4110-14 Orange | 371472 (12 pcs. 750328) | S-4110-14 | 370672 (12 pcs. 755394) |      |      |      |      |     |     |     |     |     |     |
| 20                | 0.163                   | M         | 9.7                     | 8.1  | 6.9  | 6.0  | 5.4  | 4.8 | 4.4 | 4.0 | 3.5 | 3.0 | 2.7 |
| 30                | 0.199                   | M         | 11.8                    | 9.9  | 8.5  | 7.4  | 6.6  | 5.9 | 5.4 | 4.9 | 4.2 | 3.7 | 3.3 |
| 40                | 0.230                   | F         | 13.7                    | 11.4 | 9.8  | 8.5  | 7.6  | 6.8 | 6.2 | 5.7 | 4.9 | 4.3 | 3.8 |
| 50                | 0.257                   | F         | 15.3                    | 12.7 | 10.9 | 9.5  | 8.5  | 7.6 | 6.9 | 6.4 | 5.5 | 4.8 | 4.2 |
| 60                | 0.282                   | F         | 16.7                    | 13.9 | 12.0 | 10.5 | 9.3  | 8.4 | 7.6 | 7.0 | 6.0 | 5.2 | 4.6 |
| 70                | 0.304                   | F         | 18.1                    | 15.1 | 12.9 | 11.3 | 10.0 | 9.0 | 8.2 | 7.5 | 6.5 | 5.6 | 5.0 |

|                |                         |           |                         |      |      |      |      |      |      |     |     |     |     |
|----------------|-------------------------|-----------|-------------------------|------|------|------|------|------|------|-----|-----|-----|-----|
| CT-4110-16 Red | 371473 (12 pcs. 750329) | S-4110-16 | 370683 (12 pcs. 755397) |      |      |      |      |      |      |     |     |     |     |
| 20             | 0.198                   | M         | 11.8                    | 9.8  | 8.4  | 7.4  | 6.5  | 5.9  | 5.3  | 4.9 | 4.2 | 3.7 | 3.3 |
| 30             | 0.242                   | M         | 14.4                    | 12.0 | 10.3 | 9.0  | 8.0  | 7.2  | 6.5  | 6.0 | 5.1 | 4.5 | 4.0 |
| 40             | 0.280                   | F         | 16.6                    | 13.9 | 11.9 | 10.4 | 9.2  | 8.3  | 7.6  | 6.9 | 5.9 | 5.2 | 4.6 |
| 50             | 0.313                   | F         | 18.6                    | 15.5 | 13.3 | 11.6 | 10.3 | 9.3  | 8.5  | 7.7 | 6.6 | 5.8 | 5.2 |
| 60             | 0.343                   | F         | 20.4                    | 17.0 | 14.5 | 12.7 | 11.3 | 10.2 | 9.3  | 8.5 | 7.3 | 6.4 | 5.7 |
| 70             | 0.370                   | F         | 22.0                    | 18.3 | 15.7 | 13.8 | 12.2 | 11.0 | 10.0 | 9.2 | 7.9 | 6.9 | 6.1 |

= Spray quality: Very Fine (VF), Fine (F), Medium (M), Coarse (C), Very Coarse (VC).

|                 |                         |           |                         |      |      |      |      |      |      |      |      |      |      |
|-----------------|-------------------------|-----------|-------------------------|------|------|------|------|------|------|------|------|------|------|
| CT-4110-30 Blue | 371477 (12 pcs. 750333) | S-4110-30 | 370716 (12 pcs. 755400) |      |      |      |      |      |      |      |      |      |      |
| 20              | 0.523                   | C         | 31.1                    | 25.9 | 22.2 | 19.4 | 17.3 | 15.5 | 14.1 | 13.0 | 11.1 | 9.7  | 8.6  |
| 30              | 0.641                   | M         | 38.1                    | 31.7 | 27.2 | 23.8 | 21.1 | 19.0 | 17.3 | 15.9 | 13.6 | 11.9 | 10.6 |
| 40              | 0.740                   | M         | 44.0                    | 36.6 | 31.4 | 27.5 | 24.4 | 22.0 | 20.0 | 18.3 | 15.7 | 13.7 | 12.2 |
| 50              | 0.827                   | M         | 49.1                    | 41.0 | 35.1 | 30.7 | 27.3 | 24.6 | 22.3 | 20.5 | 17.6 | 15.4 | 13.7 |
| 60              | 0.906                   | M         | 53.8                    | 44.9 | 38.5 | 33.6 | 29.9 | 26.9 | 24.5 | 22.4 | 19.2 | 16.8 | 15.0 |
| 70              | 0.979                   | M         | 58.1                    | 48.5 | 41.5 | 36.3 | 32.3 | 29.1 | 26.4 | 24.2 | 20.8 | 18.2 | 16.2 |

|                 |                         |           |                         |      |      |      |      |      |      |      |      |      |      |
|-----------------|-------------------------|-----------|-------------------------|------|------|------|------|------|------|------|------|------|------|
| CT-4110-36 Grey | 371478 (12 pcs. 750334) | S-4110-36 | 370727 (12 pcs. 755403) |      |      |      |      |      |      |      |      |      |      |
| 20              | 0.721                   | C         | 42.8                    | 35.7 | 30.6 | 26.8 | 23.8 | 21.4 | 19.5 | 17.9 | 15.3 | 13.4 | 11.9 |
| 30              | 0.883                   | C         | 52.5                    | 43.7 | 37.5 | 32.8 | 29.2 | 26.2 | 23.9 | 21.9 | 18.7 | 16.4 | 14.6 |
| 40              | 1.020                   | C         | 60.6                    | 50.5 | 43.3 | 37.9 | 33.7 | 30.3 | 27.5 | 25.2 | 21.6 | 18.9 | 16.8 |
| 50              | 1.140                   | C         | 67.7                    | 56.4 | 48.4 | 42.3 | 37.6 | 33.9 | 30.8 | 28.2 | 24.2 | 21.2 | 18.8 |
| 60              | 1.249                   | C         | 74.2                    | 61.8 | 53.0 | 46.4 | 41.2 | 37.1 | 33.7 | 30.9 | 26.5 | 23.2 | 20.6 |
| 70              | 1.349                   | C         | 80.2                    | 66.8 | 57.3 | 50.1 | 44.5 | 40.1 | 36.4 | 33.4 | 28.6 | 25.0 | 22.3 |

The nozzles are available both as single nozzles (S) and as COLOR TIPS (CT), where the nozzle is integrated in the SNAP-FIT.