

**Jacto**

cannon  
sprayer

**AJ401**



**ECHO**  
cannon sprayer

**APPLICATIONS IN LOW VOLUME (LV)**  
 01) Determine the swath of application to be used.  
 02) Under the swath column, localize the appropriate tractor speed.  
 03) Under the speed column, choose the required volume of application.  
 04) Under the speed column, choose the required volume of application.  
 04) To the left of this chosen volume, determine the correct setting for the flow rate regulating valve.

**DETERMINING THE VOLUME OF APPLICATION**

| SETTING OF THE FLOW RATE REGULATING VALVE | SWATH OF APPLICATION (m) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   | 15                       |     |     |     | 20  |     |     |     | 25  |     |     |     | 30  |     |     |     |
|   | TRACTOR SPEED (Km/h)     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   | 2.0                      | 3.5 | 5.0 | 6.0 | 2.0 | 3.5 | 5.0 | 6.0 | 2.0 | 3.5 | 5.0 | 6.0 | 2.0 | 3.5 | 5.0 | 6.0 |
| APPLICATION VOLUME (l/ha)                 |                          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0.0                                       | 230                      | 131 | 92  | 77  | 172 | 99  | 69  | 67  | 138 | 79  | 65  | 46  | 115 | 66  | 46  | 38  |
| 1.0                                       | 260                      | 149 | 104 | 87  | 195 | 111 | 78  | 65  | 156 | 89  | 62  | 52  | 130 | 74  | 52  | 43  |
| 1.5                                       | 300                      | 171 | 120 | 100 | 225 | 129 | 90  | 75  | 181 | 103 | 72  | 60  | 150 | 86  | 60  | 50  |
| 2.0                                       | 440                      | 251 | 176 | 147 | 330 | 189 | 132 | 110 | 264 | 151 | 106 | 88  | 220 | 126 | 88  | 73  |
| 2.5                                       | 520                      | 303 | 212 | 177 | 397 | 227 | 159 | 132 | 318 | 182 | 127 | 106 | 265 | 151 | 106 | 88  |
| 3.0                                       | 590                      | 337 | 236 | 197 | 442 | 253 | 177 | 147 | 354 | 202 | 142 | 118 | 295 | 169 | 118 | 98  |
| 3.5                                       | 610                      | 349 | 244 | 203 | 457 | 261 | 183 | 152 | 366 | 209 | 146 | 122 | 305 | 174 | 122 | 102 |
| 4.0                                       | 620                      | 354 | 248 | 207 | 465 | 266 | 186 | 155 | 372 | 213 | 149 | 124 | 310 | 177 | 124 | 103 |

**APPLICATIONS IN ULTRA LOW VOLUME (ULV)**  
 USING THE TABLE BELOW

- Determine the swath of application to be used.
- Under the swath column, localize the appropriate tractor speed.
- Under the speed column, choose the required flow rate (ml/min) and to the left of this flow rate, choose the dosage of the chemical product (liters/hectare).
- In the table "flow rate for atomizers" find the nearest flow rate to that presented in the previous table and determine the correct setting for the regulating valve.

**DETERMINING THE REQUIRED FLOW RATE IN ml/min**

| SETTING OF THE FLOW RATE REGULATING VALVE | SWATH OF APPLICATION (m) |     |     |     |     |     |     |      |     |     |      |      |     |      |      |      |
|---|--------------------------|-----|-----|-----|-----|-----|-----|------|-----|-----|------|------|-----|------|------|------|
|   | 15                       |     |     |     | 20  |     |     |      | 25  |     |      |      | 30  |      |      |      |
|   | TRACTOR SPEED (Km/h)     |     |     |     |     |     |     |      |     |     |      |      |     |      |      |      |
|   | 3.0                      | 4.0 | 5.0 | 6.0 | 3.0 | 4.0 | 5.0 | 6.0  | 3.0 | 4.0 | 5.0  | 6.0  | 3.0 | 4.0  | 5.0  | 6.0  |
| APPLICATION VOLUME (l/ha)                 |                          |     |     |     |     |     |     |      |     |     |      |      |     |      |      |      |
| 1.0                                       | 75                       | 100 | 125 | 150 | 100 | 133 | 166 | 200  | 125 | 166 | 208  | 250  | 150 | 200  | 250  | 300  |
| 1.5                                       | 112                      | 150 | 187 | 225 | 150 | 200 | 250 | 300  | 187 | 250 | 312  | 375  | 225 | 300  | 375  | 450  |
| 2.0                                       | 150                      | 200 | 250 | 300 | 200 | 266 | 333 | 400  | 250 | 333 | 417  | 500  | 300 | 400  | 500  | 600  |
| 2.5                                       | 187                      | 250 | 312 | 375 | 250 | 333 | 416 | 500  | 312 | 416 | 521  | 625  | 375 | 500  | 625  | 750  |
| 3.0                                       | 225                      | 300 | 375 | 450 | 300 | 400 | 500 | 600  | 375 | 500 | 625  | 750  | 450 | 600  | 750  | 900  |
| 3.5                                       | 262                      | 350 | 437 | 525 | 350 | 466 | 583 | 700  | 437 | 583 | 729  | 875  | 525 | 700  | 875  | 1050 |
| 4.0                                       | 300                      | 400 | 500 | 600 | 400 | 533 | 666 | 800  | 500 | 667 | 833  | 1000 | 600 | 800  | 1000 | 1200 |
| 4.5                                       | 337                      | 450 | 562 | 675 | 450 | 600 | 750 | 900  | 562 | 750 | 937  | 1125 | 675 | 900  | 1125 | 1350 |
| 5.0                                       | 375                      | 500 | 625 | 750 | 500 | 666 | 833 | 1000 | 625 | 833 | 1042 | 1250 | 750 | 1000 | 1250 | 1500 |

**FLOW RATE FOR ATOMIZERS (ml/min)**

| FLOW RATE (ml/min)              | 320 | 420 | 550 | 810 | 1360 | 1550 | 1610 | 1610 |
|---------------------------------|-----|-----|-----|-----|------|------|------|------|
| SETTING OF THE REGULATING VALVE | 0   | 1.0 | 1.5 | 2.0 | 2.5  | 3.0  | 3.5  | 4.0  |

**APPLICATIONS IN LOW VOLUME (LV)**  
 USING THE TABLE BELOW  
 01) Determine the swath of application to be used.  
 02) Under the swath column, localize the appropriate tractor speed.  
 03) Under the speed column, choose the required volume of application.  
 04) To the left of this chosen volume, determine the correct setting for the flow rate regulating valve.

**DETERMINING THE VOLUME OF APPLICATION**

| SETTING OF THE FLOW RATE REGULATING VALVE | SWATH OF APPLICATION (m) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   | 15                       |     |     |     | 20  |     |     |     | 25  |     |     |     | 30  |     |     |     |
|   | TRACTOR SPEED (Km/h)     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   | 2.0                      | 3.5 | 5.0 | 6.0 | 2.0 | 3.5 | 5.0 | 6.0 | 2.0 | 3.5 | 5.0 | 6.0 | 2.0 | 3.5 | 5.0 | 6.0 |
| APPLICATION VOLUME (l/ha)                 |                          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0.0                                       | 230                      | 131 | 92  | 77  | 172 | 99  | 69  | 57  | 138 | 79  | 55  | 46  | 115 | 66  | 46  | 38  |
| 1.0                                       | 260                      | 149 | 104 | 87  | 195 | 111 | 78  | 65  | 156 | 89  | 62  | 52  | 130 | 74  | 52  | 43  |
| 1.5                                       | 300                      | 171 | 120 | 100 | 225 | 129 | 90  | 75  | 181 | 103 | 72  | 60  | 150 | 86  | 60  | 50  |
| 2.0                                       | 440                      | 251 | 176 | 147 | 330 | 189 | 132 | 110 | 264 | 151 | 106 | 88  | 220 | 126 | 88  | 73  |
| 2.5                                       | 520                      | 303 | 212 | 177 | 397 | 227 | 159 | 132 | 318 | 182 | 127 | 106 | 265 | 151 | 106 | 88  |
| 3.0                                       | 590                      | 337 | 236 | 197 | 442 | 253 | 177 | 147 | 354 | 202 | 142 | 118 | 295 | 169 | 118 | 98  |
| 3.5                                       | 610                      | 349 | 244 | 203 | 457 | 261 | 183 | 152 | 366 | 209 | 146 | 122 | 305 | 174 | 122 | 102 |
| 4.0                                       | 620                      | 354 | 248 | 207 | 465 | 266 | 186 | 155 | 372 | 213 | 149 | 124 | 310 | 177 | 124 | 103 |

**APPLICATIONS IN ULTRA LOW VOLUME (ULV)**  
 USING THE TABLE BELOW

- 01) Determine the swath of application to be used.
- 02) Under the swath column, localize the appropriate tractor speed.
- 03) Under the speed column, choose the required flow rate (ml/min) and to the left of this flow rate, choose the dosage of the chemical product (liters/hectare).
- 04) In the table "flow rate for atomizers" find the nearest flow rate to that presented in the previous table and determine the correct setting for the regulating valve.

**DETERMINING THE REQUIRED FLOW RATE IN ml/min**

| SETTING OF THE FLOW RATE REGULATING VALVE | SWATH OF APPLICATION (m) |     |     |     |     |     |     |      |     |     |      |      |     |      |      |      |
|---|--------------------------|-----|-----|-----|-----|-----|-----|------|-----|-----|------|------|-----|------|------|------|
|   | 15                       |     |     |     | 20  |     |     |      | 25  |     |      |      | 30  |      |      |      |
|   | TRACTOR SPEED (Km/h)     |     |     |     |     |     |     |      |     |     |      |      |     |      |      |      |
|   | 3.0                      | 4.0 | 5.0 | 6.0 | 3.0 | 4.0 | 5.0 | 6.0  | 3.0 | 4.0 | 5.0  | 6.0  | 3.0 | 4.0  | 5.0  | 6.0  |
| APPLICATION VOLUME (l/ha)                 |                          |     |     |     |     |     |     |      |     |     |      |      |     |      |      |      |
| 1.0                                       | 75                       | 100 | 125 | 150 | 100 | 133 | 166 | 200  | 125 | 166 | 208  | 250  | 150 | 200  | 250  | 300  |
| 1.5                                       | 112                      | 150 | 187 | 225 | 150 | 200 | 250 | 300  | 187 | 250 | 312  | 375  | 225 | 300  | 375  | 450  |
| 2.0                                       | 150                      | 200 | 250 | 300 | 200 | 266 | 333 | 400  | 250 | 333 | 417  | 500  | 300 | 400  | 500  | 600  |
| 2.5                                       | 187                      | 250 | 312 | 375 | 250 | 333 | 416 | 500  | 312 | 416 | 521  | 625  | 375 | 500  | 625  | 750  |
| 3.0                                       | 225                      | 300 | 375 | 450 | 300 | 400 | 500 | 600  | 375 | 500 | 625  | 750  | 450 | 600  | 750  | 900  |
| 3.5                                       | 262                      | 350 | 437 | 525 | 350 | 466 | 583 | 700  | 437 | 583 | 729  | 875  | 525 | 700  | 875  | 1050 |
| 4.0                                       | 300                      | 400 | 500 | 600 | 400 | 533 | 666 | 800  | 500 | 667 | 833  | 1000 | 600 | 800  | 1000 | 1200 |
| 4.5                                       | 337                      | 450 | 562 | 675 | 450 | 600 | 750 | 900  | 562 | 750 | 937  | 1125 | 675 | 900  | 1125 | 1350 |
| 5.0                                       | 375                      | 500 | 625 | 750 | 500 | 666 | 833 | 1000 | 625 | 833 | 1042 | 1250 | 750 | 1000 | 1250 | 1500 |

**FLOW RATE FOR ATOMIZERS (ml/min)**  
 FLOW RATE (ml/min)



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Vertical scale markings on the left side of the unit, including numbers 11, 10, 13, 10B, 7, 23, 6, 20, 2, 15, 1, 10, 7, 2, 7.

EXIM  
JAPAN  
B-8+TE  
MIUM