

Calculation: Potential Doses and Margins of Exposure

Scenario: Occupational - Routine Exposure

Pathway: Dermal Contact with Herbicide

Herbicide: Fluridone

Program: Aquatic (Pond)

| Scenario | Application Type | Application Vehicle | Application Method | Receptor | Rate (lb a.i./acre) | Dermal Unit Exposure (mg/lb ai) | Acres Treated per Hour | Hours Per Day | Dermal Abs. Factor | Body Weight (kg) | Dermal Dose (mg/kg-day) | Dermal NOAELs (mg/kg-day) |     |      | Margin of Exposure Dermal Exposure (unitless) |          |          |
|----------|------------------|---------------------|--------------------|----------|---------------------|---------------------------------|------------------------|---------------|--------------------|------------------|-------------------------|---------------------------|-----|------|-----------------------------------------------|----------|----------|
|          |                  |                     |                    |          |                     |                                 |                        |               |                    |                  |                         | Short                     | Int | Long | Short                                         | Int      | Long     |
| Typical  | Aerial           | Plane               | FW                 | P        | 0.41                | 0.0022                          | 250                    | 4             | 0.4                | 70               | 5.15E-03                | 125                       | 25  | 8    | 2.43E+04                                      | 4.85E+03 | 1.55E+03 |
| Typical  | Aerial           | Plane               | FW                 | M/L      | 0.41                | 0.023                           | 250                    | 4             | 0.4                | 70               | 5.39E-02                | 125                       | 25  | 8    | 2.32E+03                                      | 4.64E+02 | 1.48E+02 |
| Typical  | Aerial           | Helicopter          | Rotary             | P        | 0.41                | 0.0022                          | 100                    | 4             | 0.4                | 70               | 2.06E-03                | 125                       | 25  | 8    | 6.06E+04                                      | 1.21E+04 | 3.88E+03 |
| Typical  | Aerial           | Helicopter          | Rotary             | M/L      | 0.41                | 0.023                           | 100                    | 4             | 0.4                | 70               | 2.16E-02                | 125                       | 25  | 8    | 5.80E+03                                      | 1.16E+03 | 3.71E+02 |
| Typical  | Ground           | Human               | Bpack              | A/M/L    | 0.41                | 2.5                             | 0.2                    | 3             | 0.4                | 70               | 3.51E-03                | 125                       | 25  | 8    | 3.56E+04                                      | 7.11E+03 | 2.28E+03 |
| Typical  | Ground           | Human               | Hback              | A        | 0.41                | 0.39                            | 0.75                   | 6             | 0.4                | 70               | 4.11E-03                | 125                       | 25  | 8    | 3.04E+04                                      | 6.08E+03 | 1.95E+03 |
| Typical  | Ground           | Human               | Hback              | M/L      | 0.41                | 0.023                           | 0.75                   | 6             | 0.4                | 70               | 2.42E-04                | 125                       | 25  | 8    | 5.15E+05                                      | 1.03E+05 | 3.30E+04 |
| Typical  | Ground           | Human               | Hback              | A/M/L    | 0.41                | 0.413                           | 0.75                   | 6             | 0.4                | 70               | 4.35E-03                | 125                       | 25  | 8    | 2.87E+04                                      | 5.74E+03 | 1.84E+03 |
| Typical  | Ground           | ATV                 | Spot               | A        | 0.41                | 0.39                            | 0.25                   | 5             | 0.4                | 70               | 1.14E-03                | 125                       | 25  | 8    | 1.09E+05                                      | 2.19E+04 | 7.00E+03 |
| Typical  | Ground           | ATV                 | Spot               | M/L      | 0.41                | 0.023                           | 0.25                   | 3             | 0.4                | 70               | 4.04E-05                | 125                       | 25  | 8    | 3.09E+06                                      | 6.19E+05 | 1.98E+05 |
| Typical  | Ground           | ATV                 | Spot               | A/M/L    | 0.41                | 0.413                           | 0.25                   | 5             | 0.4                | 70               | 1.21E-03                | 125                       | 25  | 8    | 1.03E+05                                      | 2.07E+04 | 6.61E+03 |
| Typical  | Ground           | ATV                 | B/B                | A        | 0.41                | 0.014                           | 0.8                    | 5             | 0.4                | 70               | 1.31E-04                | 125                       | 25  | 8    | 9.53E+05                                      | 1.91E+05 | 6.10E+04 |
| Typical  | Ground           | ATV                 | B/B                | M/L      | 0.41                | 0.023                           | 0.8                    | 3             | 0.4                | 70               | 1.29E-04                | 125                       | 25  | 8    | 9.67E+05                                      | 1.93E+05 | 6.19E+04 |
| Typical  | Ground           | ATV                 | B/B                | A/M/L    | 0.41                | 0.037                           | 0.8                    | 5             | 0.4                | 70               | 3.47E-04                | 125                       | 25  | 8    | 3.60E+05                                      | 7.21E+04 | 2.31E+04 |
| Typical  | Ground           | Truck Mount         | Spot               | A        | 0.41                | 0.39                            | 0.38                   | 6             | 0.4                | 70               | 2.08E-03                | 125                       | 25  | 8    | 6.00E+04                                      | 1.20E+04 | 3.84E+03 |
| Typical  | Ground           | Truck Mount         | Spot               | M/L      | 0.41                | 0.023                           | 0.38                   | 4             | 0.4                | 70               | 8.19E-05                | 125                       | 25  | 8    | 1.53E+06                                      | 3.05E+05 | 9.77E+04 |
| Typical  | Ground           | Truck Mount         | Spot               | A/M/L    | 0.41                | 0.413                           | 0.38                   | 6             | 0.4                | 70               | 2.21E-03                | 125                       | 25  | 8    | 5.67E+04                                      | 1.13E+04 | 3.63E+03 |
| Typical  | Ground           | Truck Mount         | B/B                | A        | 0.41                | 0.014                           | 1.5                    | 5             | 0.4                | 70               | 2.46E-04                | 125                       | 25  | 8    | 5.08E+05                                      | 1.02E+05 | 3.25E+04 |
| Typical  | Ground           | Truck Mount         | B/B                | M/L      | 0.41                | 0.023                           | 1.5                    | 3             | 0.4                | 70               | 2.42E-04                | 125                       | 25  | 8    | 5.15E+05                                      | 1.03E+05 | 3.30E+04 |
| Typical  | Ground           | Truck Mount         | B/B                | A/M/L    | 0.41                | 0.037                           | 1.5                    | 5             | 0.4                | 70               | 6.50E-04                | 125                       | 25  | 8    | 1.92E+05                                      | 3.85E+04 | 1.23E+04 |
| Typical  | Aquatic          | Boat                | B/B (granular)     | A        | 0.41                | 0.0069                          | 6.25                   | 4             | 0.4                | 70               | 4.04E-04                | 125                       | 25  | 8    | 3.09E+05                                      | 6.19E+04 | 1.98E+04 |
| Typical  | Aquatic          | Boat                | B/B (granular)     | M/L      | 0.41                | 0.0069                          | 6.25                   | 4             | 0.4                | 70               | 4.04E-04                | 125                       | 25  | 8    | 3.09E+05                                      | 6.19E+04 | 1.98E+04 |
| Typical  | Aquatic          | Boat                | B/B (granular)     | A/M/L    | 0.41                | 0.0069                          | 6.25                   | 4             | 0.4                | 70               | 4.04E-04                | 125                       | 25  | 8    | 3.09E+05                                      | 6.19E+04 | 1.98E+04 |
| Typical  | Aquatic          | Boat                | B/B (liquid)       | A        | 0.41                | 0.0069                          | 17.5                   | 4             | 0.4                | 70               | 1.13E-03                | 125                       | 25  | 8    | 1.10E+05                                      | 2.21E+04 | 7.07E+03 |
| Typical  | Aquatic          | Boat                | B/B (liquid)       | M/L      | 0.41                | 0.0069                          | 17.5                   | 4             | 0.4                | 70               | 1.13E-03                | 125                       | 25  | 8    | 1.10E+05                                      | 2.21E+04 | 7.07E+03 |
| Typical  | Aquatic          | Boat                | B/B (liquid)       | A/M/L    | 0.41                | 0.0069                          | 17.5                   | 4             | 0.4                | 70               | 1.13E-03                | 125                       | 25  | 8    | 1.10E+05                                      | 2.21E+04 | 7.07E+03 |

Calculation: Potential Doses and Margins of Exposure

Scenario: Occupational - Routine Exposure

Pathway: Dermal Contact with Herbicide

Herbicide: Fluridone

Program: Aquatic (Pond)

| Scenario | Application Type | Application Vehicle | Application Method | Receptor | Rate (lb a.i./acre) | Dermal Unit Exposure (mg/lb ai) | Acres Treated per Hour | Hours Per Day | Dermal Abs. Factor | Body Weight (kg) | Dermal Dose (mg/kg-day) | Dermal NOAELs (mg/kg-day) |     |      | Margin of Exposure Dermal Exposure (unitless) |                 |                 |
|----------|------------------|---------------------|--------------------|----------|---------------------|---------------------------------|------------------------|---------------|--------------------|------------------|-------------------------|---------------------------|-----|------|-----------------------------------------------|-----------------|-----------------|
|          |                  |                     |                    |          |                     |                                 |                        |               |                    |                  |                         | Short                     | Int | Long | Short                                         | Int             | Long            |
| Max      | Aerial           | Plane               | FW                 | P        | 1.3                 | 0.0022                          | 500                    | 6             | 0.4                | 70               | 4.90E-02                | 125                       | 25  | 8    | 2.55E+03                                      | 5.10E+02        | 1.63E+02        |
| Max      | Aerial           | Plane               | FW                 | M/L      | 1.3                 | 0.023                           | 500                    | 6             | 0.4                | 70               | 5.13E-01                | 125                       | 25  | 8    | 2.44E+02                                      | <b>4.88E+01</b> | <b>1.56E+01</b> |
| Max      | Aerial           | Helicopter          | Rotary             | P        | 1.3                 | 0.0022                          | 200                    | 6             | 0.4                | 70               | 1.96E-02                | 125                       | 25  | 8    | 6.37E+03                                      | 1.27E+03        | 4.08E+02        |
| Max      | Aerial           | Helicopter          | Rotary             | M/L      | 1.3                 | 0.023                           | 200                    | 6             | 0.4                | 70               | 2.05E-01                | 125                       | 25  | 8    | 6.10E+02                                      | 1.22E+02        | <b>3.90E+01</b> |
| Max      | Ground           | Human               | Bpack              | A/M/L    | 1.3                 | 2.5                             | 0.4                    | 6             | 0.4                | 70               | 4.46E-02                | 125                       | 25  | 8    | 2.80E+03                                      | 5.61E+02        | 1.79E+02        |
| Max      | Ground           | Human               | Hback              | A        | 1.3                 | 0.39                            | 1                      | 8             | 0.4                | 70               | 2.32E-02                | 125                       | 25  | 8    | 5.39E+03                                      | 1.08E+03        | 3.45E+02        |
| Max      | Ground           | Human               | Hback              | M/L      | 1.3                 | 0.023                           | 1                      | 8             | 0.4                | 70               | 1.37E-03                | 125                       | 25  | 8    | 9.15E+04                                      | 1.83E+04        | 5.85E+03        |
| Max      | Ground           | Human               | Hback              | A/M/L    | 1.3                 | 0.413                           | 1                      | 8             | 0.4                | 70               | 2.45E-02                | 125                       | 25  | 8    | 5.09E+03                                      | 1.02E+03        | 3.26E+02        |
| Max      | Ground           | ATV                 | Spot               | A        | 1.3                 | 0.39                            | 0.5                    | 9             | 0.4                | 70               | 1.30E-02                | 125                       | 25  | 8    | 9.59E+03                                      | 1.92E+03        | 6.14E+02        |
| Max      | Ground           | ATV                 | Spot               | M/L      | 1.3                 | 0.023                           | 0.5                    | 6             | 0.4                | 70               | 5.13E-04                | 125                       | 25  | 8    | 2.44E+05                                      | 4.88E+04        | 1.56E+04        |
| Max      | Ground           | ATV                 | Spot               | A/M/L    | 1.3                 | 0.413                           | 0.5                    | 9             | 0.4                | 70               | 1.38E-02                | 125                       | 25  | 8    | 9.05E+03                                      | 1.81E+03        | 5.79E+02        |
| Max      | Ground           | ATV                 | B/B                | A        | 1.3                 | 0.014                           | 1.6                    | 9             | 0.4                | 70               | 1.50E-03                | 125                       | 25  | 8    | 8.35E+04                                      | 1.67E+04        | 5.34E+03        |
| Max      | Ground           | ATV                 | B/B                | M/L      | 1.3                 | 0.023                           | 1.6                    | 5             | 0.4                | 70               | 1.37E-03                | 125                       | 25  | 8    | 9.15E+04                                      | 1.83E+04        | 5.85E+03        |
| Max      | Ground           | ATV                 | B/B                | A/M/L    | 1.3                 | 0.037                           | 1.6                    | 9             | 0.4                | 70               | 3.96E-03                | 125                       | 25  | 8    | 3.16E+04                                      | 6.32E+03        | 2.02E+03        |
| Max      | Ground           | Truck Mount         | Spot               | A        | 1.3                 | 0.39                            | 1                      | 10            | 0.4                | 70               | 2.90E-02                | 125                       | 25  | 8    | 4.31E+03                                      | 8.63E+02        | 2.76E+02        |
| Max      | Ground           | Truck Mount         | Spot               | M/L      | 1.3                 | 0.023                           | 1                      | 8             | 0.4                | 70               | 1.37E-03                | 125                       | 25  | 8    | 9.15E+04                                      | 1.83E+04        | 5.85E+03        |
| Max      | Ground           | Truck Mount         | Spot               | A/M/L    | 1.3                 | 0.413                           | 1                      | 10            | 0.4                | 70               | 3.07E-02                | 125                       | 25  | 8    | 4.07E+03                                      | 8.15E+02        | 2.61E+02        |
| Max      | Ground           | Truck Mount         | B/B                | A        | 1.3                 | 0.014                           | 2.25                   | 8             | 0.4                | 70               | 1.87E-03                | 125                       | 25  | 8    | 6.68E+04                                      | 1.34E+04        | 4.27E+03        |
| Max      | Ground           | Truck Mount         | B/B                | M/L      | 1.3                 | 0.023                           | 2.25                   | 6             | 0.4                | 70               | 2.31E-03                | 125                       | 25  | 8    | 5.42E+04                                      | 1.08E+04        | 3.47E+03        |
| Max      | Ground           | Truck Mount         | B/B                | A/M/L    | 1.3                 | 0.037                           | 2.25                   | 8             | 0.4                | 70               | 4.95E-03                | 125                       | 25  | 8    | 2.53E+04                                      | 5.05E+03        | 1.62E+03        |
| Max      | Aquatic          | Boat                | B/B (granular)     | A        | 1.3                 | 0.0069                          | 5.8                    | 6             | 0.4                | 70               | 1.78E-03                | 125                       | 25  | 8    | 7.01E+04                                      | 1.40E+04        | 4.48E+03        |
| Max      | Aquatic          | Boat                | B/B (granular)     | M/L      | 1.3                 | 0.0069                          | 5.8                    | 6             | 0.4                | 70               | 1.78E-03                | 125                       | 25  | 8    | 7.01E+04                                      | 1.40E+04        | 4.48E+03        |
| Max      | Aquatic          | Boat                | B/B (granular)     | A/M/L    | 1.3                 | 0.0069                          | 5.8                    | 6             | 0.4                | 70               | 1.78E-03                | 125                       | 25  | 8    | 7.01E+04                                      | 1.40E+04        | 4.48E+03        |
| Max      | Aquatic          | Boat                | B/B (liquid)       | A        | 1.3                 | 0.037                           | 16.7                   | 6             | 0.4                | 70               | 2.75E-02                | 125                       | 25  | 8    | 4.54E+03                                      | 9.08E+02        | 2.90E+02        |
| Max      | Aquatic          | Boat                | B/B (liquid)       | M/L      | 1.3                 | 0.0069                          | 16.7                   | 6             | 0.4                | 70               | 5.14E-03                | 125                       | 25  | 8    | 2.43E+04                                      | 4.87E+03        | 1.56E+03        |
| Max      | Aquatic          | Boat                | B/B (liquid)       | A/M/L    | 1.3                 | 0.0069                          | 16.7                   | 6             | 0.4                | 70               | 5.14E-03                | 125                       | 25  | 8    | 2.43E+04                                      | 4.87E+03        | 1.56E+03        |

Calculation: Potential Doses and Margins of Exposure

Scenario: Occupational - Routine Exposure

Pathway: Inhalation of Herbicide

Herbicide: Fluridone

Program: Aquatic (Pond)

| Scenario | Application Type | Application Vehicle | Application Method | Receptor | Rate (lb a.i./acre) | Inhalation Unit Exposure (mg/lb ai) | Acres Treated per Hour | Hours Per Day | Inhalation Absorption Factor | Body Weight (kg) | Inhalation Dose (mg/kg-day) | Inhalation NOAELs (mg/kg-day) |     |      | Margin of Exposure Inhalation Exposure (unitless) |          |          |
|----------|------------------|---------------------|--------------------|----------|---------------------|-------------------------------------|------------------------|---------------|------------------------------|------------------|-----------------------------|-------------------------------|-----|------|---------------------------------------------------|----------|----------|
|          |                  |                     |                    |          |                     |                                     |                        |               |                              |                  |                             | Short                         | Int | Long | Short                                             | Int      | Long     |
| Typical  | Aerial           | Plane               | FW                 | P        | 0.41                | 0.000068                            | 250                    | 4             | 1                            | 70               | 3.98E-04                    | 125                           | 25  | 8    | 3.14E+05                                          | 6.28E+04 | 2.01E+04 |
| Typical  | Aerial           | Plane               | FW                 | M/L      | 0.41                | 0.0012                              | 250                    | 4             | 1                            | 70               | 7.03E-03                    | 125                           | 25  | 8    | 1.78E+04                                          | 3.56E+03 | 1.14E+03 |
| Typical  | Aerial           | Helicopter          | Rotary             | P        | 0.41                | 0.000068                            | 100                    | 4             | 1                            | 70               | 1.59E-04                    | 125                           | 25  | 8    | 7.85E+05                                          | 1.57E+05 | 5.02E+04 |
| Typical  | Aerial           | Helicopter          | Rotary             | M/L      | 0.41                | 0.0012                              | 100                    | 4             | 1                            | 70               | 2.81E-03                    | 125                           | 25  | 8    | 4.45E+04                                          | 8.89E+03 | 2.85E+03 |
| Typical  | Ground           | Human               | Bpack              | A/M/L    | 0.41                | 0.03                                | 0.2                    | 3             | 1                            | 70               | 1.05E-04                    | 125                           | 25  | 8    | 1.19E+06                                          | 2.37E+05 | 7.59E+04 |
| Typical  | Ground           | Human               | Hback              | A        | 0.41                | 0.0039                              | 0.75                   | 6             | 1                            | 70               | 1.03E-04                    | 125                           | 25  | 8    | 1.22E+06                                          | 2.43E+05 | 7.78E+04 |
| Typical  | Ground           | Human               | Hback              | M/L      | 0.41                | 0.0012                              | 0.75                   | 6             | 1                            | 70               | 3.16E-05                    | 125                           | 25  | 8    | 3.95E+06                                          | 7.90E+05 | 2.53E+05 |
| Typical  | Ground           | Human               | Hback              | A/M/L    | 0.41                | 0.0051                              | 0.75                   | 6             | 1                            | 70               | 1.34E-04                    | 125                           | 25  | 8    | 9.30E+05                                          | 1.86E+05 | 5.95E+04 |
| Typical  | Ground           | ATV                 | Spot               | A        | 0.41                | 0.0039                              | 0.25                   | 5             | 1                            | 70               | 2.86E-05                    | 125                           | 25  | 8    | 4.38E+06                                          | 8.76E+05 | 2.80E+05 |
| Typical  | Ground           | ATV                 | Spot               | M/L      | 0.41                | 0.0012                              | 0.25                   | 3             | 1                            | 70               | 5.27E-06                    | 125                           | 25  | 8    | 2.37E+07                                          | 4.74E+06 | 1.52E+06 |
| Typical  | Ground           | ATV                 | Spot               | A/M/L    | 0.41                | 0.0051                              | 0.25                   | 5             | 1                            | 70               | 3.73E-05                    | 125                           | 25  | 8    | 3.35E+06                                          | 6.70E+05 | 2.14E+05 |
| Typical  | Ground           | ATV                 | B/B                | A        | 0.41                | 0.00074                             | 0.8                    | 5             | 1                            | 70               | 1.73E-05                    | 125                           | 25  | 8    | 7.21E+06                                          | 1.44E+06 | 4.61E+05 |
| Typical  | Ground           | ATV                 | B/B                | M/L      | 0.41                | 0.0012                              | 0.8                    | 3             | 1                            | 70               | 1.69E-05                    | 125                           | 25  | 8    | 7.41E+06                                          | 1.48E+06 | 4.74E+05 |
| Typical  | Ground           | ATV                 | B/B                | A/M/L    | 0.41                | 0.00194                             | 0.8                    | 5             | 1                            | 70               | 4.55E-05                    | 125                           | 25  | 8    | 2.75E+06                                          | 5.50E+05 | 1.76E+05 |
| Typical  | Ground           | Truck Mount         | Spot               | A        | 0.41                | 0.0039                              | 0.38                   | 6             | 1                            | 70               | 5.21E-05                    | 125                           | 25  | 8    | 2.40E+06                                          | 4.80E+05 | 1.54E+05 |
| Typical  | Ground           | Truck Mount         | Spot               | M/L      | 0.41                | 0.0012                              | 0.38                   | 4             | 1                            | 70               | 1.07E-05                    | 125                           | 25  | 8    | 1.17E+07                                          | 2.34E+06 | 7.49E+05 |
| Typical  | Ground           | Truck Mount         | Spot               | A/M/L    | 0.41                | 0.0051                              | 0.38                   | 6             | 1                            | 70               | 6.81E-05                    | 125                           | 25  | 8    | 1.84E+06                                          | 3.67E+05 | 1.17E+05 |
| Typical  | Ground           | Truck Mount         | B/B                | A        | 0.41                | 0.00074                             | 1.5                    | 5             | 1                            | 70               | 3.25E-05                    | 125                           | 25  | 8    | 3.85E+06                                          | 7.69E+05 | 2.46E+05 |
| Typical  | Ground           | Truck Mount         | B/B                | M/L      | 0.41                | 0.0012                              | 1.5                    | 3             | 1                            | 70               | 3.16E-05                    | 125                           | 25  | 8    | 3.95E+06                                          | 7.90E+05 | 2.53E+05 |
| Typical  | Ground           | Truck Mount         | B/B                | A/M/L    | 0.41                | 0.00194                             | 1.5                    | 5             | 1                            | 70               | 8.52E-05                    | 125                           | 25  | 8    | 1.47E+06                                          | 2.93E+05 | 9.39E+04 |
| Typical  | Aquatic          | Boat                | B/B (granular)     | A        | 0.41                | 0.0017                              | 6.25                   | 4             | 1                            | 70               | 2.49E-04                    | 125                           | 25  | 8    | 5.02E+05                                          | 1.00E+05 | 3.21E+04 |
| Typical  | Aquatic          | Boat                | B/B (granular)     | M/L      | 0.41                | 0.0017                              | 6.25                   | 4             | 1                            | 70               | 2.49E-04                    | 125                           | 25  | 8    | 5.02E+05                                          | 1.00E+05 | 3.21E+04 |
| Typical  | Aquatic          | Boat                | B/B (granular)     | A/M/L    | 0.41                | 0.0017                              | 6.25                   | 4             | 1                            | 70               | 2.49E-04                    | 125                           | 25  | 8    | 5.02E+05                                          | 1.00E+05 | 3.21E+04 |
| Typical  | Aquatic          | Boat                | B/B (liquid)       | A        | 0.41                | 0.0017                              | 17.5                   | 4             | 1                            | 70               | 6.97E-04                    | 125                           | 25  | 8    | 1.79E+05                                          | 3.59E+04 | 1.15E+04 |
| Typical  | Aquatic          | Boat                | B/B (liquid)       | M/L      | 0.41                | 0.0017                              | 17.5                   | 4             | 1                            | 70               | 6.97E-04                    | 125                           | 25  | 8    | 1.79E+05                                          | 3.59E+04 | 1.15E+04 |
| Typical  | Aquatic          | Boat                | B/B (liquid)       | A/M/L    | 0.41                | 0.0017                              | 17.5                   | 4             | 1                            | 70               | 6.97E-04                    | 125                           | 25  | 8    | 1.79E+05                                          | 3.59E+04 | 1.15E+04 |

Calculation: Potential Doses and Margins of Exposure  
Scenario: Occupational - Routine Exposure  
Pathway: Inhalation of Herbicide  
Herbicide: Fluridone  
Program: Aquatic (Pond)

| Scenario | Application Type | Application Vehicle | Application Method | Receptor | Rate (lb a.i./acre) | Inhalation Unit Exposure (mg/lb ai) | Acres Treated per Hour | Hours Per Day | Inhalation Absorption Factor | Body Weight (kg) | Inhalation Dose (mg/kg-day) | Inhalation NOAELs (mg/kg-day) |     |      | Margin of Exposure Inhalation Exposure (unitless) |          |          |
|----------|------------------|---------------------|--------------------|----------|---------------------|-------------------------------------|------------------------|---------------|------------------------------|------------------|-----------------------------|-------------------------------|-----|------|---------------------------------------------------|----------|----------|
|          |                  |                     |                    |          |                     |                                     |                        |               |                              |                  |                             | Short                         | Int | Long | Short                                             | Int      | Long     |
| Max      | Aerial           | Plane               | FW                 | P        | 1.3                 | 0.000068                            | 500                    | 6             | 1                            | 70               | 3.79E-03                    | 125                           | 25  | 8    | 3.30E+04                                          | 6.60E+03 | 2.11E+03 |
| Max      | Aerial           | Plane               | FW                 | M/L      | 1.3                 | 0.0012                              | 500                    | 6             | 1                            | 70               | 6.69E-02                    | 125                           | 25  | 8    | 1.87E+03                                          | 3.74E+02 | 1.20E+02 |
| Max      | Aerial           | Helicopter          | Rotary             | P        | 1.3                 | 0.000068                            | 200                    | 6             | 1                            | 70               | 1.52E-03                    | 125                           | 25  | 8    | 8.25E+04                                          | 1.65E+04 | 5.28E+03 |
| Max      | Aerial           | Helicopter          | Rotary             | M/L      | 1.3                 | 0.0012                              | 200                    | 6             | 1                            | 70               | 2.67E-02                    | 125                           | 25  | 8    | 4.67E+03                                          | 9.35E+02 | 2.99E+02 |
| Max      | Ground           | Human               | Bpack              | A/M/L    | 1.3                 | 0.03                                | 0.4                    | 6             | 1                            | 70               | 1.34E-03                    | 125                           | 25  | 8    | 9.35E+04                                          | 1.87E+04 | 5.98E+03 |
| Max      | Ground           | Human               | Hback              | A        | 1.3                 | 0.0039                              | 1                      | 8             | 1                            | 70               | 5.79E-04                    | 125                           | 25  | 8    | 2.16E+05                                          | 4.31E+04 | 1.38E+04 |
| Max      | Ground           | Human               | Hback              | M/L      | 1.3                 | 0.0012                              | 1                      | 8             | 1                            | 70               | 1.78E-04                    | 125                           | 25  | 8    | 7.01E+05                                          | 1.40E+05 | 4.49E+04 |
| Max      | Ground           | Human               | Hback              | A/M/L    | 1.3                 | 0.0051                              | 1                      | 8             | 1                            | 70               | 7.58E-04                    | 125                           | 25  | 8    | 1.65E+05                                          | 3.30E+04 | 1.06E+04 |
| Max      | Ground           | ATV                 | Spot               | A        | 1.3                 | 0.0039                              | 0.5                    | 9             | 1                            | 70               | 3.26E-04                    | 125                           | 25  | 8    | 3.84E+05                                          | 7.67E+04 | 2.45E+04 |
| Max      | Ground           | ATV                 | Spot               | M/L      | 1.3                 | 0.0012                              | 0.5                    | 6             | 1                            | 70               | 6.69E-05                    | 125                           | 25  | 8    | 1.87E+06                                          | 3.74E+05 | 1.20E+05 |
| Max      | Ground           | ATV                 | Spot               | A/M/L    | 1.3                 | 0.0051                              | 0.5                    | 9             | 1                            | 70               | 4.26E-04                    | 125                           | 25  | 8    | 2.93E+05                                          | 5.87E+04 | 1.88E+04 |
| Max      | Ground           | ATV                 | B/B                | A        | 1.3                 | 0.00074                             | 1.6                    | 9             | 1                            | 70               | 1.98E-04                    | 125                           | 25  | 8    | 6.32E+05                                          | 1.26E+05 | 4.04E+04 |
| Max      | Ground           | ATV                 | B/B                | M/L      | 1.3                 | 0.0012                              | 1.6                    | 5             | 1                            | 70               | 1.78E-04                    | 125                           | 25  | 8    | 7.01E+05                                          | 1.40E+05 | 4.49E+04 |
| Max      | Ground           | ATV                 | B/B                | A/M/L    | 1.3                 | 0.00194                             | 1.6                    | 9             | 1                            | 70               | 5.19E-04                    | 125                           | 25  | 8    | 2.41E+05                                          | 4.82E+04 | 1.54E+04 |
| Max      | Ground           | Truck Mount         | Spot               | A        | 1.3                 | 0.0039                              | 1                      | 10            | 1                            | 70               | 7.24E-04                    | 125                           | 25  | 8    | 1.73E+05                                          | 3.45E+04 | 1.10E+04 |
| Max      | Ground           | Truck Mount         | Spot               | M/L      | 1.3                 | 0.0012                              | 1                      | 8             | 1                            | 70               | 1.78E-04                    | 125                           | 25  | 8    | 7.01E+05                                          | 1.40E+05 | 4.49E+04 |
| Max      | Ground           | Truck Mount         | Spot               | A/M/L    | 1.3                 | 0.0051                              | 1                      | 10            | 1                            | 70               | 9.47E-04                    | 125                           | 25  | 8    | 1.32E+05                                          | 2.64E+04 | 8.45E+03 |
| Max      | Ground           | Truck Mount         | B/B                | A        | 1.3                 | 0.00074                             | 2.25                   | 8             | 1                            | 70               | 2.47E-04                    | 125                           | 25  | 8    | 5.05E+05                                          | 1.01E+05 | 3.23E+04 |
| Max      | Ground           | Truck Mount         | B/B                | M/L      | 1.3                 | 0.0012                              | 2.25                   | 6             | 1                            | 70               | 3.01E-04                    | 125                           | 25  | 8    | 4.15E+05                                          | 8.31E+04 | 2.66E+04 |
| Max      | Ground           | Truck Mount         | B/B                | A/M/L    | 1.3                 | 0.00194                             | 2.25                   | 8             | 1                            | 70               | 6.49E-04                    | 125                           | 25  | 8    | 1.93E+05                                          | 3.85E+04 | 1.23E+04 |
| Max      | Aquatic          | Boat                | B/B (granular)     | A        | 1.3                 | 0.0017                              | 5.8                    | 6             | 1                            | 70               | 1.10E-03                    | 125                           | 25  | 8    | 1.14E+05                                          | 2.28E+04 | 7.28E+03 |
| Max      | Aquatic          | Boat                | B/B (granular)     | M/L      | 1.3                 | 0.0017                              | 5.8                    | 6             | 1                            | 70               | 1.10E-03                    | 125                           | 25  | 8    | 1.14E+05                                          | 2.28E+04 | 7.28E+03 |
| Max      | Aquatic          | Boat                | B/B (granular)     | A/M/L    | 1.3                 | 0.0017                              | 5.8                    | 6             | 1                            | 70               | 1.10E-03                    | 125                           | 25  | 8    | 1.14E+05                                          | 2.28E+04 | 7.28E+03 |
| Max      | Aquatic          | Boat                | B/B (liquid)       | A        | 1.3                 | 0.0017                              | 16.7                   | 6             | 1                            | 70               | 3.16E-03                    | 125                           | 25  | 8    | 3.95E+04                                          | 7.90E+03 | 2.53E+03 |
| Max      | Aquatic          | Boat                | B/B (liquid)       | M/L      | 1.3                 | 0.0017                              | 16.7                   | 6             | 1                            | 70               | 3.16E-03                    | 125                           | 25  | 8    | 3.95E+04                                          | 7.90E+03 | 2.53E+03 |
| Max      | Aquatic          | Boat                | B/B (liquid)       | A/M/L    | 1.3                 | 0.0017                              | 16.7                   | 6             | 1                            | 70               | 3.16E-03                    | 125                           | 25  | 8    | 3.95E+04                                          | 7.90E+03 | 2.53E+03 |

Calculation: Aggregate Risk Level  
Scenario: Occupational - Routine Exposure  
Pathway: Dermal Contact with and Inhalation of Herbicide  
Herbicide: Fluridone  
Program: Aquatic (Pond)

| Scenario | Application Type | Application Vehicle | Application Method | Receptor | Margin of Exposure<br>Dermal Exposure<br>(unitless) |          |       | Margin of Exposure<br>Inhalation Exposure<br>(unitless) |          |          | Target<br>Margin of<br>Exposure |            | Aggregate<br>Risk<br>Index |          |          |
|----------|------------------|---------------------|--------------------|----------|-----------------------------------------------------|----------|-------|---------------------------------------------------------|----------|----------|---------------------------------|------------|----------------------------|----------|----------|
|          |                  |                     |                    |          | Short                                               | Int      | Long  | Short                                                   | Int      | Long     | Dermal                          | Inhalation | Short                      | Int      | Long     |
| Typical  | Aerial           | Plane               | FW                 | P        | 2.43E+04                                            | 4.85E+03 | ##### | 3.14E+05                                                | 6.28E+04 | 2.01E+04 | 100                             | 100        | 2.25E+02                   | 4.50E+01 | 1.44E+01 |
| Typical  | Aerial           | Plane               | FW                 | M/L      | 2.32E+03                                            | 4.64E+02 | ##### | 1.78E+04                                                | 3.56E+03 | 1.14E+03 | 100                             | 100        | 2.05E+01                   | 4.10E+00 | 1.31E+00 |
| Typical  | Aerial           | Helicopter          | Rotary             | P        | 6.06E+04                                            | 1.21E+04 | ##### | 7.85E+05                                                | 1.57E+05 | 5.02E+04 | 100                             | 100        | 5.63E+02                   | 1.13E+02 | 3.60E+01 |
| Typical  | Aerial           | Helicopter          | Rotary             | M/L      | 5.80E+03                                            | 1.16E+03 | ##### | 4.45E+04                                                | 8.89E+03 | 2.85E+03 | 100                             | 100        | 5.13E+01                   | 1.03E+01 | 3.28E+00 |
| Typical  | Ground           | Human               | Bpack              | A/M/L    | 3.56E+04                                            | 7.11E+03 | ##### | 1.19E+06                                                | 2.37E+05 | 7.59E+04 | 100                             | 100        | 3.45E+02                   | 6.91E+01 | 2.21E+01 |
| Typical  | Ground           | Human               | Hback              | A        | 3.04E+04                                            | 6.08E+03 | ##### | 1.22E+06                                                | 2.43E+05 | 7.78E+04 | 100                             | 100        | 2.97E+02                   | 5.93E+01 | 1.90E+01 |
| Typical  | Ground           | Human               | Hback              | M/L      | 5.15E+05                                            | 1.03E+05 | ##### | 3.95E+06                                                | 7.90E+05 | 2.53E+05 | 100                             | 100        | 4.56E+03                   | 9.12E+02 | 2.92E+02 |
| Typical  | Ground           | Human               | Hback              | A/M/L    | 2.87E+04                                            | 5.74E+03 | ##### | 9.30E+05                                                | 1.86E+05 | 5.95E+04 | 100                             | 100        | 2.78E+02                   | 5.57E+01 | 1.78E+01 |
| Typical  | Ground           | ATV                 | Spot               | A        | 1.09E+05                                            | 2.19E+04 | ##### | 4.38E+06                                                | 8.76E+05 | 2.80E+05 | 100                             | 100        | 1.07E+03                   | 2.14E+02 | 6.83E+01 |
| Typical  | Ground           | ATV                 | Spot               | M/L      | 3.09E+06                                            | 6.19E+05 | ##### | 2.37E+07                                                | 4.74E+06 | 1.52E+06 | 100                             | 100        | 2.74E+04                   | 5.47E+03 | 1.75E+03 |
| Typical  | Ground           | ATV                 | Spot               | A/M/L    | 1.03E+05                                            | 2.07E+04 | ##### | 3.35E+06                                                | 6.70E+05 | 2.14E+05 | 100                             | 100        | 1.00E+03                   | 2.01E+02 | 6.42E+01 |
| Typical  | Ground           | ATV                 | B/B                | A        | 9.53E+05                                            | 1.91E+05 | ##### | 7.21E+06                                                | 1.44E+06 | 4.61E+05 | 100                             | 100        | 8.42E+03                   | 1.68E+03 | 5.39E+02 |
| Typical  | Ground           | ATV                 | B/B                | M/L      | 9.67E+05                                            | 1.93E+05 | ##### | 7.41E+06                                                | 1.48E+06 | 4.74E+05 | 100                             | 100        | 8.55E+03                   | 1.71E+03 | 5.47E+02 |
| Typical  | Ground           | ATV                 | B/B                | A/M/L    | 3.60E+05                                            | 7.21E+04 | ##### | 2.75E+06                                                | 5.50E+05 | 1.76E+05 | 100                             | 100        | 3.19E+03                   | 6.37E+02 | 2.04E+02 |
| Typical  | Ground           | Truck Mount         | Spot               | A        | 6.00E+04                                            | 1.20E+04 | ##### | 2.40E+06                                                | 4.80E+05 | 1.54E+05 | 100                             | 100        | 5.85E+02                   | 1.17E+02 | 3.75E+01 |
| Typical  | Ground           | Truck Mount         | Spot               | M/L      | 1.53E+06                                            | 3.05E+05 | ##### | 1.17E+07                                                | 2.34E+06 | 7.49E+05 | 100                             | 100        | 1.35E+04                   | 2.70E+03 | 8.64E+02 |
| Typical  | Ground           | Truck Mount         | Spot               | A/M/L    | 5.67E+04                                            | 1.13E+04 | ##### | 1.84E+06                                                | 3.67E+05 | 1.17E+05 | 100                             | 100        | 5.50E+02                   | 1.10E+02 | 3.52E+01 |
| Typical  | Ground           | Truck Mount         | B/B                | A        | 5.08E+05                                            | 1.02E+05 | ##### | 3.85E+06                                                | 7.69E+05 | 2.46E+05 | 100                             | 100        | 4.49E+03                   | 8.98E+02 | 2.87E+02 |
| Typical  | Ground           | Truck Mount         | B/B                | M/L      | 5.15E+05                                            | 1.03E+05 | ##### | 3.95E+06                                                | 7.90E+05 | 2.53E+05 | 100                             | 100        | 4.56E+03                   | 9.12E+02 | 2.92E+02 |
| Typical  | Ground           | Truck Mount         | B/B                | A/M/L    | 1.92E+05                                            | 3.85E+04 | ##### | 1.47E+06                                                | 2.93E+05 | 9.39E+04 | 100                             | 100        | 1.70E+03                   | 3.40E+02 | 1.09E+02 |
| Typical  | Aquatic          | Boat                | B/B (granular)     | A        | 3.09E+05                                            | 6.19E+04 | ##### | 5.02E+05                                                | 1.00E+05 | 3.21E+04 | 100                             | 100        | 1.91E+03                   | 3.83E+02 | 1.22E+02 |
| Typical  | Aquatic          | Boat                | B/B (granular)     | M/L      | 3.09E+05                                            | 6.19E+04 | ##### | 5.02E+05                                                | 1.00E+05 | 3.21E+04 | 100                             | 100        | 1.91E+03                   | 3.83E+02 | 1.22E+02 |
| Typical  | Aquatic          | Boat                | B/B (granular)     | A/M/L    | 3.09E+05                                            | 6.19E+04 | ##### | 5.02E+05                                                | 1.00E+05 | 3.21E+04 | 100                             | 100        | 1.91E+03                   | 3.83E+02 | 1.22E+02 |
| Typical  | Aquatic          | Boat                | B/B (liquid)       | A        | 1.10E+05                                            | 2.21E+04 | ##### | 1.79E+05                                                | 3.59E+04 | 1.15E+04 | 100                             | 100        | 6.84E+02                   | 1.37E+02 | 4.37E+01 |
| Typical  | Aquatic          | Boat                | B/B (liquid)       | M/L      | 1.10E+05                                            | 2.21E+04 | ##### | 1.79E+05                                                | 3.59E+04 | 1.15E+04 | 100                             | 100        | 6.84E+02                   | 1.37E+02 | 4.37E+01 |
| Typical  | Aquatic          | Boat                | B/B (liquid)       | A/M/L    | 1.10E+05                                            | 2.21E+04 | ##### | 1.79E+05                                                | 3.59E+04 | 1.15E+04 | 100                             | 100        | 6.84E+02                   | 1.37E+02 | 4.37E+01 |

Calculation: Aggregate Risk Level  
Scenario: Occupational - Routine Exposure  
Pathway: Dermal Contact with and Inhalation of Herbicide  
Herbicide: Fluridone  
Program: Aquatic (Pond)

| Scenario | Application Type | Application Vehicle | Application Method | Receptor | Margin of Exposure<br>Dermal Exposure<br>(unitless) |          |       | Margin of Exposure<br>Inhalation Exposure<br>(unitless) |          |          | Target<br>Margin of<br>Exposure |            | Aggregate<br>Risk<br>Index |                 |                 |
|----------|------------------|---------------------|--------------------|----------|-----------------------------------------------------|----------|-------|---------------------------------------------------------|----------|----------|---------------------------------|------------|----------------------------|-----------------|-----------------|
|          |                  |                     |                    |          | Short                                               | Int      | Long  | Short                                                   | Int      | Long     | Dermal                          | Inhalation | Short                      | Int             | Long            |
| Max      | Aerial           | Plane               | FW                 | P        | 2.55E+03                                            | 5.10E+02 | ##### | 3.30E+04                                                | 6.60E+03 | 2.11E+03 | 100                             | 100        | 2.37E+01                   | 4.73E+00        | 1.51E+00        |
| Max      | Aerial           | Plane               | FW                 | M/L      | 2.44E+02                                            | 4.88E+01 | ##### | 1.87E+03                                                | 3.74E+02 | 1.20E+02 | 100                             | 100        | 2.16E+00                   | <b>4.31E-01</b> | <b>1.38E-01</b> |
| Max      | Aerial           | Helicopter          | Rotary             | P        | 6.37E+03                                            | 1.27E+03 | ##### | 8.25E+04                                                | 1.65E+04 | 5.28E+03 | 100                             | 100        | 5.92E+01                   | 1.18E+01        | 3.79E+00        |
| Max      | Aerial           | Helicopter          | Rotary             | M/L      | 6.10E+02                                            | 1.22E+02 | ##### | 4.67E+03                                                | 9.35E+02 | 2.99E+02 | 100                             | 100        | 5.39E+00                   | 1.08E+00        | <b>3.45E-01</b> |
| Max      | Ground           | Human               | Bpack              | A/M/L    | 2.80E+03                                            | 5.61E+02 | ##### | 9.35E+04                                                | 1.87E+04 | 5.98E+03 | 100                             | 100        | 2.72E+01                   | 5.45E+00        | 1.74E+00        |
| Max      | Ground           | Human               | Hback              | A        | 5.39E+03                                            | 1.08E+03 | ##### | 2.16E+05                                                | 4.31E+04 | 1.38E+04 | 100                             | 100        | 5.26E+01                   | 1.05E+01        | 3.37E+00        |
| Max      | Ground           | Human               | Hback              | M/L      | 9.15E+04                                            | 1.83E+04 | ##### | 7.01E+05                                                | 1.40E+05 | 4.49E+04 | 100                             | 100        | 8.09E+02                   | 1.62E+02        | 5.18E+01        |
| Max      | Ground           | Human               | Hback              | A/M/L    | 5.09E+03                                            | 1.02E+03 | ##### | 1.65E+05                                                | 3.30E+04 | 1.06E+04 | 100                             | 100        | 4.94E+01                   | 9.88E+00        | 3.16E+00        |
| Max      | Ground           | ATV                 | Spot               | A        | 9.59E+03                                            | 1.92E+03 | ##### | 3.84E+05                                                | 7.67E+04 | 2.45E+04 | 100                             | 100        | 9.35E+01                   | 1.87E+01        | 5.99E+00        |
| Max      | Ground           | ATV                 | Spot               | M/L      | 2.44E+05                                            | 4.88E+04 | ##### | 1.87E+06                                                | 3.74E+05 | 1.20E+05 | 100                             | 100        | 2.16E+03                   | 4.31E+02        | 1.38E+02        |
| Max      | Ground           | ATV                 | Spot               | A/M/L    | 9.05E+03                                            | 1.81E+03 | ##### | 2.93E+05                                                | 5.87E+04 | 1.88E+04 | 100                             | 100        | 8.78E+01                   | 1.76E+01        | 5.62E+00        |
| Max      | Ground           | ATV                 | B/B                | A        | 8.35E+04                                            | 1.67E+04 | ##### | 6.32E+05                                                | 1.26E+05 | 4.04E+04 | 100                             | 100        | 7.37E+02                   | 1.47E+02        | 4.72E+01        |
| Max      | Ground           | ATV                 | B/B                | M/L      | 9.15E+04                                            | 1.83E+04 | ##### | 7.01E+05                                                | 1.40E+05 | 4.49E+04 | 100                             | 100        | 8.09E+02                   | 1.62E+02        | 5.18E+01        |
| Max      | Ground           | ATV                 | B/B                | A/M/L    | 3.16E+04                                            | 6.32E+03 | ##### | 2.41E+05                                                | 4.82E+04 | 1.54E+04 | 100                             | 100        | 2.79E+02                   | 5.58E+01        | 1.79E+01        |
| Max      | Ground           | Truck Mount         | Spot               | A        | 4.31E+03                                            | 8.63E+02 | ##### | 1.73E+05                                                | 3.45E+04 | 1.10E+04 | 100                             | 100        | 4.21E+01                   | 8.42E+00        | 2.69E+00        |
| Max      | Ground           | Truck Mount         | Spot               | M/L      | 9.15E+04                                            | 1.83E+04 | ##### | 7.01E+05                                                | 1.40E+05 | 4.49E+04 | 100                             | 100        | 8.09E+02                   | 1.62E+02        | 5.18E+01        |
| Max      | Ground           | Truck Mount         | Spot               | A/M/L    | 4.07E+03                                            | 8.15E+02 | ##### | 1.32E+05                                                | 2.64E+04 | 8.45E+03 | 100                             | 100        | 3.95E+01                   | 7.90E+00        | 2.53E+00        |
| Max      | Ground           | Truck Mount         | B/B                | A        | 6.68E+04                                            | 1.34E+04 | ##### | 5.05E+05                                                | 1.01E+05 | 3.23E+04 | 100                             | 100        | 5.90E+02                   | 1.18E+02        | 3.77E+01        |
| Max      | Ground           | Truck Mount         | B/B                | M/L      | 5.42E+04                                            | 1.08E+04 | ##### | 4.15E+05                                                | 8.31E+04 | 2.66E+04 | 100                             | 100        | 4.79E+02                   | 9.59E+01        | 3.07E+01        |
| Max      | Ground           | Truck Mount         | B/B                | A/M/L    | 2.53E+04                                            | 5.05E+03 | ##### | 1.93E+05                                                | 3.85E+04 | 1.23E+04 | 100                             | 100        | 2.23E+02                   | 4.47E+01        | 1.43E+01        |
| Max      | Aquatic          | Boat                | B/B (granular)     | A        | 7.01E+04                                            | 1.40E+04 | ##### | 1.14E+05                                                | 2.28E+04 | 7.28E+03 | 100                             | 100        | 4.34E+02                   | 8.67E+01        | 2.78E+01        |
| Max      | Aquatic          | Boat                | B/B (granular)     | M/L      | 7.01E+04                                            | 1.40E+04 | ##### | 1.14E+05                                                | 2.28E+04 | 7.28E+03 | 100                             | 100        | 4.34E+02                   | 8.67E+01        | 2.78E+01        |
| Max      | Aquatic          | Boat                | B/B (granular)     | A/M/L    | 7.01E+04                                            | 1.40E+04 | ##### | 1.14E+05                                                | 2.28E+04 | 7.28E+03 | 100                             | 100        | 4.34E+02                   | 8.67E+01        | 2.78E+01        |
| Max      | Aquatic          | Boat                | B/B (liquid)       | A        | 4.54E+03                                            | 9.08E+02 | ##### | 3.95E+04                                                | 7.90E+03 | 2.53E+03 | 100                             | 100        | 4.07E+01                   | 8.14E+00        | 2.61E+00        |
| Max      | Aquatic          | Boat                | B/B (liquid)       | M/L      | 2.43E+04                                            | 4.87E+03 | ##### | 3.95E+04                                                | 7.90E+03 | 2.53E+03 | 100                             | 100        | 1.51E+02                   | 3.01E+01        | 9.64E+00        |
| Max      | Aquatic          | Boat                | B/B (liquid)       | A/M/L    | 2.43E+04                                            | 4.87E+03 | ##### | 3.95E+04                                                | 7.90E+03 | 2.53E+03 | 100                             | 100        | 1.51E+02                   | 3.01E+01        | 9.64E+00        |