

Tier I Aerial (gray currently available in ubertool, underlined potentially needed per 2012 memo)

Aquatic

Terrestrial

Spray Block

Stream

Multiple
Application

Drop Size Distribution

Very Fine to
Fine

Fine to
medium

Medium to
coarse

Coarse to very
coarse

Tier I Ground

Aquatic

Terrestrial

Spray Block

Stream

Multiple
Application

Drop Size Distribution

Boom Height

Data Percentile

Extended
Settings

Very Fine
to Fine

Fine to
Medium/
Coarse

High

Low

50th

90th

Tier I Orchard/Airblast

Aquatic

Terrestrial

Spray Block

Stream

Multiple
Application

Normal

Dense

Sparse

Vineyard

Orchard

Extended
Settings

Aquatic Assessment

Pond

Wetland

User Defined

Active Rate (lb/ac)

Initial Average
Concentration

Width (ft)

Depth (ft)

Terrestrial Assessment

Point Deposition

User Defined

Fraction of Applied

Area Avg

Stream Assessment

Spray Block

Stream

Distance
from water
body from
field (ft)

Riparian
Intercepti
on Factor

Instream
chemical
decay rate
(1/day)

Recharge
rate
(gal/s/mi)

Calc Results @

Active
Rate
(lb/ac)

Spray Line
Length (ft)

Turn-
around
time (sec)

Width (ft)

Depth (ft)

Flow rate
(gal/s)

Flow
speed
(mph)

Single
point

Given
time

Given
distance

Spray Block Assessment

Deposition

Pond Integration deposition

Active Rate
(lb/ac)

Pond

Wetland

User
Defined

Multiple Application Assessment

Library

User
Defined

Max wind
speed
(m/s)

Events per
year

Years

Beginning
month

Ending
month

To add to AgDrift (OPP please confirm)

- Tier I Aerial
 - Terrestrial Assessment
 - Drop Size Distribution option: “medium to coarse”
- Tier I Ground
 - Terrestrial Assessment
 - Data percentile: 90%
- Tier I Orchard/Airblast
 - Terrestrial Assessment
 - Orchard type: “normal”, “dense”, “sparse”
- Aquatic Assessment
 - User-defined
 - Width
 - Depth
 - Initial Average Concentration
- Terrestrial Assessment
 - Point Deposition
 - Fraction of Applied