

Pump Performance Calculations

Gallons/Acre
7

Nozzle Spacing(inches)
20

Miles/Hour
14

15
20
30

Tank Size (Gallons)
1000

Boom Size (Feet)

100
50
60
70
80
90
100

800
850
1000
1200
1600

Results

Nozzles
60

Nozzle Flow Rate
0.329 GPM

Total US GPM (Boom)
20

Total US GPM (Agitation)
50

Clear Pump

Total GPM Required
70

Return to Cover
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Nozzle rate calculation

5% of Tank Capacity per minute

Total GPM of all nozzles