

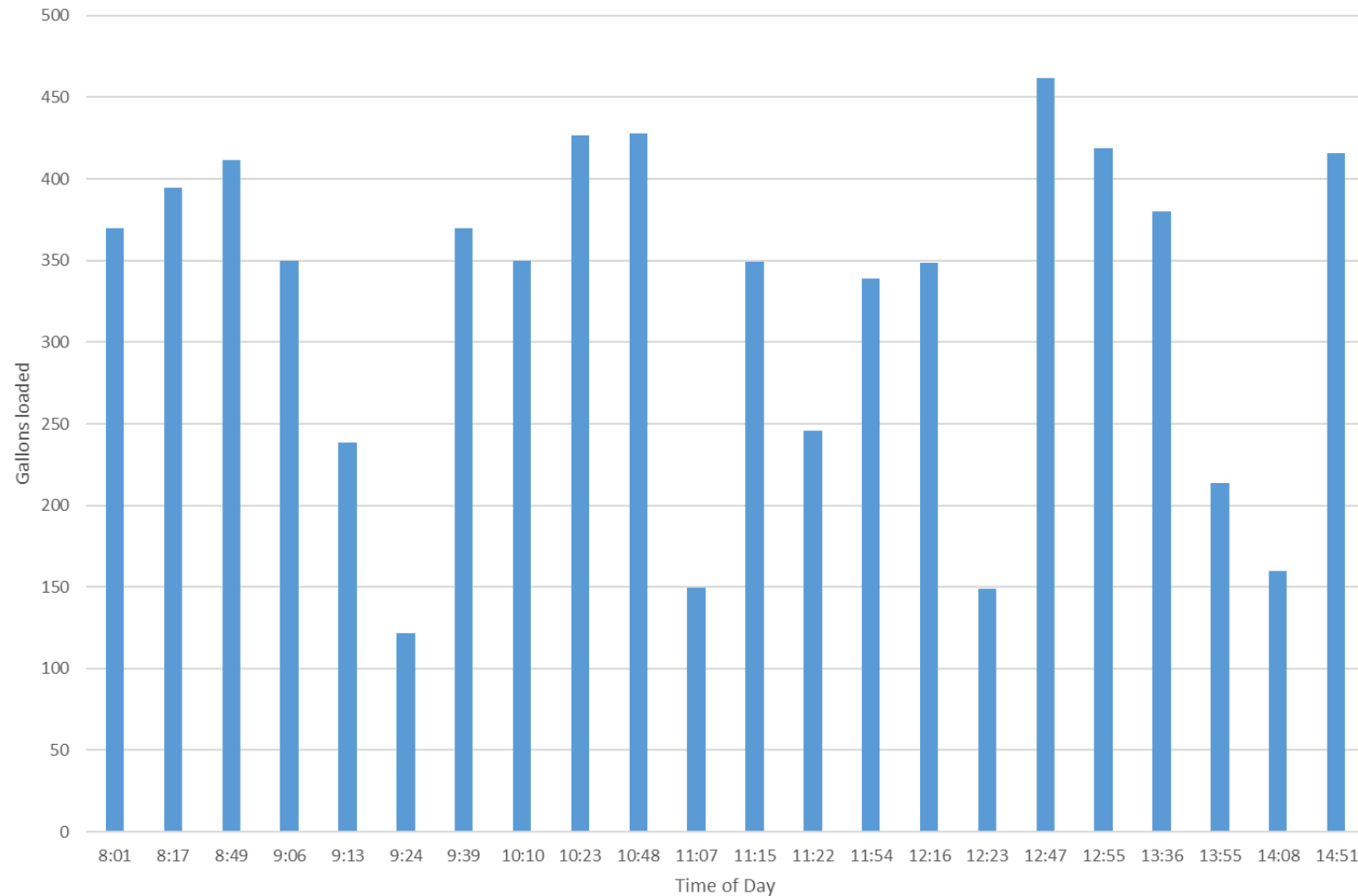


Batch Summary
Sunflower Aero, Atwood, KS
May 10 - May 14, 2016

Scenario

- Sunflower Aero used SureFire's QuickDraw to mix and load batches for aerial application of wheat fungicide May 2-20, 2016.
- Used from 2-7 airplanes, ranging from an Air Tractor 502 (500 gallon hopper) to a Cessna Ag Wagon (150 Gallon Hopper).
- Used 3" Banjo transfer pump with 13.5 HP gas engine.
 - Water flow rate 90-100 GPM
 - Chemical flow rate 15-17 GPM

Batches Loaded on 5/10/2016



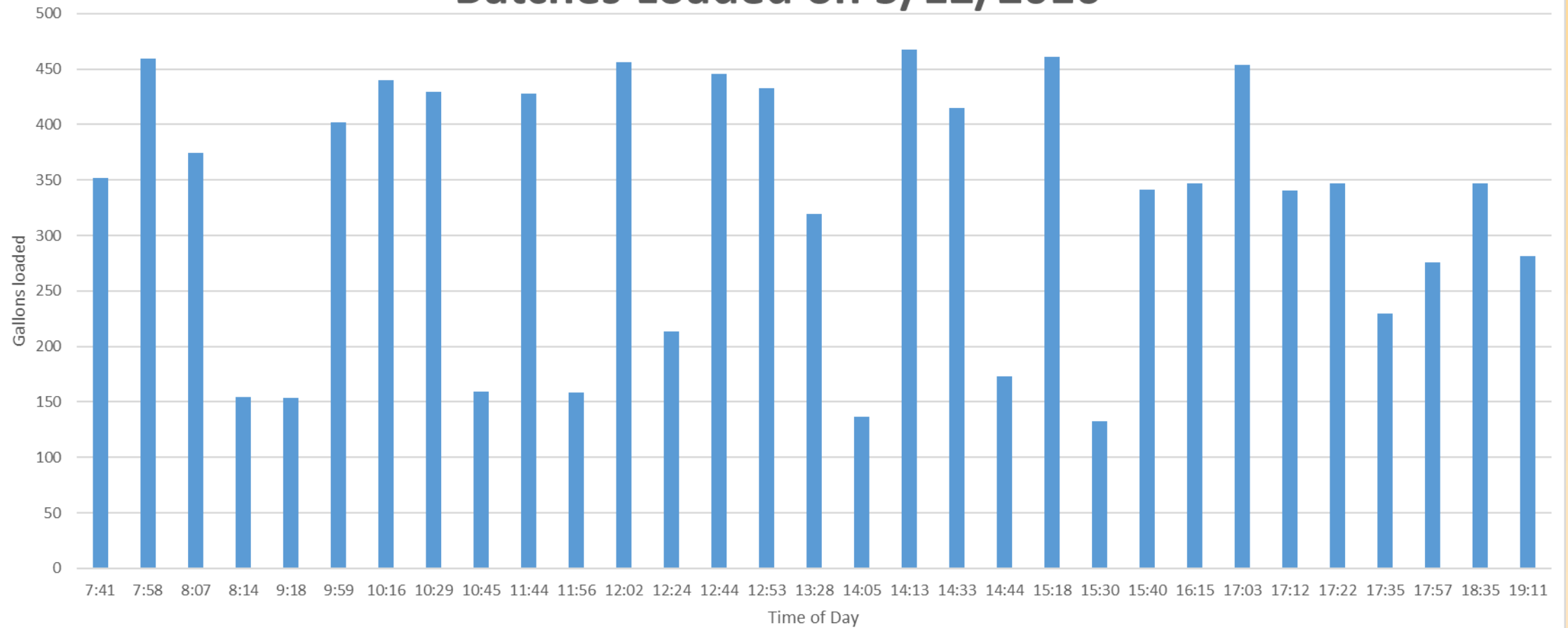
Summary

Batches: 22
Avg. Gallons: 322
Avg. Batch Time 4.12 minutes

First Batch 8:01 AM
Last Batch 2:51 PM

Avg. time between batches 15 minutes
Minimum time Between batches 2 minutes

Batches Loaded on 5/12/2016



Summary

Batches: 31

Avg. Gallons: 327

Avg. Batch Time 4.06 minutes

First Batch 7:41 AM

Last Batch 7:11 PM

Avg. time

19 minutes

between batches

Minimum time

2 minutes

Between batches

Summary of 4 Days Batch History

Date	Total Number of Batches	Average Gallons Loaded	Average Batch Time (minutes)
5/10/16	22	322	4.12
5/12/16	31	327	4.06
5/13/16	2	264	3.57
5/14/16	13	239	3.29
Grand Total	68	307	3.92

Small BatchesLarge Batches

Total Batched (gallons)	Batch Time (minutes)
121.8	1.6
132.9	1.7
133.9	2.2
136.7	1.7
148.8	2
149.7	1.9
153.9	1.8
154.6	1.9
158.7	1.8
158.9	2
159.8	2

Total Batched (gallons)	Batch Time (minutes)
427.8	4.8
427.8	5.3
429.6	5.4
432.5	5.4
440.1	5.5
453.9	5.7
455.9	5.2
459.7	5.1
460.7	5.6
461.6	5.5
467.2	5.8