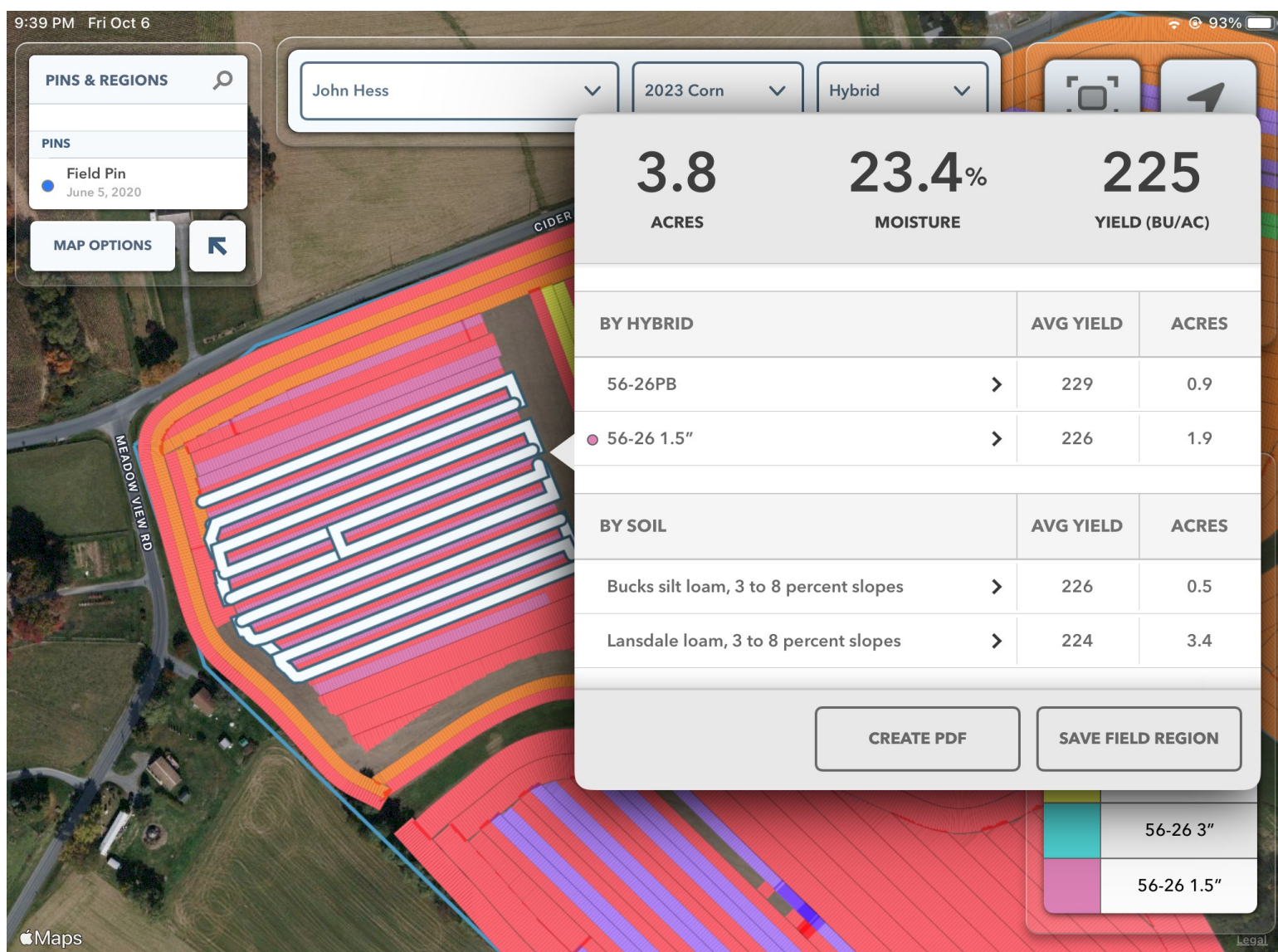


Planting Depth

This year we conducted a trial to evaluate different planting depths. We chose 2" as our constant depth to compare to and then did multiple pass side by side trials at 3 different depths. The planting conditions were ideal when we planted. Shortly after the weather turned wet and cold for considerable amount of time. Our findings are as follows.



1.5

ACRES

24.1%

MOISTURE

226

YIELD (BU/AC)

BY HYBRID

AVG YIELD

ACRES

| | | | |
|----------|---|-----|-----|
| 56-26 3" | > | 232 | 0.7 |
| 56-26PB | > | 222 | 0.8 |

BY SOIL

AVG YIELD

ACRES

| | | | |
|---------------------------------------|---|-----|-----|
| Lansdale loam, 8 to 15 percent slopes | > | 235 | 0.2 |
| Lansdale loam, 3 to 8 percent slopes | > | 225 | 1.3 |

CREATE PDF

SAVE FIELD REGION

Hybrid



105-35 Pb

P0075AM

P0487Q

636-16 Pb

56-26Pb

56-26 4"

Results

1.5"Depth -3B/A 3"Depth +10B/A 4"Depth -4B/A

PINS & REGIONS



PINS

Field Pin
June 5, 2020

MAP OPTIONS



John Hess

0.8

ACRES

24.1%

MOISTURE

232

YIELD (BU/AC)

BY HYBRID

AVG YIELD

ACRES

| | | | |
|----------|---|-----|-----|
| 56-26PB | > | 234 | 0.4 |
| 56-26 4" | > | 230 | 0.4 |

BY SOIL

AVG YIELD

ACRES

| | | | |
|--------------------------------------|---|-----|-----|
| Lansdale loam, 3 to 8 percent slopes | > | 232 | 0.8 |
|--------------------------------------|---|-----|-----|

BY POPULATION

AVG YIELD

ACRES

CREATE PDF

SAVE FIELD REGION

56-26 4"



Population

Again this year we evaluated VRT planting vs fixed rates of population. This season we did multiple population checks vs. VRT. The VRT planting ranged anywhere from 32-39K/acre. All prescriptions were made from multi-year data through Climate Fieldview.

24K vs. VRT = VRT + 8B/A

28K vs VRT = VRT + 13B/A

32K vs VRT = VRT + 12B/A

36K vs VRT = VRT +6B/A

In conclusion VRT planting maps paid back in yield. Despite dry variable weather higher populations in good spots still out performed lower fixed populations.

