

2019 Narrow Row Preliminary Yield Trial - Huron Research Station

| No. | Name | Type | Yield Rank | Yield (kg/ha) | Yield (cwt/ac) | Yield Index | Yield per Day | Days to Maturity | Seed Weight (g/100) | Lodging (1-5; 1=low) | Harvestability (1-5; 1=good) | Seed Quality (1-5; 1=good) |
|-------------------|---------------------|---------|------------|---------------|----------------|-------------|---------------|------------------|---------------------|----------------------|------------------------------|----------------------------|
| 1 | HMS Medalist | White | 9 | 2642 | 23.6 | 99 | 30.3 | 87.3 | 20.3 | 1.3 | 1.0 | 1.5 |
| 2 | Rexeter | White | 1 | 3355 | 30.0 | 126 | 37.4 | 89.8 | 19.1 | 1.8 | 1.3 | 1.8 |
| 3 | T9905 | White | 12 | 2619 | 23.4 | 98 | 29.9 | 87.5 | 21.2 | 1.8 | 1.3 | 1.5 |
| 4 | OAC Plasma (16-5) | White | 19 | 2227 | 19.9 | 83 | 25.7 | 86.8 | 19.5 | 2.3 | 1.3 | 1.6 |
| 5 | AAC Shock | White | 5 | 2834 | 25.3 | 106 | 33.2 | 85.5 | 21.6 | 1.3 | 1.0 | 1.5 |
| 6 | AAC Argosy | White | 17 | 2491 | 22.2 | 93 | 28.5 | 87.3 | 20.8 | 2.0 | 1.3 | 1.8 |
| 7 | NA14068 | White | 2 | 3205 | 28.6 | 120 | 35.8 | 89.5 | 20.6 | 1.0 | 1.0 | 1.5 |
| 8 | NA14084 | White | 7 | 2733 | 24.4 | 102 | 31.2 | 87.5 | 20.7 | 1.8 | 1.0 | 1.8 |
| 9 | 14080 | White | 18 | 2468 | 22.0 | 92 | 28.2 | 87.5 | 20.0 | 1.0 | 1.0 | 1.8 |
| 10 | 12039 | White | 3 | 2863 | 25.6 | 107 | 32.6 | 87.8 | 18.9 | 1.0 | 1.0 | 1.8 |
| 11 | Zorro | Black | 13 | 2608 | 23.3 | 98 | 30.0 | 87.0 | 20.1 | 1.0 | 1.0 | 2.0 |
| 12 | Zenith | Black | 6 | 2736 | 24.4 | 102 | 31.2 | 87.8 | 21.1 | 1.0 | 1.0 | 1.9 |
| 13 | B18504 | Black | 14 | 2607 | 23.3 | 98 | 30.1 | 86.5 | 20.0 | 1.0 | 1.0 | 1.9 |
| 14 | Ace (B8006282) | Black | 16 | 2561 | 22.9 | 96 | 31.1 | 82.3 | 19.1 | 1.0 | 1.0 | 1.8 |
| 15 | OAC Vortex (B15-B4) | Black | 8 | 2654 | 23.7 | 99 | 30.3 | 87.5 | 20.1 | 1.0 | 1.0 | 1.6 |
| 16 | S03-W4 Soy | Soybean | 4 | 2858 | 25.5 | 107 | 33.1 | 86.3 | 20.0 | 1.0 | 1.0 | 1.6 |
| 17 | Viper | SR | 10 | 2633 | 23.5 | 99 | 30.4 | 86.5 | 29.3 | 1.0 | 1.0 | 1.8 |
| 18 | Cayenne (R12844) | SR | 15 | 2606 | 23.3 | 98 | 30.1 | 86.5 | 33.7 | 1.0 | 1.0 | 1.9 |
| 19 | OAC Rosito | SR | 20 | 2077 | 18.5 | 78 | 25.1 | 82.8 | 19.7 | 1.0 | 1.0 | 1.8 |
| 20 | La Paz Pinto | Pinto | 11 | 2629 | 23.5 | 98 | 30.6 | 86.0 | 38.3 | 1.0 | 1.0 | 1.5 |
| Mean | | | | 2670 | 23.8 | 100 | 30.7 | 86.8 | 22.2 | 1.3 | 1.1 | 1.7 |
| LSD (P=.05) | | | | 404.0 | 3.6 | | | 1.2 | 1.1 | 0.4 | 0.3 | 0.3 |
| CV | | | | 10.7 | 10.7 | | | 1.0 | 3.6 | 22.2 | 19.5 | 13.0 |
| Treatment Prob(F) | | | | 0.0001 | 0.0001 | | | 0.0001 | 0.0001 | 0.0001 | 0.4750 | 0.0463 |

Means followed by same letter do not significantly differ (P=.05, LSD)

Trial Summary

Design: RCBD

Row Width: Narrow = 15 inch (38 cm)

Number of Rows Per Plot: 6

Number of Rows Harvested Per Plot: 4

Plot Length: 6 m

Harvest Length: 5 m

Seeding Rate: 17 seeds/m

Seed Treatment: CruiserMaxxBeans + Dynasty

Herbicide: Pursuit 0.17 l/ha, Dual 1.5 l/ha PPI June 27

Fungicide/Insecticide:

Matador (83ml/ha), Headline (400ml/ha), Allegro (600ml/ha) July 24

Allegro (1l/ha), Quadris (0.5l/ha) August 5

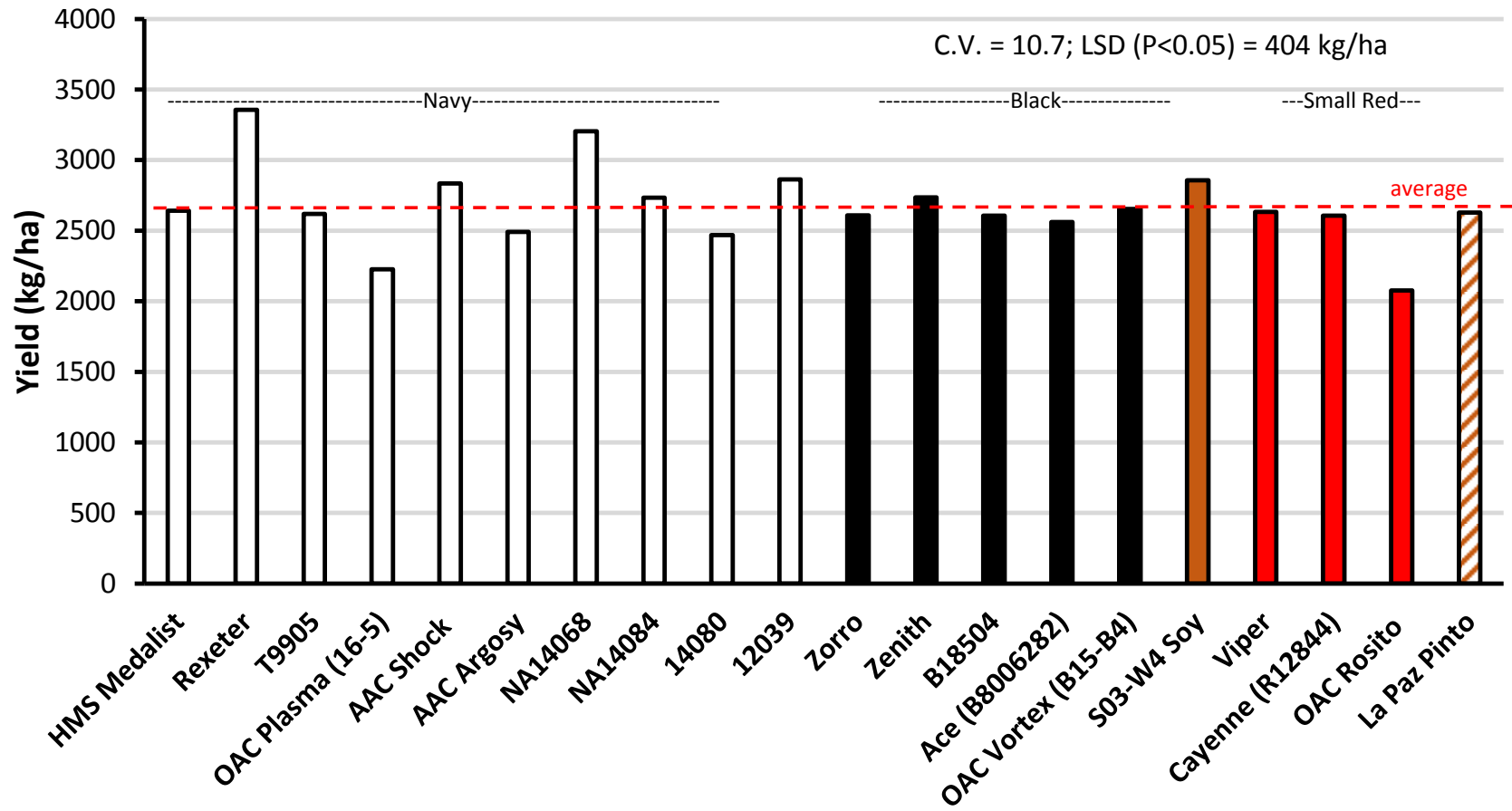
Matador (83ml/ha), Propulse (0.75 l/ha), Quadris (0.5 l/ha) August 20

Dessication: Eragon (146ml/ha), Merge (1l/ha) September 24

Planting Date: June 27

Harvest Date: October 9

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