



211 Main Street West
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2020 Replicated Yield Trials

**Iowa
Minnesota
South Dakota**



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October 28, 2020

Soybean Producers:

I'm pleased to be able to present you with Galena Genetics' 2020 Yield Trials. 2020 is a year that proved to be a challenge on many fronts. Yet we were able to advance superior performing Galena Genetics varieties.

Included are results from Iowa, Minnesota, and South Dakota locations. Our Utica, Minnesota location is an organic yield trial plot. Organic producers and food consumers rely on non-GMO soybean breeders to supply the genetics for their ever-growing markets. Non-GMO markets are also exploding world-wide. Galena Genetics is honored to be recognized by U.S. producers, along with domestic and international markets as a reputable, visionary non-GMO soybean research and development company.

Please take time to look the data over. Compare. I'm sure you'll agree that Galena Genetics varieties stand the yield test, plot after plot, with competing soybeans.

We look forward to having you plant Galena Genetics soybeans on your farm.

Sincerely,

Joel Rabbe
President



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IOWA

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Plot Location: Ames
 State: Iowa
 Planting Date: May 2, 2020
 Harvest Date: October 11, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|----------|-------|------|
| Galena Genetics | 21G19 | 58.1 | 1 |
| Competitor | P29T50 | 57.7 | 2 |
| Galena Genetics | 25G17 | 57.1 | 3 |
| Competitor | MBS2081N | 56.3 | 4 |
| Galena Genetics | 23G15 | 55.8 | 5 |
| Galena Genetics | 22G16 | 55.6 | 6 |
| Competitor | MBS2283N | 54.8 | 7 |
| Galena Genetics | 16G15 | 54.7 | 8 |
| Galena Genetics | 26G17 | 54.1 | 9 |
| Galena Genetics | 19G18 | 52.8 | 10 |
| Galena Genetics | 23G18 | 52.0 | 11 |
| Galena Genetics | 20G15 | 51.6 | 12 |
| Galena Genetics | 20G17 | 50.9 | 13 |

Average Plot Yield

54.7



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Plot Location: Arcadia
 State: Iowa
 Planting Date: May 15, 2020
 Harvest Date: October 10, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|---------------|-------|------|
| Galena Genetics | EXP 170746 | 65.9 | 1 |
| Galena Genetics | EXP 165115 | 65.8 | 2 |
| Galena Genetics | 25G17 | 65.2 | 3 |
| Galena Genetics | EXP 173907 | 64.4 | 4 |
| Competitor | P29T50 | 63.2 | 5 |
| Galena Genetics | 21G19 | 62.4 | 6 |
| Competitor | MBS2283N | 62.3 | 7 |
| Competitor | MBS2081N | 61.9 | 8 |
| Galena Genetics | EXP 142454-32 | 61.4 | 9 |
| Galena Genetics | 16G15 | 59.9 | 10 |
| Galena Genetics | 20G15 | 59.5 | 11 |
| Galena Genetics | 23G15 | 59.5 | 11 |
| Galena Genetics | 22G16 | 56.6 | 13 |
| Galena Genetics | 26G17 | 56.5 | 14 |
| Galena Genetics | 23G18 | 56.3 | 15 |
| Galena Genetics | 20G17 | 54.2 | 16 |

Average Plot Yield

60.9



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Plot Location: Ellsworth
 State: Iowa
 Planting Date: May 22, 2020
 Harvest Date: October 12, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|----------|-------|------|
| Galena Genetics | 21G19 | 59.6 | 1 |
| Galena Genetics | 25G17 | 59.2 | 2 |
| Galena Genetics | 26G17 | 59.0 | 3 |
| Galena Genetics | 23G15 | 58.4 | 4 |
| Galena Genetics | 23G18 | 58.3 | 5 |
| Galena Genetics | 16G15 | 57.5 | 6 |
| Galena Genetics | 22G16 | 56.1 | 7 |
| Galena Genetics | 20G15 | 55.9 | 8 |
| Competitor | MBS2081N | 54.9 | 9 |
| Competitor | P29T50 | 53.8 | 10 |
| Galena Genetics | 20G17 | 53.6 | 11 |
| Galena Genetics | 19G18 | 52.2 | 12 |
| Galena Genetics | 12G15 | 51.4 | 13 |
| Galena Genetics | 15G19 | 50.6 | 14 |
| Galena Genetics | 13G19 | 48.8 | 15 |

Average Plot Yield

55.3



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Plot Location: Lu Verne
 State: Iowa
 Planting Date: May 12, 2020
 Harvest Date: October 7, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|---------------|-------|------|
| Competitor | MBS2283N | 64.1 | 1 |
| Galena Genetics | 22G16 | 62.6 | 2 |
| Galena Genetics | 15G19 | 62.5 | 3 |
| Galena Genetics | 23G18 | 61.7 | 4 |
| Galena Genetics | 21G19 | 61.4 | 5 |
| Galena Genetics | 19G18 | 60.9 | 6 |
| Galena Genetics | 25G17 | 60.9 | 6 |
| Galena Genetics | 16G15 | 60.6 | 8 |
| Galena Genetics | 23G15 | 59.7 | 9 |
| Galena Genetics | 20G17 | 59.6 | 10 |
| Galena Genetics | EXP 173951 | 59.4 | 11 |
| Galena Genetics | EXP 142454-32 | 58.9 | 12 |
| Galena Genetics | 26G17 | 58.8 | 13 |
| Competitor | MBS2081N | 58.3 | 14 |
| Competitor | MBS1581N | 57.9 | 15 |
| Galena Genetics | 12G15 | 57.5 | 16 |
| Galena Genetics | 13G19 | 57.3 | 17 |
| Competitor | MBS1281N | 55.0 | 18 |
| Galena Genetics | 20G15 | 53.0 | 19 |

Average Plot Yield 59.5



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Plot Location: Nashua
 State: Iowa
 Planting Date: May 1, 2020
 Harvest Date: October 9, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|------------|-------|------|
| Competitor | MBS2283N | 63.4 | 1 |
| Galena Genetics | 21G19 | 62.3 | 2 |
| Galena Genetics | 23G15 | 62.1 | 3 |
| Galena Genetics | 19G18 | 61.5 | 4 |
| Galena Genetics | 20G15 | 61.4 | 5 |
| Galena Genetics | 22G16 | 61.4 | 5 |
| Galena Genetics | 23G18 | 61.0 | 7 |
| Galena Genetics | 16G15 | 60.9 | 8 |
| Competitor | MBS2081N | 60.5 | 9 |
| Galena Genetics | 25G17 | 59.8 | 10 |
| Galena Genetics | 26G17 | 58.4 | 11 |
| Galena Genetics | EXP 173983 | 58.2 | 12 |
| Galena Genetics | 20G17 | 56.6 | 13 |
| Galena Genetics | 13G19 | 56.5 | 14 |
| Galena Genetics | EXP 175325 | 55.6 | 15 |
| Galena Genetics | 15G19 | 55.1 | 16 |
| Galena Genetics | EXP 176505 | 54.1 | 17 |
| Galena Genetics | 12G15 | 53.6 | 18 |

Average Plot Yield

59.0



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Plot Location: Newburg
 State: Iowa
 Planting Date: May 15, 2020
 Harvest Date: October 9, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|------------|-------|------|
| Competitor | P29T50 | 73.1 | 1 |
| Galena Genetics | EXP 165115 | 72.6 | 2 |
| Galena Genetics | 23G15 | 68.1 | 3 |
| Galena Genetics | EXP 176173 | 65.2 | 4 |
| Galena Genetics | EXP 173907 | 64.8 | 5 |
| Galena Genetics | 26G17 | 63.6 | 6 |
| Galena Genetics | EXP 170684 | 62.5 | 7 |
| Galena Genetics | EXP 170746 | 62.3 | 8 |
| Galena Genetics | EXP 173917 | 62.0 | 9 |
| Galena Genetics | 25G17 | 61.9 | 10 |
| Galena Genetics | EXP 171360 | 58.3 | 11 |

Average Plot Yield

64.9



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Plot Location: Winterset
State: Iowa
Planting Date: May 9, 2002
Harvest Date: October 8, 2020
Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|----------------|--------------|-------------|
| Galena Genetics | EXP 165115 | 59.4 | 1 |
| Competitor | P29T50 | 56.5 | 2 |
| Galena Genetics | 23G15 | 55.8 | 3 |
| Galena Genetics | EXP 173097 | 55.4 | 4 |
| Galena Genetics | 25G17 | 54.9 | 5 |
| Galena Genetics | 26G17 | 51.3 | 6 |

Average Plot Yield

55.6



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MINNESOTA

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Plot Location: Bird Island
State: Minnesota
Planting Date: May 15, 2020
Harvest Date: October 8, 2020
Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|----------------|--------------|-------------|
| Galena Genetics | 15G19 | 60.8 | 1 |
| Galena Genetics | 16G15 | 59.6 | 2 |
| Galena Genetics | EXP 173983 | 56.8 | 3 |
| Competitor | MBS1281N | 56.6 | 4 |
| Competitor | MBS1581N | 55.3 | 5 |
| Galena Genetics | 12G15 | 54.6 | 6 |
| Galena Genetics | 13G19 | 53.1 | 7 |
| Galena Genetics | EXP 176505 | 49.0 | 8 |
| Galena Genetics | EXP 175335 | 48.4 | 9 |

Average Plot Yield

54.9



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Plot Location: Blue Earth
 State: Minnesota
 Planting Date: May 7, 2020
 Harvest Date: October 6, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|------------|-------|------|
| Galena Genetics | EXP 171222 | 66.3 | 1 |
| Galena Genetics | 22G16 | 65.8 | 2 |
| Galena Genetics | 21G19 | 65.6 | 3 |
| Galena Genetics | EXP 176034 | 65.6 | 3 |
| Galena Genetics | 23G18 | 65.4 | 5 |
| Competitor | MBS2283N | 65.2 | 6 |
| Competitor | MBS2283N | 64.9 | 7 |
| Galena Genetics | EXP 176096 | 64.7 | 8 |
| Galena Genetics | 23G15 | 63.8 | 9 |
| Galena Genetics | 20G15 | 63.5 | 10 |
| Galena Genetics | 20G17 | 62.6 | 11 |
| Galena Genetics | 25G17 | 62.5 | 12 |
| Galena Genetics | 19G18 | 62.2 | 13 |
| Galena Genetics | 16G15 | 61.6 | 14 |
| Galena Genetics | 26G17 | 58.8 | 15 |
| Galena Genetics | 15G19 | 58.7 | 16 |
| Competitor | MBS1581N | 56.9 | 17 |
| Galena Genetics | 12G15 | 55.2 | 18 |
| Competitor | MBS1281N | 54.7 | 19 |
| Galena Genetics | 13G19 | 54.0 | 20 |

Average Plot Yield

61.9



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Plot Location: Jordan
 State: Minnesota
 Planting Date: May 11, 2020
 Harvest Date: October 15, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|---------------|-------|------|
| Galena Genetics | EXP 173907 | 76.8 | 1 |
| Galena Genetics | 21G19 | 76.5 | 2 |
| Galena Genetics | EXP 142454-32 | 76.3 | 3 |
| Galena Genetics | 16G15 | 76.0 | 4 |
| Galena Genetics | 22G16 | 74.9 | 5 |
| Competitor | C-108 | 73.9 | 6 |
| Galena Genetics | 19G18 | 72.2 | 7 |
| Galena Genetics | 20G15 | 70.0 | 8 |
| Competitor | C-206N | 68.5 | 9 |
| Competitor | 18C240 | 67.8 | 10 |
| Competitor | MBS1581N | 67.6 | 11 |
| Galena Genetics | EXP 176173 | 67.1 | 12 |
| Galena Genetics | 13G19 | 66.4 | 13 |
| Competitor | C-156N | 66.3 | 14 |
| Galena Genetics | 15G19 | 65.4 | 15 |
| Galena Genetics | EXP 176474 | 64.8 | 16 |
| Galena Genetics | 26G17 | 64.2 | 17 |
| Galena Genetics | 12G15 | 63.6 | 18 |
| Competitor | MBS2081 | 63.5 | 19 |
| Galena Genetics | EXP 176068 | 63.4 | 20 |
| Galena Genetics | 23G15 | 63.3 | 21 |
| Galena Genetics | 20G17 | 63.0 | 22 |
| Galena Genetics | 23G18 | 61.8 | 23 |
| Competitor | C-220N | 58.1 | 24 |

Average Plot Yield 68.0



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ORGANIC PLOT

Plot Location: Utica
 State: Minnesota
 Planting Date: May 13, 2020
 Harvest Date: October 16, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|---------------|-------|------|
| Competitor | MBS1581N | 50.9 | 1 |
| Galena Genetics | 16G15 | 49.3 | 2 |
| Galena Genetics | EXP 173907 | 48.7 | 3 |
| Galena Genetics | 23G18 | 47.4 | 4 |
| Galena Genetics | 23G15 | 47.0 | 5 |
| Galena Genetics | EXP 176173 | 46.0 | 6 |
| Galena Genetics | 20G15 | 45.7 | 7 |
| Galena Genetics | 26G17 | 44.3 | 8 |
| Galena Genetics | EXP 142454-32 | 42.7 | 9 |
| Galena Genetics | 12G15 | 42.5 | 10 |
| Galena Genetics | 15G19 | 41.5 | 11 |
| Galena Genetics | 13G19 | 41.3 | 12 |
| Competitor | MC2104 | 41.0 | 13 |
| Galena Genetics | 22G16 | 38.1 | 14 |
| Galena Genetics | EXP 176068 | 36.2 | 15 |
| Competitor | SR-20 | 35.4 | 16 |
| Galena Genetics | 19G18 | 34.9 | 17 |
| Galena Genetics | 21G19 | 33.1 | 18 |
| Galena Genetics | 20G17 | 32.5 | 19 |

ORGANIC PLOT

Average Plot Yield 42.0



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SOUTH DAKOTA

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Plot Location: Beresford
 State: South Dakota
 Planting Date: May 24, 2020
 Harvest Date: October 4, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|----------|-------|------|
| Galena Genetics | 16G15 | 43.8 | 1 |
| Galena Genetics | 15G19 | 41.7 | 2 |
| Galena Genetics | 20G15 | 41.5 | 3 |
| Galena Genetics | 20G17 | 40.5 | 4 |
| Galena Genetics | 23G15 | 40.4 | 5 |
| Galena Genetics | 26G17 | 40.1 | 6 |
| Galena Genetics | 21G19 | 39.4 | 7 |
| Galena Genetics | 12G15 | 39.3 | 8 |
| Galena Genetics | 25G17 | 39.0 | 9 |
| Galena Genetics | 13G19 | 38.8 | 10 |
| Competitor | MBS2081N | 38.3 | 11 |
| Galena Genetics | 22G16 | 36.5 | 12 |
| Galena Genetics | 23G18 | 36.4 | 13 |
| Competitor | MBS1581N | 33.8 | 14 |
| Galena Genetics | 19G18 | 32.9 | 15 |

Average Plot Yield

38.8



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Plot Location: Mitchell
 State: South Dakota
 Planting Date: May 22, 2020
 Harvest Date: October 5, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|----------|-------|------|
| Galena Genetics | 16G15 | 45.5 | 1 |
| Galena Genetics | 20G15 | 44.9 | 2 |
| Competitor | MBS1581N | 44.9 | 2 |
| Galena Genetics | 25G17 | 44.1 | 4 |
| Galena Genetics | 20G17 | 43.8 | 5 |
| Galena Genetics | 23G15 | 43.7 | 6 |
| Galena Genetics | 26G17 | 43.5 | 7 |
| Galena Genetics | 15G19 | 43.3 | 8 |
| Galena Genetics | 23G18 | 42.6 | 9 |
| Competitor | MBS2081N | 42.0 | 10 |
| Galena Genetics | 12G15 | 41.6 | 11 |
| Galena Genetics | 22G16 | 39.2 | 12 |
| Galena Genetics | 19G18 | 38.8 | 13 |
| Galena Genetics | 13G19 | 37.3 | 14 |
| Galena Genetics | 21G19 | 36.5 | 15 |

Average Plot Yield

42.1



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Plot Location: Watertown
 State: South Dakota
 Planting Date: May 21, 2020
 Harvest Date: October 7, 2020
 Row Width: 30"

| BRAND | VARIETY | YIELD | RANK |
|-----------------|---------------|-------|------|
| Galena Genetics | EXP 142454-32 | 66.7 | 1 |
| Galena Genetics | 16G15 | 64.3 | 2 |
| Galena Genetics | 13G19 | 60.3 | 3 |
| Galena Genetics | 20G15 | 59.3 | 4 |
| Galena Genetics | 15G19 | 59.1 | 5 |
| Galena Genetics | 19G18 | 58.2 | 6 |
| Galena Genetics | 21G19 | 57.2 | 7 |
| Galena Genetics | 20G17 | 56.5 | 8 |
| Competitor | MBS1581N | 53.4 | 9 |
| Competitor | MBS1281N | 52.6 | 10 |
| Galena Genetics | 12G15 | 49.6 | 11 |

Average Plot Yield

57.9