# LSV Sommergerste

## Versuchsergebnisse 2020



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# 1. Beschreibung der Versuchsstation

| Ort | Bodenart | NStE | Acker-zahl | Höhen-lage | Jahresmittel | |
|---|---|---|---|---|---|---|
| | | | | | Tempe-ratur | Nieder-schlag |
| Walbeck | Lehm | Lö3 | 70-80 | 240 | 8,6 | 491 |
| Bernburg | Lehm | Lö1 | 90 | 80 | 9,7 | 511 |
| Beetzendorf | lehmiger Sand | D4c | 45-50 | 47 | 8,4 | 575 |

# 2. Witterungsangaben

| | mittlere Monatstemperatur | | | Monatsniederschlag | | |
|---|---|---|---|---|---|---|
| Monat | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| 03 | 6,5 | 5,9 | 4,8 | 34,5 | 23,4 | 42,3 |
| 04 | 10,9 | 10,7 | 9,9 | 2,5 | 0,6 | 6,9 |
| 05 | 9,9 | 12,5 | 12,1 | 28,5 | 30,7 | 23,5 |
| 06 | 16,0 | 18,6 | 18,4 | 87,5 | 53,4 | 62,4 |
| 07 | 16,2 | 18,9 | 17,5 | 30,0 | 34,9 | 49,6 |

# 3. Prüffaktoren und Stufen

## 3.1. Prüffaktor A - 2 Stufen Intensität

a1 - ohne Fungizid
a2 - mit Fungizid

## 3.2. Prüffaktor B - 10 oder 12 Sorten

| Sorte | BSA-Nr. | Zulassung | Züchter/Vertrieb | Walbeck | Bernburg | Beetzendorf |
|---|---|---|---|---|---|---|
| Accordine (B) | 1855 | 1016 | Sz. Ackermann / SU | 1 | 1 | 1 |
| Amidala (B) | 3030 | 2019 | Nordsaat / Hauptsaaten | 1 | 1 | 1 |
| Applaus (B) | 3036 | 2019 | Nordsaat / SU | 1 | 1 | 1 |
| Avalon (B) | 1606 | 1011 | Sz. Breun / Hauptsaaten | 1 | 1 | 1 |
| KWS Jessie (B) | 3046 | 2019 | KWS | 1 | 1 | 1 |
| Leandra (B) | 1934 | 1017 | Sz. Breun / Hauptsaaten | 1 | 1 | 1 |
| Quench (B) | 1194 | 1006 | Syngenta Seeds | 1 | 1 | 1 |
| RGT Planet (B) | 1703 | 1014 | RAGT | 1 | 1 | 1 |
| Prospect | 1993 | 1018 | Sz. Streng / IGP | 1 | | 1 |
| Solist | 1601 | 1011 | Sz. Streng / IGP | 1 | 1 | |
| Ellinor | 3087 | EU | Sz. Breun / Nordic Seed | | | 1 |
| Klarinette | 1996 | 1018 | Secobra | | | 1 |
| Laureate | 1843 | 1016 | Syngenta Seeds | | | 1 |

(B) - Mittelwert dieser Sorten ist Berechnungsgrundlage für Relativwerte

# 4. Versuchsergebnisse

## 4.1. Acker- und Pflanzenbau

| Ort | Vorfrucht | Datum der | | | Aussaat-stärke Körner/m² |
|---|---|---|---|---|---|
| | | Grundboden-bearbeitung | Aussaat | Ernte | |
| Walbeck | Körnerfuttererbsen | 07.04.19 | 18.03.20 | 07.08.20 | 300 |
| Bernburg | Hafer (Körnernutzung) | 26.08.19 | 16.03.20 | 28.07.20 | 350 |
| Beetzendorf | Hafer (Körnernutzung) | 17.12.19 | 18.03.20 | 29.07.20 | 320 |

## 4.2. Bodenuntersuchung

| Ort | Datum | pH-Wert | in mg je 100 g Boden | | |
|---|---|---|---|---|---|
| | | | K2O | P2O5 | Mg |
| Walbeck | 20.08.19 | 6,6 | 27,7 | 15,1 | 10,3 |
| Bernburg | 29.07.19 | 6,6 | 19,2 | 16,7 | 11,9 |
| Beetzendorf | 13.08.19 | 5,9 | 9,6 | 11,0 | 4,4 |

| Ort | in mg je 1000 g Boden | | | | |
|---|---|---|---|---|---|
| | B | Cu | S | Mn | Na |
| Walbeck | 1,0 | 12,5 | 66,0 | 115,0 | 12,7 |
| Bernburg | 1,3 | 7,5 | | 148,0 | |
| Beetzendorf | 0,3 | 3,3 | 0,5 | 41,0 | 4,0 |

## 4.3. N-min-Untersuchung (Angaben in kg/ha)

| Ort | Datum | N-min in kg/ha | | |
|---|---|---|---|---|
| | | 0 - 30 cm | 30 - 60 cm | 60 - 90 cm |
| Walbeck | 04.03.20 | 19 | 80 | |
| Bernburg | 12.02.20 | 8 | 18 | 54 |
| Beetzendorf | 13.02.20 | 11 | 21 | 20 |

## 4.4. Düngung im Gesamtversuch (Angaben in kg/ha)

| Ort | Datum | BBCH | Mittel | N | P2O5 | K2O | MgO | CaO | S |
|---|---|---|---|---|---|---|---|---|---|
| Walbeck | 21.08.19 | 0 | Magnesia-Kainit | | | 6 | 3 | | 3 |
| | 22.08.19 | 0 | PK-Dünger | | 18 | 36 | | | 8 |
| | | | Mg-Branntkalk | | | | 48 | 68 | |
| | 06.05.20 | 25 | NPK-Dünger | 40 | 10 | 19 | 6 | | 11 |
| Bernburg | 08.08.19 | 0 | PK-Dünger | | 200 | 300 | 13 | | |
| | 04.03.20 | 0 | KAS | 120 | | | | | |
| Beetzendorf | 04.09.19 | 0 | PK-Dünger | | 135 | 271 | 23 | | 79 |
| | 18.03.20 | 1 | Entec 26 | 59 | | | | | |

## 4.5. Pflanzenschutz im Gesamtversuch

| Ort | Datum | BBCH | Mittel | Menge | Bereich |
|---|---|---|---|---|---|
| Walbeck | 28.04.20 | 23 | Karate Zeon | 0,075 l/ha | I |
| | 08.05.20 | 26 | U 46 M-Fluid | 1,4 l/ha | H |
| Bernburg | 03.06.20 | 55 | Pirimor Granulat | 0,2 kg/ha | I |
| Beetzendorf | 17.04.20 | 11 | OMNERA LQM | 1 l/ha | H |
| | 19.05.20 | 24 | Lamdex Forte | 150 g/ha | I |

## 4.6. faktorieller Pflanzenschutz

| Jahr | Datum | BBCH | Mittel | Menge | Bereich | Stufe |
|---|---|---|---|---|---|---|
| Walbeck | 18.05.20 | 31 | TALIUS | 0,25 l/ha | F | mit Fungizid |
| | 09.06.20 | 61 | Ascra Xpro | 1,2 l/ha | F | mit Fungizid |
| Bernburg | 28.05.20 | 55 | Ascra Xpro | 1 l/ha | F | mit Fungizid |
| Beetzendorf | 28.05.20 | 45 | TALIUS | 0,2 l/ha | F | mit Fungizid |
| | | | Input Classic | 1,25 l/ha | F | mit Fungizid |

## 4.7. Prüfmerkmale

### 4.7.1. Datum der Merkmalserfassung und BBCH-Stadium zur Merkmalserfassung

| Merkmal | Walbeck | | Bernburg | | Beetzendorf | |
|---|---|---|---|---|---|---|
| | Datum | BBCH | Datum | BBCH | Datum | BBCH |
| Datum des Aufgangs | 08.04.20 | 10 | 06.04.20 | 9 | 06.04.20 | 9 |
| Datum des Ährenschiebens | 03.06.20 | 51 | 08.06.20 | 59 | 10.06.20 | 57 |
| Datum der Gelbreife | 15.07.20 | 87 | 13.07.20 | 87 | 13.07.20 | 87 |
| Tage von Aussaat bis Aufgang | 08.04.20 | 10 | 06.04.20 | 9 | 06.04.20 | 9 |
| Tage von Aussaat bis Ährenschieben | 03.06.20 | 51 | 08.06.20 | 59 | 10.06.20 | 57 |
| Tage von Aussaat bis Gelbreife | 15.07.20 | 87 | 13.07.20 | 87 | 13.07.20 | 87 |
| Mängel im Stand nach Aufgang | 20.04.20 | 13 | 20.04.20 | 14 | 16.04.20 | 11 |
| Mängel im Stand vor Ernte | 05.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Lager vor Ernte | 05.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Halmknicken | 05.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Ährenknicken | 05.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Ausfall | 05.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Zwiewuchs | 05.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Reifeverzögerung des Strohs | 05.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Mehltau | 03.07.20 | 72 | 08.06.20 | 59 | 25.06.20 | 75 |
| Netzflecken | 03.07.20 | 72 | 27.05.20 | 55 | 25.06.20 | 75 |
| Rhynchosporium | 03.07.20 | 72 | | | 25.06.20 | 75 |
| Undefinierbare Blattflecken | 03.07.20 | 72 | | | 25.06.20 | 75 |
| Zwergrost | 03.07.20 | 72 | 27.05.20 | 55 | 25.06.20 | 75 |
| Bestandesdichte Ähren/m² | | | 10.07.20 | 86 | 25.06.20 | 75 |
| Pflanzenlänge in cm | 22.06.20 | 70 | 13.07.20 | 87 | 24.06.20 | 75 |
| Kornertrag bei 86% TS in dt/ha | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Einzelährenertrag bei 86% TS in g | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Anteil Körner > 2,2 mm in % | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Anteil Körner > 2,5 mm in % | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Anteil Körner > 2,8 mm in % | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Ertrag Körner > 2,2 mm in dt/ha | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Ertrag Körner > 2,5 mm in dt/ha | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Rohproteingehalt bei 100% TS in % | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Rohproteinertrag (Korn in TM) dt/ha | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Hektolitergewicht | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| TKM bei 86% TS in g | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |
| Kornzahl/Ähre | 07.08.20 | 89 | 28.07.20 | 99 | 29.07.20 | 99 |

### 4.7.2. Datum des Aufgangs

| Datum des Aufgangs | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 07.04.20 | 07.04.20 | 06.04.20 | 08.04.20 | 07.04.20 | 06.04.20 |
| Amidala (B) | 06.04.20 | 06.04.20 | 04.04.20 | 06.04.20 | 06.04.20 | 04.04.20 |
| Applaus (B) | 07.04.20 | 06.04.20 | 04.04.20 | 07.04.20 | 06.04.20 | 04.04.20 |
| Avalon (B) | 06.04.20 | 05.04.20 | 05.04.20 | 06.04.20 | 05.04.20 | 05.04.20 |
| KWS Jessie (B) | 07.04.20 | 05.04.20 | 04.04.20 | 07.04.20 | 05.04.20 | 04.04.20 |
| Leandra (B) | 07.04.20 | 06.04.20 | 04.04.20 | 07.04.20 | 06.04.20 | 04.04.20 |
| Quench (B) | 06.04.20 | 06.04.20 | 06.04.20 | 07.04.20 | 06.04.20 | 06.04.20 |
| RGT Planet (B) | 06.04.20 | 06.04.20 | 05.04.20 | 07.04.20 | 06.04.20 | 05.04.20 |
| Prospect | 07.04.20 | | 03.04.20 | 07.04.20 | | 03.04.20 |
| Solist | 06.04.20 | 05.04.20 | | 06.04.20 | 05.04.20 | |
| Ellinor | | | 05.04.20 | | | 05.04.20 |
| Klarinette | | | 05.04.20 | | | 05.04.20 |
| Laureate | | | 06.04.20 | | | 06.04.20 |
| **Mittelwert** | **06.04.20** | **05.04.20** | **04.04.20** | **06.04.20** | **05.04.20** | **04.04.20** |
| **Minimum** | **06.04.20** | **05.04.20** | **03.04.20** | **06.04.20** | **05.04.20** | **03.04.20** |
| **Maximum** | **07.04.20** | **07.04.20** | **06.04.20** | **08.04.20** | **07.04.20** | **06.04.20** |
| **Mittel (B)** | **06.04.20** | **05.04.20** | **04.04.20** | **06.04.20** | **05.04.20** | **04.04.20** |

### 4.7.3. Tage von Aussaat bis Aufgang

| Tage von Aussaat bis Aufgang | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 20 | 22 | 19 | 21 | 22 | 19 |
| Amidala (B) | 19 | 21 | 17 | 19 | 21 | 17 |
| Applaus (B) | 20 | 21 | 17 | 20 | 21 | 17 |
| Avalon (B) | 19 | 20 | 18 | 19 | 20 | 18 |
| KWS Jessie (B) | 20 | 20 | 17 | 20 | 20 | 17 |
| Leandra (B) | 20 | 21 | 17 | 20 | 21 | 17 |
| Quench (B) | 19 | 21 | 19 | 20 | 21 | 19 |
| RGT Planet (B) | 19 | 21 | 18 | 20 | 21 | 18 |
| Prospect | 20 | | 16 | 20 | | 16 |
| Solist | 19 | 20 | | 19 | 20 | |
| Ellinor | | | 18 | | | 18 |
| Klarinette | | | 18 | | | 18 |
| Laureate | | | 19 | | | 19 |
| **Mittelwert** | **20** | **21** | **18** | **20** | **21** | **18** |
| **Minimum** | **19** | **20** | **16** | **19** | **20** | **16** |
| **Maximum** | **20** | **22** | **19** | **21** | **22** | **19** |
| **Mittel (B)** | **20** | **21** | **18** | **20** | **21** | **18** |

### 4.7.4. Datum des Ährenschiebens

| Datum des Ährenschiebens | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 01.06.20 | 11.06.20 | 08.06.20 | 01.06.20 | 12.06.20 | 08.06.20 |
| Amidala (B) | 31.05.20 | 13.06.20 | 09.06.20 | 31.05.20 | 10.06.20 | 09.06.20 |
| Applaus (B) | 31.05.20 | 12.06.20 | 09.06.20 | 30.05.20 | 12.06.20 | 09.06.20 |
| Avalon (B) | 01.06.20 | 11.06.20 | 11.06.20 | 02.06.20 | 10.06.20 | 11.06.20 |
| KWS Jessie (B) | 30.05.20 | 12.06.20 | 10.06.20 | 30.05.20 | 12.06.20 | 10.06.20 |
| Leandra (B) | 01.06.20 | 13.06.20 | 12.06.20 | 03.06.20 | 13.06.20 | 12.06.20 |
| Quench (B) | 01.06.20 | 09.06.20 | 09.06.20 | 02.06.20 | 14.06.20 | 09.06.20 |
| RGT Planet (B) | 31.05.20 | 09.06.20 | 08.06.20 | 30.05.20 | 12.06.20 | 08.06.20 |
| Prospect | 01.06.20 | | 10.06.20 | 02.06.20 | | 10.06.20 |
| Solist | 01.06.20 | 09.06.20 | | 03.06.20 | 14.06.20 | |
| Ellinor | | | 09.06.20 | | | 09.06.20 |
| Klarinette | | | 10.06.20 | | | 10.06.20 |
| Laureate | | | 11.06.20 | | | 11.06.20 |
| **Mittelwert** | **31.05.20** | **11.06.20** | **09.06.20** | **01.06.20** | **12.06.20** | **09.06.20** |
| **Minimum** | **30.05.20** | **09.06.20** | **08.06.20** | **30.05.20** | **10.06.20** | **08.06.20** |
| **Maximum** | **01.06.20** | **13.06.20** | **12.06.20** | **03.06.20** | **14.06.20** | **12.06.20** |
| **Mittel (B)** | **31.05.20** | **11.06.20** | **09.06.20** | **31.05.20** | **11.06.20** | **09.06.20** |

### 4.7.5. Tage von Aussaat bis Ähren schieben

| Tage von Aussaat bis Ähren schieben | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 75 | 87 | 82 | 75 | 88 | 82 |
| Amidala (B) | 74 | 89 | 83 | 74 | 86 | 83 |
| Applaus (B) | 74 | 88 | 83 | 73 | 88 | 83 |
| Avalon (B) | 75 | 87 | 85 | 76 | 86 | 85 |
| KWS Jessie (B) | 73 | 88 | 84 | 73 | 88 | 84 |
| Leandra (B) | 75 | 89 | 86 | 77 | 89 | 86 |
| Quench (B) | 75 | 85 | 83 | 76 | 90 | 83 |
| RGT Planet (B) | 74 | 85 | 82 | 73 | 88 | 82 |
| Prospect | 75 | | 84 | 76 | | 84 |
| Solist | 75 | 85 | | 77 | 90 | |
| Ellinor | | | 83 | | | 83 |
| Klarinette | | | 84 | | | 84 |
| Laureate | | | 85 | | | 85 |
| **Mittelwert** | **75** | **87** | **84** | **75** | **88** | **84** |
| **Minimum** | **73** | **85** | **82** | **73** | **86** | **82** |
| **Maximum** | **75** | **89** | **86** | **77** | **90** | **86** |
| **Mittel (B)** | **74** | **87** | **84** | **75** | **88** | **84** |

### 4.7.6. Datum der Gelbreife

| Datum der Gelbreife | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 12.07.20 | 03.07.20 | 13.07.20 | 13.07.20 | 03.07.20 | 13.07.20 |
| Amidala (B) | 11.07.20 | 02.07.20 | 13.07.20 | 16.07.20 | 05.07.20 | 13.07.20 |
| Applaus (B) | 11.07.20 | 02.07.20 | 12.07.20 | 13.07.20 | 02.07.20 | 15.07.20 |
| Avalon (B) | 10.07.20 | 02.07.20 | 14.07.20 | 14.07.20 | 02.07.20 | 14.07.20 |
| KWS Jessie (B) | 11.07.20 | 02.07.20 | 10.07.20 | 14.07.20 | 02.07.20 | 11.07.20 |
| Leandra (B) | 12.07.20 | 02.07.20 | 12.07.20 | 15.07.20 | 02.07.20 | 13.07.20 |
| Quench (B) | 11.07.20 | 03.07.20 | 12.07.20 | 14.07.20 | 03.07.20 | 13.07.20 |
| RGT Planet (B) | 11.07.20 | 02.07.20 | 13.07.20 | 13.07.20 | 02.07.20 | 13.07.20 |
| Prospect | 12.07.20 | | 10.07.20 | 15.07.20 | | 11.07.20 |
| Solist | 11.07.20 | 03.07.20 | | 14.07.20 | 03.07.20 | |
| Ellinor | | | 13.07.20 | | | 13.07.20 |
| Klarinette | | | 13.07.20 | | | 13.07.20 |
| Laureate | | | 11.07.20 | | | 13.07.20 |
| **Mittelwert** | **11.07.20** | **02.07.20** | **12.07.20** | **14.07.20** | **02.07.20** | **12.07.20** |
| **Minimum** | **10.07.20** | **02.07.20** | **10.07.20** | **13.07.20** | **02.07.20** | **11.07.20** |
| **Maximum** | **12.07.20** | **03.07.20** | **14.07.20** | **16.07.20** | **05.07.20** | **15.07.20** |
| **Mittel (B)** | **11.07.20** | **02.07.20** | **12.07.20** | **14.07.20** | **02.07.20** | **13.07.20** |

### 4.7.7. Tage von Aussaat bis Gelbreife

| Tage von Aussaat bis Gelbreife | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 116 | 109 | 117 | 117 | 109 | 117 |
| Amidala (B) | 115 | 108 | 117 | 120 | 111 | 117 |
| Applaus (B) | 115 | 108 | 116 | 117 | 108 | 119 |
| Avalon (B) | 114 | 108 | 118 | 118 | 108 | 118 |
| KWS Jessie (B) | 115 | 108 | 114 | 118 | 108 | 115 |
| Leandra (B) | 116 | 108 | 116 | 119 | 108 | 117 |
| Quench (B) | 115 | 109 | 116 | 118 | 109 | 117 |
| RGT Planet (B) | 115 | 108 | 117 | 117 | 108 | 117 |
| Prospect | 116 | | 114 | 119 | | 115 |
| Solist | 115 | 109 | | 118 | 109 | |
| Ellinor | | | 117 | | | 117 |
| Klarinette | | | 117 | | | 117 |
| Laureate | | | 115 | | | 117 |
| **Mittelwert** | **115** | **108** | **116** | **118** | **109** | **117** |
| **Minimum** | **114** | **108** | **114** | **117** | **108** | **115** |
| **Maximum** | **116** | **109** | **118** | **120** | **111** | **119** |
| **Mittel (B)** | **115** | **108** | **116** | **118** | **109** | **117** |

### 4.7.8. Mängel im Stand nach Aufgang

| Mängel im Stand nach Aufgang | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 2,0 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| Amidala (B) | 2,0 | 1,0 | 1,0 | 1,5 | 1,0 | 1,0 |
| Applaus (B) | 1,5 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| Avalon (B) | 2,0 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 2,5 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| Leandra (B) | 2,0 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| Quench (B) | 2,0 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| RGT Planet (B) | 1,5 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| Prospect | 2,5 | | 1,0 | 1,5 | | 1,0 |
| Solist | 2,0 | 1,0 | | 2,0 | 1,0 | |
| Ellinor | | | 1,0 | | | 1,0 |
| Klarinette | | | 1,0 | | | 1,0 |
| Laureate | | | 1,0 | | | 1,0 |
| **Mittelwert** | **2,0** | **1,0** | **1,0** | **1,9** | **1,0** | **1,0** |
| **Minimum** | **1,5** | **1,0** | **1,0** | **1,5** | **1,0** | **1,0** |
| **Maximum** | **2,5** | **1,0** | **1,0** | **2,0** | **1,0** | **1,0** |
| **Mittel (B)** | **1,9** | **1,0** | **1,0** | **1,9** | **1,0** | **1,0** |

### 4.7.9. Mängel im Stand vor Ernte

| Mängel im Stand vor Ernte | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Amidala (B) | 1,5 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| Applaus (B) | 2,0 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| Avalon (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 1,0 | 1,0 | 1,0 | 1,5 | 1,0 | 1,0 |
| Leandra (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Quench (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| RGT Planet (B) | 1,5 | 1,0 | 1,0 | 1,5 | 1,0 | 1,0 |
| Prospect | 1,0 | | 1,0 | 1,0 | | 1,0 |
| Solist | 2,0 | 1,0 | | 2,0 | 1,0 | |
| Ellinor | | | 1,0 | | | 1,0 |
| Klarinette | | | 1,0 | | | 1,0 |
| Laureate | | | 1,0 | | | 1,0 |
| **Mittelwert** | **1,3** | **1,0** | **1,0** | **1,4** | **1,0** | **1,0** |
| **Minimum** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Maximum** | **2,0** | **1,0** | **1,0** | **2,0** | **1,0** | **1,0** |
| **Mittel (B)** | **1,3** | **1,0** | **1,0** | **1,4** | **1,0** | **1,0** |

### 4.7.10. Lager vor Ernte

| Lager vor Ernte | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Amidala (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Applaus (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Avalon (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Leandra (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Quench (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| RGT Planet (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Prospect | 1,0 | | 1,0 | 1,0 | | 1,0 |
| Solist | 1,0 | 1,0 | | 1,0 | 1,0 | |
| Ellinor | | | 1,0 | | | 1,0 |
| Klarinette | | | 1,0 | | | 1,0 |
| Laureate | | | 1,0 | | | 1,0 |
| **Mittelwert** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Minimum** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Maximum** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Mittel (B)** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |

### 4.7.11. Halmknicken

| Halmknicken | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 1,0 | 3,0 | 1,0 | 2,5 | 2,0 | 1,0 |
| Amidala (B) | 2,0 | 2,5 | 1,0 | 2,5 | 2,0 | 1,0 |
| Applaus (B) | 3,0 | 4,5 | 1,0 | 3,0 | 3,5 | 1,0 |
| Avalon (B) | 2,0 | 3,5 | 1,0 | 1,0 | 3,0 | 1,0 |
| KWS Jessie (B) | 2,5 | 4,0 | 1,0 | 3,0 | 3,0 | 1,0 |
| Leandra (B) | 1,5 | 2,5 | 1,0 | 1,5 | 2,0 | 1,0 |
| Quench (B) | 2,0 | 3,5 | 1,0 | 1,5 | 2,5 | 1,0 |
| RGT Planet (B) | 2,5 | 3,5 | 1,0 | 2,5 | 2,5 | 1,0 |
| Prospect | 2,0 | | 1,0 | 1,5 | | 1,0 |
| Solist | 2,5 | 3,0 | | 3,0 | 2,5 | |
| Ellinor | | | 1,0 | | | 1,0 |
| Klarinette | | | 1,0 | | | 1,0 |
| Laureate | | | 1,0 | | | 1,0 |
| **Mittelwert** | **2,1** | **3,3** | **1,0** | **2,2** | **2,6** | **1,0** |
| **Minimum** | **1,0** | **2,5** | **1,0** | **1,0** | **2,0** | **1,0** |
| **Maximum** | **3,0** | **4,5** | **1,0** | **3,0** | **3,5** | **1,0** |
| **Mittel (B)** | **2,1** | **3,4** | **1,0** | **2,2** | **2,6** | **1,0** |

### 4.7.12. Ährenknicken

| Ährenknicken | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Amidala (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Applaus (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Avalon (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Leandra (B) | 1,0 | 1,5 | 1,0 | 1,0 | 1,0 | 1,0 |
| Quench (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| RGT Planet (B) | 1,0 | 1,5 | 1,0 | 1,0 | 1,0 | 1,0 |
| Prospect | 1,0 | | 1,0 | 1,0 | | 1,0 |
| Solist | 1,0 | 1,0 | | 1,0 | 1,0 | |
| Ellinor | | | 1,0 | | | 1,0 |
| Klarinette | | | 1,0 | | | 1,0 |
| Laureate | | | 1,0 | | | 1,0 |
| **Mittelwert** | **1,0** | **1,1** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Minimum** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Maximum** | **1,0** | **1,5** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Mittel (B)** | **1,0** | **1,1** | **1,0** | **1,0** | **1,0** | **1,0** |

### 4.7.13. Ausfall

| Ausfall | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Amidala (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Applaus (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Avalon (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Leandra (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Quench (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| RGT Planet (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Prospect | 1,0 | | 1,0 | 1,0 | | 1,0 |
| Solist | 1,0 | 1,0 | | 1,0 | 1,0 | |
| Ellinor | | | 1,0 | | | 1,0 |
| Klarinette | | | 1,0 | | | 1,0 |
| Laureate | | | 1,0 | | | 1,0 |
| **Mittelwert** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Minimum** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Maximum** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Mittel (B)** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |

### 4.7.14. Zwiewuchs

| Zwiewuchs | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 2,5 | 1,0 | 1,0 | 5,0 | 1,0 | 1,0 |
| Amidala (B) | 2,0 | 1,0 | 1,0 | 5,0 | 1,0 | 1,0 |
| Applaus (B) | 2,0 | 1,0 | 1,0 | 3,0 | 1,0 | 1,0 |
| Avalon (B) | 3,0 | 1,0 | 1,0 | 4,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 1,0 | 1,0 | 1,0 | 3,0 | 1,0 | 1,0 |
| Leandra (B) | 1,0 | 1,0 | 1,0 | 4,0 | 1,0 | 1,0 |
| Quench (B) | 2,5 | 1,0 | 1,0 | 4,0 | 1,0 | 1,0 |
| RGT Planet (B) | 2,5 | 1,0 | 1,0 | 5,0 | 1,0 | 1,0 |
| Prospect | 1,0 | | 1,0 | 4,0 | | 1,0 |
| Solist | 3,0 | 1,0 | | 3,5 | 1,0 | |
| Ellinor | | | 1,0 | | | 1,0 |
| Klarinette | | | 1,0 | | | 1,0 |
| Laureate | | | 1,0 | | | 1,0 |
| **Mittelwert** | **2,1** | **1,0** | **1,0** | **4,1** | **1,0** | **1,0** |
| **Minimum** | **1,0** | **1,0** | **1,0** | **3,0** | **1,0** | **1,0** |
| **Maximum** | **3,0** | **1,0** | **1,0** | **5,0** | **1,0** | **1,0** |
| **Mittel (B)** | **2,1** | **1,0** | **1,0** | **4,1** | **1,0** | **1,0** |

### 4.7.15. Reifeverzögerung des Strohs

| Reifeverzögerung des Strohs | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 1,5 | 1,0 | 1,0 | 3,0 | 1,0 | 1,0 |
| Amidala (B) | 1,5 | 1,0 | 1,0 | 3,0 | 1,0 | 1,0 |
| Applaus (B) | 1,0 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| Avalon (B) | 1,5 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 1,0 | 1,0 | 1,0 | 1,5 | 1,0 | 1,0 |
| Leandra (B) | 1,0 | 1,0 | 1,0 | 2,5 | 1,0 | 2,0 |
| Quench (B) | 1,5 | 1,0 | 1,0 | 2,0 | 1,0 | 1,0 |
| RGT Planet (B) | 1,0 | 1,0 | 1,0 | 2,5 | 1,0 | 1,0 |
| Prospect | 1,0 | | 1,0 | 2,0 | | 1,0 |
| Solist | 2,0 | 1,0 | | 1,5 | 1,0 | |
| Ellinor | | | 1,0 | | | 1,0 |
| Klarinette | | | 1,5 | | | 1,5 |
| Laureate | | | 1,5 | | | 1,0 |
| **Mittelwert** | **1,3** | **1,0** | **1,1** | **2,2** | **1,0** | **1,1** |
| **Minimum** | **1,0** | **1,0** | **1,0** | **1,5** | **1,0** | **1,0** |
| **Maximum** | **2,0** | **1,0** | **1,5** | **3,0** | **1,0** | **2,0** |
| **Mittel (B)** | **1,3** | **1,0** | **1,0** | **2,3** | **1,0** | **1,1** |

### 4.7.16. Mehltau

| Mehltau | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Amidala (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Applaus (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Avalon (B) | 1,0 | 5,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Leandra (B) | 1,5 | 2,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Quench (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| RGT Planet (B) | 1,0 | 1,5 | 1,0 | 1,0 | 1,0 | 1,0 |
| Prospect | 1,0 | | 1,0 | 1,0 | | 1,0 |
| Solist | 1,0 | 1,0 | | 1,0 | 1,0 | |
| Ellinor | | | 1,0 | | | 1,0 |
| Klarinette | | | 1,0 | | | 1,0 |
| Laureate | | | 1,0 | | | 1,0 |
| **Mittelwert** | **1,1** | **1,6** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Minimum** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Maximum** | **1,5** | **5,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Mittel (B)** | **1,1** | **1,7** | **1,0** | **1,0** | **1,0** | **1,0** |

### 4.7.17. Netzflecken

| Netzflecken | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 1,5 | 1,0 | 1,0 | 1,0 | 1,0 | 1,5 |
| Amidala (B) | 1,5 | 1,0 | 2,0 | 1,0 | 1,0 | 1,0 |
| Applaus (B) | 2,0 | 1,0 | 1,5 | 1,0 | 1,0 | 1,0 |
| Avalon (B) | 1,0 | 1,0 | 1,5 | 1,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 2,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Leandra (B) | 1,5 | 1,0 | 1,0 | 1,0 | 1,0 | 1,5 |
| Quench (B) | 1,5 | 1,0 | 1,0 | 1,0 | 1,0 | 2,0 |
| RGT Planet (B) | 1,5 | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 |
| Prospect | 1,5 | | 1,5 | 1,0 | | 1,0 |
| Solist | 2,0 | 1,0 | | 1,0 | 1,0 | |
| Ellinor | | | 2,5 | | | 1,0 |
| Klarinette | | | 1,0 | | | 1,0 |
| Laureate | | | 1,0 | | | 1,0 |
| **Mittelwert** | **1,6** | **1,0** | **1,3** | **1,0** | **1,0** | **1,2** |
| **Minimum** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Maximum** | **2,0** | **1,0** | **2,5** | **1,0** | **1,0** | **2,0** |
| **Mittel (B)** | **1,6** | **1,0** | **1,3** | **1,0** | **1,0** | **1,3** |

### 4.7.18. Rhynchosporium

| Rhynchosporium | Intensität Stufe 1 = ohne Fungizid | | Intensität Stufe 2 = mit Fungizid | |
|---|---|---|---|---|
| | Walbeck | Beetzen-dorf | Walbeck | Beetzen-dorf |
| Accordine (B) | 1,5 | 1,0 | 1,0 | 1,0 |
| Amidala (B) | 1,0 | 1,0 | 1,0 | 1,0 |
| Applaus (B) | 1,0 | 1,0 | 1,0 | 1,0 |
| Avalon (B) | 1,0 | 1,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 1,0 | 1,0 | 1,0 | 1,0 |
| Leandra (B) | 1,0 | 1,0 | 1,0 | 1,0 |
| Quench (B) | 1,0 | 1,0 | 1,0 | 1,0 |
| RGT Planet (B) | 1,0 | 1,0 | 1,0 | 1,0 |
| Prospect | 1,0 | 1,0 | 1,0 | 1,0 |
| Solist | 1,0 | | 1,0 | |
| Ellinor | | 1,0 | | 1,0 |
| Klarinette | | 1,0 | | 1,0 |
| Laureate | | 1,0 | | 1,0 |
| **Mittelwert** | **1,1** | **1,0** | **1,0** | **1,0** |
| **Minimum** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Maximum** | **1,5** | **1,0** | **1,0** | **1,0** |
| **Mittel (B)** | **1,1** | **1,0** | **1,0** | **1,0** |

### 4.7.19. Undefinierbare Blattflecken

| Undefinierbare Blattflecken | Intensität Stufe 1 = ohne Fungizid | | Intensität Stufe 2 = mit Fungizid | |
|---|---|---|---|---|
| | Walbeck | Beetzen-dorf | Walbeck | Beetzen-dorf |
| Accordine (B) | 4,0 | 1,0 | 2,0 | 1,0 |
| Amidala (B) | 4,0 | 1,0 | 1,0 | 1,0 |
| Applaus (B) | 4,0 | 1,0 | 1,5 | 1,0 |
| Avalon (B) | 3,0 | 1,0 | 1,0 | 1,0 |
| KWS Jessie (B) | 4,0 | 1,0 | 2,0 | 1,0 |
| Leandra (B) | 3,5 | 1,0 | 2,0 | 1,0 |
| Quench (B) | 5,0 | 1,0 | 1,0 | 1,0 |
| RGT Planet (B) | 4,5 | 1,0 | 2,0 | 1,0 |
| Prospect | 3,5 | 1,0 | 1,0 | 1,0 |
| Solist | 5,5 | | 1,0 | |
| Ellinor | | 1,0 | | 1,0 |
| Klarinette | | 1,0 | | 1,0 |
| Laureate | | 1,0 | | 1,0 |
| **Mittelwert** | **4,1** | **1,0** | **1,5** | **1,0** |
| **Minimum** | **3,0** | **1,0** | **1,0** | **1,0** |
| **Maximum** | **5,5** | **1,0** | **2,0** | **1,0** |
| **Mittel (B)** | **4,0** | **1,0** | **1,6** | **1,0** |

### 4.7.20. Zwergrost

| Zwergrost | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 1,0 | 1,0 | 1,0 | 1,0 | 1,0 | 1,5 |
| Amidala (B) | 2,5 | 1,0 | 2,0 | 1,0 | 1,0 | 1,0 |
| Applaus (B) | 3,0 | 1,0 | 3,0 | 1,0 | 1,0 | 1,0 |
| Avalon (B) | 2,5 | 1,0 | 1,0 | 1,0 | 1,0 | 1,5 |
| KWS Jessie (B) | 4,5 | 1,0 | 4,0 | 1,0 | 1,0 | 1,0 |
| Leandra (B) | 1,5 | 1,0 | 3,0 | 1,0 | 1,0 | 1,0 |
| Quench (B) | 2,5 | 1,0 | 3,5 | 1,0 | 1,0 | 1,0 |
| RGT Planet (B) | 4,0 | 1,0 | 2,0 | 1,0 | 1,0 | 1,0 |
| Prospect | 4,5 | | 3,0 | 1,0 | | 1,0 |
| Solist | 5,0 | 1,0 | | 1,0 | 1,0 | |
| Ellinor | | | 1,0 | | | 1,0 |
| Klarinette | | | 2,0 | | | 1,0 |
| Laureate | | | 1,5 | | | 1,5 |
| **Mittelwert** | **3,1** | **1,0** | **2,3** | **1,0** | **1,0** | **1,1** |
| **Minimum** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** | **1,0** |
| **Maximum** | **5,0** | **1,0** | **4,0** | **1,0** | **1,0** | **1,5** |
| **Mittel (B)** | **2,7** | **1,0** | **2,4** | **1,0** | **1,0** | **1,1** |

### 4.7.21. Bestandesdichte Ähren/m²

| Bestandesdichte Ähren/m² | Intensität Stufe 1 = ohne Fungizid | | Intensität Stufe 2 = mit Fungizid | |
|---|---|---|---|---|
| | Bernburg | Beetzen-dorf | Bernburg | Beetzen-dorf |
| Accordine (B) | 708 | 636 | 686 | 748 |
| Amidala (B) | 774 | 664 | 752 | 684 |
| Applaus (B) | 704 | 636 | 741 | 756 |
| Avalon (B) | 715 | 580 | 745 | 740 |
| KWS Jessie (B) | 612 | 688 | 671 | 796 |
| Leandra (B) | 678 | 588 | 741 | 724 |
| Quench (B) | 678 | 680 | 663 | 776 |
| RGT Planet (B) | 848 | 676 | 907 | 664 |
| Prospect | | 696 | | 780 |
| Solist | 796 | | 730 | |
| Ellinor | | 728 | | 700 |
| Klarinette | | 656 | | 760 |
| Laureate | | 716 | | 800 |
| **Mittelwert** | **723** | **662** | **737** | **744** |
| **Minimum** | **612** | **580** | **663** | **664** |
| **Maximum** | **848** | **728** | **907** | **800** |
| **Mittel (B)** | **714** | **644** | **738** | **736** |

### 4.7.22. Bestandesdichte relativ zum Mittel (B)

| Bestandesdichte relativ zum Mittel (B) | Intensität Stufe 1 = ohne Fungizid | | Intensität Stufe 2 = mit Fungizid | |
|---|---|---|---|---|
| | Bernburg | Beetzen-dorf | Bernburg | Beetzen-dorf |
| Accordine (B) | 99 | 99 | 93 | 102 |
| Amidala (B) | 108 | 103 | 102 | 93 |
| Applaus (B) | 98 | 99 | 100 | 103 |
| Avalon (B) | 100 | 90 | 101 | 101 |
| KWS Jessie (B) | 86 | 107 | 91 | 108 |
| Leandra (B) | 95 | 91 | 100 | 98 |
| Quench (B) | 95 | 106 | 90 | 105 |
| RGT Planet (B) | 119 | 105 | 123 | 90 |
| Prospect | | 108 | | 106 |
| Solist | 111 | | 99 | |
| Ellinor | | 113 | | 95 |
| Klarinette | | 102 | | 103 |
| Laureate | | 111 | | 109 |
| **Mittel (B)** | **714** | **644** | **738** | **736** |

### 4.7.23. Pflanzenlänge in cm

| Pflanzenlänge in cm | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 83 | 63 | 76 | 84 | 63 | 82 |
| Amidala (B) | 81 | 62 | 76 | 78 | 64 | 80 |
| Applaus (B) | 78 | 57 | 73 | 78 | 57 | 76 |
| Avalon (B) | 80 | 64 | 69 | 81 | 63 | 77 |
| KWS Jessie (B) | 78 | 54 | 71 | 76 | 57 | 70 |
| Leandra (B) | 77 | 57 | 69 | 75 | 56 | 64 |
| Quench (B) | 77 | 60 | 76 | 78 | 60 | 75 |
| RGT Planet (B) | 82 | 64 | 77 | 82 | 63 | 78 |
| Prospect | 77 | | 70 | 78 | | 75 |
| Solist | 78 | 60 | | 79 | 61 | |
| Ellinor | | | 78 | | | 75 |
| Klarinette | | | 70 | | | 77 |
| Laureate | | | 72 | | | 72 |
| **Mittelwert** | **79** | **60** | **73** | **79** | **60** | **75** |
| **Minimum** | **77** | **54** | **69** | **75** | **56** | **64** |
| **Maximum** | **83** | **64** | **78** | **84** | **64** | **82** |
| **Mittel (B)** | **79** | **60** | **73** | **79** | **60** | **75** |

### 4.7.24. Pflanzenlänge relativ zum Mittel (B)

| Pflanzenlänge relativ zum Mittel (B) | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 104 | 104 | 104 | 107 | 105 | 109 |
| Amidala (B) | 102 | 103 | 103 | 98 | 106 | 106 |
| Applaus (B) | 98 | 95 | 100 | 99 | 94 | 101 |
| Avalon (B) | 100 | 107 | 94 | 102 | 105 | 102 |
| KWS Jessie (B) | 98 | 90 | 97 | 97 | 95 | 93 |
| Leandra (B) | 97 | 94 | 94 | 95 | 93 | 85 |
| Quench (B) | 97 | 100 | 104 | 99 | 99 | 100 |
| RGT Planet (B) | 103 | 106 | 105 | 103 | 105 | 104 |
| Prospect | 97 | | 96 | 98 | | 99 |
| Solist | 98 | 100 | | 100 | 101 | |
| Ellinor | | | 106 | | | 99 |
| Klarinette | | | 96 | | | 103 |
| Laureate | | | 98 | | | 96 |
| **Mittel (B)** | **79** | **60** | **73** | **79** | **60** | **75** |

### 4.7.25. Differenz Intensität Stufe 2 minus Stufe 1 für Bestandesdichte und Pflanzenlänge

| Differenz Intensität Stufe 2 minus Stufe 1 | Bestandesdichte Ähren/m² | | Pflanzenlänge in cm | | |
|---|---|---|---|---|---|
| | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | -22 | 112 | 2 | 1 | 6 |
| Amidala (B) | -22 | 20 | -4 | 2 | 4 |
| Applaus (B) | 38 | 120 | 1 | -1 | 3 |
| Avalon (B) | 30 | 160 | 1 | -1 | 8 |
| KWS Jessie (B) | 59 | 108 | -2 | 3 | -1 |
| Leandra (B) | 63 | 136 | -3 | -1 | -5 |
| Quench (B) | -15 | 96 | 2 | -1 | -1 |
| RGT Planet (B) | 59 | -12 | 0 | -1 | 1 |
| Prospect | | 84 | 1 | | 5 |
| Solist | -67 | | 2 | 1 | |
| Ellinor | | -28 | | | -3 |
| Klarinette | | 104 | | | 7 |
| Laureate | | 84 | | | 1 |
| **Mittelwert** | **14** | **82** | **0** | **0** | **2** |
| **Minimum** | **-67** | **-28** | **-4** | **-1** | **-5** |
| **Maximum** | **63** | **160** | **2** | **3** | **8** |
| **Mittel (B)** | **24** | **93** | **0** | **0** | **2** |

### 4.7.26. Kornertrag bei 86% TS in dt/ha

| Kornertrag bei 86% TS in dt/ha | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 69,5 | 52,6 | 30,9 | 74,8 | 57,0 | 47,1 |
| Amidala (B) | 70,8 | 55,7 | 43,2 | 72,4 | 56,9 | 52,9 |
| Applaus (B) | 77,6 | 57,5 | 44,0 | 80,9 | 59,7 | 48,1 |
| Avalon (B) | 69,4 | 52,1 | 38,7 | 73,6 | 54,3 | 50,0 |
| KWS Jessie (B) | 75,7 | 57,7 | 43,8 | 85,0 | 61,2 | 48,9 |
| Leandra (B) | 70,8 | 54,6 | 38,3 | 75,4 | 55,8 | 45,3 |
| Quench (B) | 69,7 | 53,6 | 42,4 | 74,3 | 56,9 | 51,4 |
| RGT Planet (B) | 81,9 | 57,5 | 44,3 | 81,9 | 60,5 | 50,4 |
| Prospect | 71,4 | | 41,4 | 79,7 | | 48,7 |
| Solist | 71,2 | 54,5 | | 75,3 | 56,1 | |
| Ellinor | | | 49,5 | | | 52,1 |
| Klarinette | | | 48,6 | | | 52,3 |
| Laureate | | | 44,4 | | | 48,7 |
| **Mittelwert** | **72,8** | **55,1** | **42,5** | **77,3** | **57,6** | **49,7** |
| **GD t-Test 5%** | **9,3** | **4,0** | **7,9** | **9,3** | **4,0** | **7,9** |
| **Minimum** | **69,4** | **52,1** | **30,9** | **72,4** | **54,3** | **45,3** |
| **Maximum** | **81,9** | **57,7** | **49,5** | **85,0** | **61,2** | **52,9** |
| **Mittel (B)** | **73,2** | **55,2** | **40,7** | **77,3** | **57,8** | **49,3** |

### 4.7.27. Differenz Intensität Stufe 2 minus Stufe 1 für Kornertrag bei 86% TS

| Differenz Intensität Stufe 2 minus Stufe 1 | Kornertrag bei 86% TS in dt/ha | | |
|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 5,3 | 4,4 | 16,2 |
| Amidala (B) | 1,6 | 1,2 | 9,7 |
| Applaus (B) | 3,2 | 2,1 | 4,1 |
| Avalon (B) | 4,2 | 2,2 | 11,3 |
| KWS Jessie (B) | 9,3 | 3,5 | 5,1 |
| Leandra (B) | 4,7 | 1,1 | 7,0 |
| Quench (B) | 4,6 | 3,3 | 9,0 |
| RGT Planet (B) | 0,0 | 3,0 | 6,1 |
| Prospect | 8,3 | | 7,3 |
| Solist | 4,1 | 1,6 | |
| Ellinor | | | 2,6 |
| Klarinette | | | 3,7 |
| Laureate | | | 4,3 |
| **Mittelwert** | **4,5** | **2,5** | **7,2** |
| **Minimum** | **0,0** | **1,1** | **2,6** |
| **Maximum** | **9,3** | **4,4** | **16,2** |
| **Mittel (B)** | **4,1** | **2,6** | **8,6** |

### 4.7.28. Kornertrag bei 86% TS relativ zum Mittel (B)

| Kornertrag bei 86% TS relativ zum Mittel (B) | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 95 | 95 | 76 | 97 | 99 | 96 |
| Amidala (B) | 97 | 101 | 106 | 94 | 99 | 107 |
| Applaus (B) | 106 | 104 | 108 | 105 | 103 | 98 |
| Avalon (B) | 95 | 94 | 95 | 95 | 94 | 102 |
| KWS Jessie (B) | 104 | 105 | 108 | 110 | 106 | 99 |
| Leandra (B) | 97 | 99 | 94 | 98 | 97 | 92 |
| Quench (B) | 95 | 97 | 104 | 96 | 99 | 104 |
| RGT Planet (B) | 112 | 104 | 109 | 106 | 105 | 102 |
| Prospect | 98 | | 102 | 103 | | 99 |
| Solist | 97 | 99 | | 97 | 97 | |
| Ellinor | | | 122 | | | 106 |
| Klarinette | | | 119 | | | 106 |
| Laureate | | | 109 | | | 99 |
| **Mittel (B)** | **73,2** | **55,2** | **40,7** | **77,3** | **57,8** | **49,3** |

### 4.7.29. Einzelährenertrag bei 86% TS in g

| Einzelährenertrag bei 86% TS in g | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 1,0 | 0,8 | 0,5 | 1,0 | 0,9 | 0,7 |
| Amidala (B) | 1,0 | 0,8 | 0,7 | 1,1 | 0,8 | 0,8 |
| Applaus (B) | 0,9 | 0,8 | 0,7 | 0,8 | 0,8 | 0,7 |
| Avalon (B) | 1,0 | 0,8 | 0,7 | 1,0 | 0,8 | 0,7 |
| KWS Jessie (B) | 1,1 | 1,0 | 0,7 | 0,9 | 0,9 | 0,6 |
| Leandra (B) | 0,8 | 0,8 | 0,7 | 1,1 | 0,8 | 0,7 |
| Quench (B) | 0,9 | 0,8 | 0,6 | 0,8 | 0,9 | 0,7 |
| RGT Planet (B) | 1,1 | 0,7 | 0,7 | 1,0 | 0,7 | 0,8 |
| Prospect | 1,0 | | 0,6 | 1,1 | | 0,7 |
| Solist | 0,8 | 0,7 | | 0,9 | 0,8 | |
| Ellinor | | | 0,7 | | | 0,8 |
| Klarinette | | | 0,8 | | | 0,7 |
| Laureate | | | 0,7 | | | 0,6 |
| **Mittelwert** | **0,9** | **0,8** | **0,6** | **0,9** | **0,8** | **0,7** |
| **Minimum** | **0,8** | **0,7** | **0,5** | **0,8** | **0,7** | **0,6** |
| **Maximum** | **1,1** | **1,0** | **0,8** | **1,1** | **0,9** | **0,8** |
| **Mittel (B)** | **1,0** | **0,8** | **0,6** | **0,9** | **0,8** | **0,7** |

### 4.7.30. Anteil Körner > 2,2 mm in %

| Anteil Körner > 2,2 mm in % | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 99,9 | 99,7 | 99,0 | 99,9 | 99,3 | 99,3 |
| Amidala (B) | 100,0 | 99,4 | 99,2 | 100,0 | 99,4 | 99,1 |
| Applaus (B) | 99,9 | 99,2 | 98,8 | 99,9 | 98,4 | 99,2 |
| Avalon (B) | 99,9 | 99,6 | 99,0 | 99,9 | 99,7 | 99,5 |
| KWS Jessie (B) | 99,9 | 99,1 | 99,0 | 99,9 | 99,5 | 99,1 |
| Leandra (B) | 99,9 | 99,6 | 98,8 | 99,9 | 99,2 | 99,3 |
| Quench (B) | 99,9 | 99,3 | 99,2 | 100,0 | 99,4 | 99,5 |
| RGT Planet (B) | 99,7 | 98,9 | 99,3 | 99,9 | 99,1 | 99,5 |
| Prospect | 99,8 | | 98,6 | 99,8 | | 99,8 |
| Solist | 99,8 | 99,2 | | 99,8 | 98,7 | |
| Ellinor | | | 99,0 | | | 98,8 |
| Klarinette | | | 99,1 | | | 99,2 |
| Laureate | | | 99,4 | | | 98,4 |
| **Mittelwert** | **99,9** | **99,3** | **99,0** | **99,9** | **99,2** | **99,2** |
| **Minimum** | **99,7** | **98,9** | **98,6** | **99,8** | **98,4** | **98,4** |
| **Maximum** | **100,0** | **99,7** | **99,4** | **100,0** | **99,7** | **99,8** |
| **Mittel (B)** | **99,9** | **99,4** | **99,0** | **99,9** | **99,3** | **99,3** |

### 4.7.31. Anteil Körner > 2,5 mm in %

| Anteil Körner > 2,5 mm in % | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 98,9 | 96,9 | 95,6 | 99,1 | 95,9 | 95,4 |
| Amidala (B) | 99,3 | 96,9 | 96,5 | 99,4 | 96,5 | 97,2 |
| Applaus (B) | 98,5 | 95,2 | 93,5 | 98,9 | 92,7 | 95,3 |
| Avalon (B) | 98,9 | 97,4 | 95,7 | 99,3 | 97,4 | 97,4 |
| KWS Jessie (B) | 99,2 | 95,0 | 94,8 | 99,4 | 97,0 | 96,0 |
| Leandra (B) | 98,9 | 95,3 | 94,7 | 99,3 | 95,2 | 96,1 |
| Quench (B) | 98,2 | 94,3 | 95,6 | 98,7 | 95,2 | 97,1 |
| RGT Planet (B) | 98,6 | 93,4 | 96,5 | 99,4 | 95,4 | 97,4 |
| Prospect | 98,6 | | 94,1 | 98,7 | | 95,1 |
| Solist | 98,8 | 95,2 | | 99,3 | 94,5 | |
| Ellinor | | | 94,7 | | | 95,5 |
| Klarinette | | | 94,5 | | | 96,6 |
| Laureate | | | 96,0 | | | 95,3 |
| **Mittelwert** | **98,8** | **95,5** | **95,2** | **99,2** | **95,5** | **96,2** |
| **Minimum** | **98,2** | **93,4** | **93,5** | **98,7** | **92,7** | **95,1** |
| **Maximum** | **99,3** | **97,4** | **96,5** | **99,4** | **97,4** | **97,4** |
| **Mittel (B)** | **98,8** | **95,6** | **95,4** | **99,2** | **95,7** | **96,5** |

### 4.7.32. Anteil Körner > 2,8 mm in %

| Anteil Körner > 2,8 mm in % | Intensität Stufe 1 = ohne | | | Intensität Stufe 2 = mit | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 85,7 | 80,4 | 79,3 | 87,6 | 77,0 | 77,2 |
| Amidala (B) | 92,1 | 84,6 | 84,5 | 91,4 | 83,7 | 85,0 |
| Applaus (B) | 87,6 | 74,0 | 71,8 | 87,6 | 68,5 | 75,9 |
| Avalon (B) | 93,4 | 84,7 | 84,6 | 93,9 | 84,0 | 87,2 |
| KWS Jessie (B) | 90,2 | 75,5 | 77,5 | 91,4 | 82,5 | 81,6 |
| Leandra (B) | 89,7 | 77,0 | 78,2 | 90,3 | 80,3 | 83,3 |
| Quench (B) | 85,0 | 68,9 | 75,9 | 85,8 | 73,6 | 79,2 |
| RGT Planet (B) | 86,8 | 68,1 | 81,8 | 89,0 | 76,2 | 85,2 |
| Prospect | 90,8 | | 78,9 | 90,2 | | 79,8 |
| Solist | 91,6 | 72,4 | | 92,3 | 76,3 | |
| Ellinor | | | 74,3 | | | 76,2 |
| Klarinette | | | 72,1 | | | 80,8 |
| Laureate | | | 82,3 | | | 83,2 |
| **Mittelwert** | **89,3** | **76,2** | **78,4** | **90,0** | **78,0** | **81,2** |
| **Minimum** | **85,0** | **68,1** | **71,8** | **85,8** | **68,5** | **75,9** |
| **Maximum** | **93,4** | **84,7** | **84,6** | **93,9** | **84,0** | **87,2** |
| **Mittel (B)** | **88,8** | **76,7** | **79,2** | **89,6** | **78,2** | **81,8** |

### 4.7.33. Ertrag Körner > 2,2 mm in dt/ha

| Ertrag Körner > 2,2 mm in dt/ha | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 69,4 | 52,4 | 30,6 | 74,8 | 56,6 | 46,7 |
| Amidala (B) | 70,8 | 55,4 | 42,8 | 72,4 | 56,6 | 52,4 |
| Applaus (B) | 77,6 | 57,1 | 43,5 | 80,8 | 58,7 | 47,7 |
| Avalon (B) | 69,3 | 51,9 | 38,3 | 73,5 | 54,2 | 49,8 |
| KWS Jessie (B) | 75,6 | 57,2 | 43,3 | 84,9 | 60,8 | 48,5 |
| Leandra (B) | 70,7 | 54,4 | 37,8 | 75,4 | 55,3 | 45,0 |
| Quench (B) | 69,6 | 53,3 | 42,1 | 74,3 | 56,6 | 51,2 |
| RGT Planet (B) | 81,7 | 56,9 | 44,0 | 81,8 | 60,0 | 50,1 |
| Prospect | 71,3 | | 40,8 | 79,5 | | 48,6 |
| Solist | 71,1 | 54,0 | | 75,1 | 55,4 | |
| Ellinor | | | 49,0 | | | 51,5 |
| Klarinette | | | 48,1 | | | 51,9 |
| Laureate | | | 44,1 | | | 47,9 |
| **Mittelwert** | **72,7** | **54,7** | **42,0** | **77,3** | **57,1** | **49,3** |
| **Minimum** | **69,3** | **51,9** | **30,6** | **72,4** | **54,2** | **45,0** |
| **Maximum** | **81,7** | **57,2** | **49,0** | **84,9** | **60,8** | **52,4** |
| **Mittel (B)** | **73,1** | **54,8** | **40,3** | **77,2** | **57,3** | **48,9** |

### 4.7.34. Ertrag Körner > 2,2 mm relativ zum Mittel (B)

| Ertrag Körner > 2,2 mm relativ zum Mittel (B) | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 95 | 96 | 76 | 97 | 99 | 96 |
| Amidala (B) | 97 | 101 | 106 | 94 | 99 | 107 |
| Applaus (B) | 106 | 104 | 108 | 105 | 102 | 98 |
| Avalon (B) | 95 | 95 | 95 | 95 | 94 | 102 |
| KWS Jessie (B) | 104 | 104 | 108 | 110 | 106 | 99 |
| Leandra (B) | 97 | 99 | 94 | 98 | 97 | 92 |
| Quench (B) | 95 | 97 | 104 | 96 | 99 | 105 |
| RGT Planet (B) | 112 | 104 | 109 | 106 | 105 | 103 |
| Prospect | 98 | | 101 | 103 | | 99 |
| Solist | 97 | 99 | | 97 | 97 | |
| Ellinor | | | 122 | | | 105 |
| Klarinette | | | 119 | | | 106 |
| Laureate | | | 110 | | | 98 |
| **Mittel (B)** | **73,1** | **54,8** | **40,3** | **77,2** | **57,3** | **48,9** |

### 4.7.35. Ertrag Körner > 2,5 mm in dt/ha

| Ertrag Körner > 2,5 mm in dt/ha | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 68,7 | 51,0 | 29,5 | 74,2 | 54,6 | 44,9 |
| Amidala (B) | 70,3 | 54,0 | 41,7 | 72,0 | 54,9 | 51,4 |
| Applaus (B) | 76,5 | 54,8 | 41,1 | 80,0 | 55,3 | 45,8 |
| Avalon (B) | 68,6 | 50,7 | 37,0 | 73,1 | 52,9 | 48,7 |
| KWS Jessie (B) | 75,1 | 54,8 | 41,5 | 84,5 | 59,3 | 47,0 |
| Leandra (B) | 70,0 | 52,1 | 36,3 | 74,9 | 53,1 | 43,6 |
| Quench (B) | 68,4 | 50,6 | 40,5 | 73,3 | 54,2 | 49,9 |
| RGT Planet (B) | 80,8 | 53,7 | 42,8 | 81,4 | 57,7 | 49,1 |
| Prospect | 70,4 | | 39,0 | 78,6 | | 46,3 |
| Solist | 70,3 | 51,9 | | 74,8 | 53,0 | |
| Ellinor | | | 46,9 | | | 49,8 |
| Klarinette | | | 45,9 | | | 50,5 |
| Laureate | | | 42,6 | | | 46,4 |
| **Mittelwert** | **71,9** | **52,6** | **40,4** | **76,7** | **55,0** | **47,8** |
| **Minimum** | **68,4** | **50,6** | **29,5** | **72,0** | **52,9** | **43,6** |
| **Maximum** | **80,8** | **54,8** | **46,9** | **84,5** | **59,3** | **51,4** |
| **Mittel (B)** | **72,3** | **52,7** | **38,8** | **76,7** | **55,3** | **47,6** |

### 4.7.36. Ertrag Körner > 2,5 mm relativ zum Mittel (B)

| Ertrag Körner > 2,5 mm relativ zum Mittel (B) | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 95 | 97 | 76 | 97 | 99 | 94 |
| Amidala (B) | 97 | 103 | 107 | 94 | 99 | 108 |
| Applaus (B) | 106 | 104 | 106 | 104 | 100 | 96 |
| Avalon (B) | 95 | 96 | 95 | 95 | 96 | 103 |
| KWS Jessie (B) | 104 | 104 | 107 | 110 | 107 | 99 |
| Leandra (B) | 97 | 99 | 94 | 98 | 96 | 92 |
| Quench (B) | 95 | 96 | 105 | 96 | 98 | 105 |
| RGT Planet (B) | 112 | 102 | 110 | 106 | 104 | 103 |
| Prospect | 97 | | 101 | 103 | | 97 |
| Solist | 97 | 98 | | 98 | 96 | |
| Ellinor | | | 121 | | | 105 |
| Klarinette | | | 118 | | | 106 |
| Laureate | | | 110 | | | 98 |
| **Mittel (B)** | **72,3** | **52,7** | **38,8** | **76,7** | **55,3** | **47,6** |

### 4.7.37. Differenz Intensität Stufe 2 minus Stufe 1 für Ertrag Körner > 2,2 mm und Ertrag Körner > 2,5 mm

| Differenz Intensität Stufe 2 minus Stufe 1 | Ertrag Körner > 2,2 mm in dt/ha | | | Ertrag Körner > 2,5 mm in dt/ha | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 5,3 | 4,1 | 16,2 | 5,4 | 3,7 | 15,4 |
| Amidala (B) | 1,6 | 1,2 | 9,6 | 1,7 | 0,9 | 9,7 |
| Applaus (B) | 3,2 | 1,6 | 4,3 | 3,5 | 0,5 | 4,7 |
| Avalon (B) | 4,2 | 2,3 | 11,5 | 4,4 | 2,2 | 11,7 |
| KWS Jessie (B) | 9,3 | 3,7 | 5,1 | 9,4 | 4,5 | 5,5 |
| Leandra (B) | 4,7 | 0,9 | 7,2 | 4,9 | 1,0 | 7,3 |
| Quench (B) | 4,7 | 3,3 | 9,1 | 4,9 | 3,6 | 9,4 |
| RGT Planet (B) | 0,2 | 3,1 | 6,1 | 0,6 | 4,0 | 6,3 |
| Prospect | 8,2 | | 7,7 | 8,2 | | 7,3 |
| Solist | 4,1 | 1,3 | | 4,4 | 1,1 | |
| Ellinor | | | 2,5 | | | 2,9 |
| Klarinette | | | 3,7 | | | 4,6 |
| Laureate | | | 3,8 | | | 3,8 |
| **Mittelwert** | **4,5** | **2,4** | **7,2** | **4,8** | **2,4** | **7,4** |
| **Minimum** | **0,2** | **0,9** | **2,5** | **0,6** | **0,5** | **2,9** |
| **Maximum** | **9,3** | **4,1** | **16,2** | **9,4** | **4,5** | **15,4** |
| **Mittel (B)** | **4,1** | **2,5** | **8,6** | **4,4** | **2,6** | **8,7** |

### 4.7.38. Rohproteingehalt in %

| Rohproteingehalt in % | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 14,1 | 13,4 | 12,8 | 14,0 | 13,4 | 12,6 |
| Amidala (B) | 14,0 | 12,3 | 12,0 | 13,8 | 12,4 | 12,0 |
| Applaus (B) | 12,6 | 11,9 | 11,4 | 12,5 | 12,2 | 11,7 |
| Avalon (B) | 14,2 | 13,4 | 12,7 | 14,0 | 13,3 | 12,2 |
| KWS Jessie (B) | 13,1 | 12,2 | 11,2 | 13,0 | 12,7 | 11,7 |
| Leandra (B) | 13,7 | 13,1 | 12,7 | 13,7 | 13,3 | 12,9 |
| Quench (B) | 12,8 | 13,6 | 11,7 | 13,5 | 13,3 | 11,7 |
| RGT Planet (B) | 13,3 | 12,3 | 11,5 | 13,1 | 12,6 | 12,0 |
| Prospect | 13,1 | | 11,7 | 13,3 | | 12,0 |
| Solist | 13,8 | 13,2 | | 14,1 | 13,2 | |
| Ellinor | | | 11,5 | | | 11,8 |
| Klarinette | | | 11,7 | | | 12,5 |
| Laureate | | | 11,8 | | | 12,0 |
| **Mittelwert** | **13,5** | **12,8** | **11,9** | **13,5** | **12,9** | **12,1** |
| **Minimum** | **12,6** | **11,9** | **11,2** | **12,5** | **12,2** | **11,7** |
| **Maximum** | **14,2** | **13,6** | **12,8** | **14,1** | **13,4** | **12,9** |
| **Mittel (B)** | **13,5** | **12,8** | **12,0** | **13,5** | **12,9** | **12,1** |

### 4.7.39. Rohproteinertrag in dt/ha

| Rohproteinertrag in dt/ha | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 8,5 | 6,1 | 3,4 | 9,1 | 6,6 | 5,1 |
| Amidala (B) | 8,6 | 5,9 | 4,5 | 8,6 | 6,1 | 5,5 |
| Applaus (B) | 8,4 | 5,9 | 4,3 | 8,7 | 6,3 | 4,9 |
| Avalon (B) | 8,5 | 6,0 | 4,3 | 8,9 | 6,2 | 5,3 |
| KWS Jessie (B) | 8,6 | 6,1 | 4,2 | 9,5 | 6,7 | 5,0 |
| Leandra (B) | 8,4 | 6,2 | 4,2 | 8,9 | 6,4 | 5,1 |
| Quench (B) | 7,7 | 6,3 | 4,3 | 8,6 | 6,5 | 5,2 |
| RGT Planet (B) | 9,4 | 6,1 | 4,4 | 9,2 | 6,6 | 5,2 |
| Prospect | 8,1 | | 4,2 | 9,1 | | 5,1 |
| Solist | 8,5 | 6,2 | | 9,2 | 6,4 | |
| Ellinor | | | 4,9 | | | 5,3 |
| Klarinette | | | 4,9 | | | 5,6 |
| Laureate | | | 4,5 | | | 5,0 |
| **Mittelwert** | **8,4** | **6,1** | **4,3** | **9,0** | **6,4** | **5,2** |
| **Minimum** | **7,7** | **5,9** | **3,4** | **8,6** | **6,1** | **4,9** |
| **Maximum** | **9,4** | **6,3** | **4,9** | **9,5** | **6,7** | **5,6** |
| **Mittel (B)** | **8,5** | **6,1** | **4,2** | **8,9** | **6,4** | **5,1** |

### 4.7.40. Rohproteinertrag relativ zum Mittel (B)

| Rohproteinertrag relativ zum Mittel (B) | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 100 | 101 | 81 | 101 | 102 | 100 |
| Amidala (B) | 101 | 97 | 108 | 96 | 95 | 106 |
| Applaus (B) | 99 | 97 | 103 | 98 | 98 | 95 |
| Avalon (B) | 100 | 99 | 102 | 99 | 97 | 102 |
| KWS Jessie (B) | 101 | 100 | 100 | 106 | 105 | 97 |
| Leandra (B) | 99 | 101 | 99 | 100 | 100 | 99 |
| Quench (B) | 90 | 104 | 102 | 96 | 101 | 101 |
| RGT Planet (B) | 110 | 101 | 105 | 103 | 103 | 102 |
| Prospect | 95 | | 100 | 102 | | 99 |
| Solist | 100 | 102 | | 103 | 100 | |
| Ellinor | | | 117 | | | 102 |
| Klarinette | | | 117 | | | 109 |
| Laureate | | | 108 | | | 98 |
| **Mittel (B)** | **8,5** | **6,1** | **4,2** | **8,9** | **6,4** | **5,1** |

### 4.7.41. Hektolitergewicht

| Hektolitergewicht | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 70,4 | 62,9 | 64,6 | 70,9 | 63,3 | 64,6 |
| Amidala (B) | 70,4 | 63,5 | 65,4 | 70,7 | 64,6 | 64,8 |
| Applaus (B) | 69,0 | 63,3 | 64,1 | 70,0 | 62,9 | 64,4 |
| Avalon (B) | 70,7 | 64,8 | 65,0 | 70,4 | 64,1 | 65,4 |
| KWS Jessie (B) | 69,0 | 62,5 | 64,4 | 69,4 | 63,9 | 64,6 |
| Leandra (B) | 67,7 | 59,9 | 62,7 | 68,3 | 58,9 | 61,8 |
| Quench (B) | 70,2 | 65,8 | 68,6 | 70,2 | 66,0 | 68,1 |
| RGT Planet (B) | 68,8 | 63,1 | 65,6 | 70,4 | 63,7 | 66,0 |
| Prospect | 69,8 | | 65,6 | 70,2 | | 65,0 |
| Solist | 69,8 | 61,4 | | 71,3 | 61,0 | |
| Ellinor | | | 65,4 | | | 64,8 |
| Klarinette | | | 66,7 | | | 66,7 |
| Laureate | | | 63,5 | | | 62,3 |
| **Mittelwert** | **69,6** | **63,0** | **65,1** | **70,2** | **63,2** | **64,9** |
| **Minimum** | **67,7** | **59,9** | **62,7** | **68,3** | **58,9** | **61,8** |
| **Maximum** | **70,7** | **65,8** | **68,6** | **71,3** | **66,0** | **68,1** |
| **Mittel (B)** | **69,5** | **63,2** | **65,1** | **70,0** | **63,4** | **65,0** |

### 4.7.42. TKM bei 86% TS in g

| TKM bei 86% TS in g | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 51,7 | 52,2 | 47,5 | 52,5 | 52,9 | 47,6 |
| Amidala (B) | 56,1 | 54,8 | 50,6 | 56,6 | 55,9 | 57,2 |
| Applaus (B) | 54,3 | 51,2 | 46,0 | 54,4 | 49,6 | 53,2 |
| Avalon (B) | 53,6 | 51,4 | 49,8 | 53,7 | 52,9 | 51,5 |
| KWS Jessie (B) | 53,0 | 49,8 | 45,3 | 55,0 | 51,5 | 49,0 |
| Leandra (B) | 54,6 | 53,7 | 50,7 | 54,7 | 54,6 | 54,0 |
| Quench (B) | 49,7 | 49,6 | 44,9 | 49,9 | 49,1 | 47,6 |
| RGT Planet (B) | 53,6 | 50,2 | 49,5 | 54,0 | 50,4 | 48,5 |
| Prospect | 50,0 | | 47,3 | 51,0 | | 49,5 |
| Solist | 51,7 | 46,8 | | 50,7 | 50,1 | |
| Ellinor | | | 47,6 | | | 53,7 |
| Klarinette | | | 46,4 | | | 51,5 |
| Laureate | | | 49,9 | | | 53,2 |
| **Mittelwert** | **52,8** | **51,1** | **48,0** | **53,3** | **51,9** | **51,4** |
| **Minimum** | **49,7** | **46,8** | **44,9** | **49,9** | **49,1** | **47,6** |
| **Maximum** | **56,1** | **54,8** | **50,7** | **56,6** | **55,9** | **57,2** |
| **Mittel (B)** | **53,3** | **51,6** | **48,0** | **53,9** | **52,1** | **51,1** |

### 4.7.43. Kornzahl/Ähre

| Kornzahl/Ähre | Intensität Stufe 1 = ohne Fungizid | | | Intensität Stufe 2 = mit Fungizid | | |
|---|---|---|---|---|---|---|
| | Walbeck | Bernburg | Beetzen-dorf | Walbeck | Bernburg | Beetzen-dorf |
| Accordine (B) | 19,4 | 14,3 | 10,3 | 18,8 | 15,9 | 13,2 |
| Amidala (B) | 17,0 | 13,2 | 13,1 | 18,8 | 13,6 | 13,5 |
| Applaus (B) | 17,1 | 16,0 | 15,1 | 15,1 | 16,3 | 11,9 |
| Avalon (B) | 18,8 | 14,3 | 13,4 | 17,4 | 13,8 | 13,1 |
| KWS Jessie (B) | 19,1 | 19,0 | 14,2 | 16,1 | 17,9 | 12,6 |
| Leandra (B) | 14,6 | 15,0 | 12,9 | 19,3 | 13,9 | 11,5 |
| Quench (B) | 17,5 | 16,0 | 14,0 | 16,0 | 17,5 | 13,9 |
| RGT Planet (B) | 19,5 | 13,5 | 13,3 | 17,8 | 13,3 | 15,6 |
| Prospect | 19,9 | | 12,7 | 20,0 | | 12,6 |
| Solist | 15,0 | 14,6 | | 17,4 | 15,4 | |
| Ellinor | | | 14,3 | | | 13,9 |
| Klarinette | | | 16,1 | | | 13,4 |
| Laureate | | | 12,7 | | | 11,4 |
| **Mittelwert** | **17,8** | **15,1** | **13,5** | **17,6** | **15,3** | **13,0** |
| **Minimum** | **14,6** | **13,2** | **10,3** | **15,1** | **13,3** | **11,4** |
| **Maximum** | **19,9** | **19,0** | **16,1** | **20,0** | **17,9** | **15,6** |
| **Mittel (B)** | **17,9** | **15,2** | **13,3** | **17,4** | **15,2** | **13,2** |