

Standortübersicht 2024

| Standort | Serie | Anzahl PGL | Anzahl WH | m.ü.M. | Sädatum | Ernte | Vegetationsdauer | Ablage-Distanz (cm) | Vorfrucht | pH | org. Subst | Ton | Schluff |
|------------|-------|------------|-----------|--------|------------|------------|------------------|---------------------|------------|-----|------------|-----|---------|
| Weiach | 101 | 30 | 3 | 390 | 08.04.2024 | | | 9.5 | Mais | 6.9 | 2.4 | 24 | 34 |
| Frauenfeld | 101 | 30 | 3 | 395 | 08.04.2024 | 11.10.2024 | 187 | 9.5 | Mais | 7.2 | 4 | 31 | 31 |
| Pfyn | 101 | 30 | 3 | 411 | 14.04.2024 | 08.10.2024 | 184 | 9.5 | Winterraps | 7.2 | 4.5 | 11 | 31 |
| Rickenbach | 101 | 30 | 3 | 425 | 14.04.2024 | | | 9.5 | Mais | 7.5 | 3.5 | 21 | 21 |
| Ossingen | 101 | 30 | 3 | 416 | 08.04.2024 | 12.10.2024 | 188 | 9.5 | Mais | 8.1 | 4.3 | 20 | 45 |

Sortenversuch (RSV - 101) - Mittelwert 2024 (rel.)

| Sorte / Variété | RE / Rdt racines | ZG / Taux sucre | BZE / Rdt sucre | Ausbeute / Extractibilité | BGE 24 / Produit brut 24 |
|--------------------------|-------------------------|------------------------|------------------------|----------------------------------|---------------------------------|
| Noalina KWS | 100.6 | 101.8 | 103.5 | 101.0 | 101.9 |
| BTS2030 | 104.0 | 97.3 | 101.6 | 100.2 | 101.4 |
| Interessa KWS | 101.3 | 98.0 | 98.1 | 98.8 | 99.6 |
| Monteverdi | 94.0 | 102.9 | 96.8 | 100.0 | 97.1 |
| Antonica KWS | 95.7 | 100.3 | 95.5 | 99.2 | 97.0 |
| Michelangelo | 98.2 | 98.7 | 96.7 | 99.9 | 97.9 |
| Fitis | 96.5 | 98.1 | 95.1 | 100.4 | 96.5 |
| BTS8735 | 98.3 | 100.5 | 98.3 | 99.7 | 98.9 |
| Smart Manja KWS | 98.7 | 99.5 | 98.6 | 100.5 | 99.0 |
| Smart Arosa KWS | 96.9 | 99.7 | 97.5 | 101.1 | 97.9 |
| BTS Smart 4825 | 98.5 | 100.7 | 99.7 | 100.6 | 99.6 |
| Smart Beppina KWS | 100.2 | 95.3 | 93.3 | 97.7 | 96.2 |
| ST Gotthard | 95.3 | 100.1 | 95.3 | 99.8 | 96.8 |
| Ivonetta KWS | 95.9 | 99.4 | 94.5 | 99.3 | 96.6 |
| Verrechnungsmittel | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Prüfmittel | 97.2 | 99.6 | 96.8 | 100.0 | 97.6 |
| Gesamtmittel | 97.5 | 99.6 | 97.2 | 100.0 | 97.9 |
| GD 5% (multipler t-Test) | 6.6 | 2.5 | 7.1 | 0.7 | 4.9 |

Sortenversuch (RSV - 101) - Frauenfeld 2024 (rel.)

| <i>Sorte / Variété</i> | <i>RE / Rdt racines</i> | <i>ZG / Taux sucre</i> | <i>BZE / Rdt sucre</i> | <i>Ausbeute / Extractibilité</i> | <i>BGE 24 / Produit brut 24</i> |
|--------------------------|-------------------------|------------------------|------------------------|----------------------------------|---------------------------------|
| Novalina KWS | 101.0 | 101.0 | 103.0 | 100.8 | 102 |
| BTS2030 | 106.0 | 95.8 | 101.1 | 99.3 | 102 |
| Interessa KWS | 103.7 | 95.9 | 97.7 | 98.0 | 100 |
| Monteverdi | 93.0 | 103.2 | 96.0 | 99.9 | 96 |
| Antonica KWS | 95.5 | 99.5 | 94.4 | 99.2 | 97 |
| Michelangelo | 103.4 | 98.2 | 101.6 | 100.1 | 101 |
| Fitis | 99.1 | 96.3 | 95.6 | 100.0 | 97 |
| BTS8735 | 91.4 | 98.9 | 89.0 | 99.0 | 93 |
| Smart Manja KWS | 94.3 | 99.5 | 94.5 | 100.7 | 96 |
| Smart Arosa KWS | 94.5 | 98.0 | 93.1 | 100.7 | 95 |
| BTS Smart 4825 | 100.3 | 100.1 | 101.1 | 100.6 | 101 |
| Smart Beppina KWS | 98.6 | 94.9 | 91.3 | 97.5 | 95 |
| ST Gotthard | 91.7 | 98.8 | 90.0 | 99.2 | 94 |
| Ivonetta KWS | 93.4 | 98.8 | 90.9 | 98.7 | 95 |
| Verrechnungsmittel | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| Prüfmittel | 96.4 | 97.9 | 94.2 | 99.7 | 96 |
| Gesamtmittel | 96.8 | 98.1 | 94.8 | 99.7 | 97 |
| GD 5% (multipler t-Test) | 9.3 | 4.0 | 9.4 | 1.0 | 7 |

Sortenversuch (RSV - 101) - Pfyn 2024 (rel.)

| <i>Sorte / Variété</i> | <i>RE / Rdt racines</i> <i>ZG / Taux sucre</i> <i>BZE / Rdt sucre</i> | | | <i>Ausbeute / Extractibilité</i> | <i>BGE 24 / Produit brut 24</i> |
|--------------------------|---|-------|-------|----------------------------------|---------------------------------|
| Novalina KWS | 102.2 | 102.4 | 105.7 | 101.1 | 103 |
| BTS2030 | 98.6 | 97.1 | 96.2 | 100.4 | 98 |
| Interessa KWS | 102.8 | 98.4 | 100.0 | 98.9 | 101 |
| Monteverdi | 96.5 | 102.2 | 98.2 | 99.6 | 99 |
| Antonica KWS | 96.0 | 99.5 | 94.0 | 98.4 | 96 |
| Michelangelo | 103.6 | 99.0 | 102.2 | 99.4 | 102 |
| Fitis | 98.2 | 99.8 | 99.1 | 101.0 | 99 |
| BTS8735 | 103.9 | 99.8 | 103.2 | 99.6 | 102 |
| Smart Manja KWS | 100.3 | 100.3 | 101.1 | 100.5 | 101 |
| Smart Arosa KWS | 96.4 | 101.8 | 99.4 | 101.2 | 99 |
| BTS Smart 4825 | 103.6 | 101.8 | 106.0 | 100.5 | 104 |
| Smart Beppina KWS | 101.1 | 96.9 | 95.6 | 97.5 | 97 |
| ST Gotthard | 96.9 | 101.9 | 98.7 | 99.8 | 99 |
| Ivonetta KWS | 100.1 | 100.2 | 99.6 | 99.5 | 100 |
| Verrechnungsmittel | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| Prüfmittel | 99.4 | 100.8 | 100.2 | 99.9 | 100 |
| Gesamtmittel | 99.5 | 100.7 | 100.2 | 99.9 | 100 |
| GD 5% (multipler t-Test) | 9.2 | 3.3 | 10.6 | 1.0 | 7 |

Sortenversuch (RSV - 101) - Ossingen 2024 (rel.)

| Sorte / Variété | RE / Rdt racines ZG / Taux sucre BZE / Rdt sucre | | | Ausbeute / Extractibilité | BGE 24 / Produit brut 24 |
|--------------------------|--|-------|-------|---------------------------|--------------------------|
| | RE | ZG | BZE | | |
| Novalina KWS | 99.8 | 101.2 | 101.7 | 100.7 | 101 |
| BTS2030 | 108.0 | 97.9 | 106.2 | 100.4 | 105 |
| Interessa KWS | 98.5 | 98.8 | 96.3 | 98.9 | 98 |
| Monteverdi | 93.7 | 102.2 | 95.8 | 100.1 | 96 |
| Antonica KWS | 96.6 | 101.0 | 97.2 | 99.5 | 98 |
| Michelangelo | 88.9 | 97.8 | 86.8 | 99.7 | 91 |
| Fitis | 93.3 | 97.3 | 90.6 | 99.7 | 94 |
| BTS8735 | 101.0 | 101.7 | 102.7 | 100.0 | 102 |
| Smart Manja KWS | 102.5 | 97.8 | 100.0 | 99.8 | 101 |
| Smart Arosa KWS | 100.6 | 98.3 | 99.7 | 100.8 | 100 |
| BTS Smart 4825 | 93.0 | 99.2 | 92.3 | 100.2 | 95 |
| Smart Beppina KWS | 101.8 | 93.1 | 92.9 | 97.8 | 96 |
| ST Gotthard | 98.2 | 98.7 | 96.9 | 99.8 | 98 |
| Ivonetta KWS | 95.5 | 98.2 | 93.2 | 99.3 | 96 |
| Verrechnungsmittel | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| Prüfmittel | 97.0 | 99.0 | 96.0 | 99.9 | 97 |
| Gesamtmittel | 97.4 | 99.1 | 96.5 | 99.9 | 97 |
| GD 5% (multipler t-Test) | 10.0 | 4.8 | 11.6 | 1.1 | 8 |

Standorte/Lieux

| Standort | Serie | Anzahl PGL | Anzahl WH | m.ü.M. | Sädatum | Ernte | Vegetations- dauer | Ablage- Distanz (cm) | Vorfrucht | pH | org. Subst | Ton | Schluff |
|--------------|-------|---------------|--------------|--------|------------|------------|-----------------------|----------------------------|----------------|-----|------------|---------|---------|
| Kappelen | 300 | 24 | 3 | 445 | 06.04.2024 | 20.09.2024 | 168 | 11.2 cm | GD / Pflug | 7.9 | 2-4.9 % | 30-40 % | <50% |
| Müntschemier | 300 | 24 | 3 | 433 | 08.04.2024 | 16.09.2024 | 162 | 11.2 cm | GD / Krümmeler | 7.6 | 6.10% | 34% | 39% |
| Avenches | 300 | 24 | 3 | 480 | 01.04.2024 | 25.09.2024 | 177 | 11cm | Kartoffeln | 7.9 | 2.10% | 14% | 25% |
| Kiesen | 300 | 24 | 3 | 538 | 13.04.2024 | 19.09.2024 | 153 | 11.2 cm | GD / Pflug | 7.9 | 2-5 % | 15-20 % | <50% |
| Chavornay | 300 | 24 | 3 | 440 | 25.04.2024 | 04.10.2024 | 162 | 11cm | Gerste | 8 | 1.90% | 30% | 33% |

Sortenversuch (SBR - 300) - Mittelwert 2024 (rel.)

| Sorte / Variété | RE / Rdt racines | | | ZG / Taux sucre | | Ausbeute / Extractibilité | BGE / Produit brut |
|--------------------------|------------------|-------|-------|-----------------|-----|---------------------------|--------------------|
| | RE | ZG | BZE | ZG | BZE | | |
| Interessa KWS | 99.0 | 98.4 | 97.5 | 99.6 | 99 | | |
| Fitis | 100.4 | 102.5 | 102.7 | 100.5 | 101 | | |
| Michelangelo | 98.4 | 103.1 | 102.0 | 100.8 | 100 | | |
| Smart Manja KWS | 90.8 | 93.5 | 84.0 | 98.6 | 90 | | |
| Smart Arosa KWS | 84.9 | 97.5 | 82.9 | 99.7 | 88 | | |
| BTS Smart 4825 | 90.2 | 97.0 | 87.1 | 99.4 | 92 | | |
| Smart Beppina KWS | 93.0 | 96.0 | 87.0 | 97.8 | 91 | | |
| Antonica KWS | 102.8 | 102.5 | 104.9 | 99.8 | 103 | | |
| Novatessa KWS | 97.0 | 100.4 | 97.7 | 100.5 | 99 | | |
| ST Gotthard | 93.6 | 97.3 | 89.7 | 99.1 | 94 | | |
| BTS8735 | 97.8 | 99.3 | 97.3 | 99.9 | 98 | | |
| Verrechnungsmittel | 100.0 | 100.0 | 100.0 | 100.0 | 100 | | |
| Prüfmittel | 94.9 | 100.2 | 94.8 | 99.6 | 96 | | |
| Gesamtmittel | 95.7 | 100.2 | 95.7 | 99.6 | 97 | | |
| GD 5% (multipler t-Test) | 6.9 | 3.6 | 8.6 | 1.0 | 6 | | |

Sortenversuch (SBR - 300) - Kappelen 2024 (rel.)

| Sorte / Variété | RE / Rdt racines ZG / Taux sucre BZE / Rdt sucre | | | Ausbeute / Extractibilité BGE / Produit brut | |
|---------------------------|--|-------|-------|---|-----|
| | RE | ZG | BZE | Ausbeute | BGE |
| Interessa KWS | 98.6 | 98.9 | 97.2 | 99.7 | 99 |
| Fitis | 111.1 | 103.3 | 114.8 | 100.2 | 109 |
| Michelangelo | 93.4 | 103.8 | 97.7 | 100.9 | 97 |
| Smart Manja KWS | 85.6 | 93.6 | 78.9 | 98.4 | 87 |
| Smart Arosa KWS | 77.4 | 97.6 | 75.5 | 99.7 | 84 |
| BTS Smart 4825 | 81.4 | 96.1 | 77.3 | 99.0 | 85 |
| Smart Beppina KWS (2K377) | 83.9 | 100.2 | 82.8 | 98.9 | 89 |
| Antonica KWS | 104.3 | 102.3 | 106.3 | 99.7 | 104 |
| Novatessa KWS | 92.0 | 99.7 | 91.9 | 100.3 | 95 |
| ST Gotthard | 91.1 | 95.9 | 86.2 | 98.6 | 92 |
| BTS8735 (B2316) | 99.8 | 102.1 | 102.2 | 100.2 | 101 |
| Verrechnungsmittel | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| Prüfmittel | 95.2 | 100.7 | 95.6 | 99.5 | 97 |
| Gesamtmittel | 96.0 | 100.6 | 96.3 | 99.6 | 97 |
| GD 5% (multipler t-Test) | 9.8 | 3.9 | 10.6 | 1.0 | 7 |

Sortenversuch (SBR - 300) - Avenches 2024 (rel.)

| Sorte / Variété | RE / Rdt racines | | | ZG / Taux sucre | | Ausbeute / Extractibilité | BGE / Produit brut |
|--------------------------|------------------|-------|-------|-----------------|-----|---------------------------|--------------------|
| | RE | ZG | BZE | ZG | BZE | | |
| Interessa KWS | 99.4 | 100.7 | 100.2 | 100.1 | 100 | | |
| Fitis | 99.7 | 98.3 | 97.4 | 99.4 | 99 | | |
| Michelangelo | 96.4 | 103.1 | 100.2 | 100.8 | 98 | | |
| Smart Manja KWS | 93.8 | 95.3 | 89.4 | 100.0 | 93 | | |
| Smart Arosa KWS | 90.9 | 97.7 | 89.3 | 100.5 | 92 | | |
| BTS Smart 4825 | 91.8 | 98.9 | 91.2 | 100.4 | 94 | | |
| Smart Beppina KWS | 96.1 | 93.7 | 87.3 | 96.3 | 89 | | |
| Antonica KWS | 99.7 | 102.3 | 101.4 | 99.4 | 100 | | |
| Novatessa KWS | 98.6 | 99.4 | 98.8 | 100.8 | 99 | | |
| ST Gotthard | 92.0 | 92.8 | 84.4 | 99.0 | 90 | | |
| BTS8735 | 97.1 | 100.0 | 97.2 | 100.0 | 98 | | |
| Verrechnungsmittel | 100.0 | 100.0 | 100.0 | 100.0 | 100 | | |
| Prüfmittel | 94.6 | 100.0 | 94.4 | 99.5 | 95 | | |
| Gesamtmittel | 95.5 | 100.0 | 95.3 | 99.6 | 96 | | |
| GD 5% (multipler t-Test) | 7.4 | 2.7 | 6.7 | 1.0 | 5 | | |

Sortenversuch (SBR - 300) - Kiesen 2024 (rel.)

| Sorte / Variété | RE / Rdt racines | | | ZG / Taux sucre | | Ausbeute / Extractibilité | BGE / Produit brut |
|--------------------------|------------------|-------|-------|-----------------|-----|---------------------------|--------------------|
| | RE | ZG | BZE | ZG | BZE | | |
| Interessa KWS | 101.9 | 98.9 | 100.7 | 99.9 | 101 | | |
| Fitis | 91.3 | 101.3 | 92.9 | 100.5 | 95 | | |
| Michelangelo | 102.6 | 100.6 | 103.5 | 100.2 | 102 | | |
| Smart Manja KWS | 88.7 | 92.4 | 80.9 | 98.7 | 88 | | |
| Smart Arosa KWS | 83.7 | 98.3 | 82.4 | 99.5 | 88 | | |
| BTS Smart 4825 | 92.2 | 97.8 | 89.8 | 99.6 | 93 | | |
| Smart Beppina KWS | 93.8 | 98.2 | 91.0 | 98.8 | 94 | | |
| Antonica KWS | 99.8 | 103.1 | 102.9 | 100.1 | 101 | | |
| Novatessa KWS | 96.1 | 103.0 | 99.9 | 100.8 | 99 | | |
| ST Gotthard | 96.6 | 99.0 | 95.0 | 99.1 | 97 | | |
| BTS8735 | 95.0 | 99.1 | 94.2 | 100.0 | 96 | | |
| Verrechnungsmittel | 100.0 | 100.0 | 100.0 | 100.0 | 100 | | |
| Prüfmittel | 93.4 | 100.8 | 94.1 | 99.8 | 95 | | |
| Gesamtmittel | 94.5 | 100.7 | 95.1 | 99.9 | 96 | | |
| GD 5% (multipler t-Test) | 9.0 | 2.8 | 9.4 | 0.9 | 7 | | |

Sortenversuch (SBR - 300) - Chavornay 2024 (rel.)

| Sorte / Variété | RE / Rdt racines | | | ZG / Taux sucre | | Ausbeute / Extractibilité | BGE / Produit brut |
|--------------------------|------------------|-------|-------|-----------------|-----|---------------------------|--------------------|
| | RE | ZG | BZE | ZG | BZE | | |
| Interessa KWS | 95.1 | 94.8 | 89.0 | 98.9 | 94 | | |
| Fitis | 100.7 | 107.3 | 109.7 | 101.7 | 104 | | |
| Michelangelo | 102.5 | 104.8 | 108.7 | 101.3 | 106 | | |
| Smart Manja KWS | 94.4 | 92.8 | 85.0 | 97.3 | 91 | | |
| Smart Arosa KWS | 85.4 | 96.5 | 81.6 | 99.1 | 89 | | |
| BTS Smart 4825 | 95.1 | 95.0 | 88.8 | 98.4 | 94 | | |
| Smart Beppina KWS | 97.7 | 91.9 | 86.7 | 97.4 | 92 | | |
| Antonica KWS | 109.9 | 102.0 | 112.0 | 100.1 | 109 | | |
| Novatessa KWS | 101.2 | 99.3 | 100.3 | 99.9 | 101 | | |
| ST Gotthard | 95.4 | 101.5 | 96.3 | 99.7 | 99 | | |
| BTS8735 | 100.2 | 96.0 | 95.4 | 99.4 | 98 | | |
| Verrechnungsmittel | 100.0 | 100.0 | 100.0 | 100.0 | 100 | | |
| Prüfmittel | 96.9 | 99.3 | 95.6 | 99.5 | 98 | | |
| Gesamtmittel | 97.4 | 99.4 | 96.3 | 99.6 | 98 | | |
| GD 5% (multipler t-Test) | 5.4 | 2.8 | 6.4 | 0.9 | 4 | | |