



LSV Schleswig-Holstein - Silomais Früh

Landessortenversuche Schleswig Holstein 2018 – Silomais früh (vorläufig)

Landessortenversuche Silomais 2015 - 2018 Vorläufige Ergebnisse

Sortiment früh



Standorte: Wallsbüll (SL); Scholdenup (SL); Nordstrand (NF; 15); Husum (NF; 16, 18); Barkholm (RD)

| Sorten | Züchter/ Vertrieb | Siloreife- zahl s | zuge- lassen | % Trockensubstanz Gesamt-Pflanze relativ | | | | Trockenmasse d/ha relativ | | | | Stärkegehalt % relativ | | | | Energiedichte NEL/kg Trockenmasse relativ | | | | Biogasausbeute IN/kg oTM relativ | | | |
|--------------------------------|----------------------|-------------------------|-----------------|---|------|------|----------------|------------------------------|-------|-------|----------------|---------------------------|------|------|----------------|--|------|------|----------------|-------------------------------------|------|------|----------------|
| | | | | 2015 | 2016 | 2018 | 2015 - 2018 | 2015 | 2016 | 2018 | 2015 - 2018 | 2015 | 2016 | 2018 | 2015 - 2018 | 2015 | 2016 | 2018 | 2015 - 2018 | 2015 | 2016 | 2018 | 2015 - 2018 |
| Mittel: aba. VRS = rel. 100 | | | | 35,1 | 37,7 | 35,4 | 36,1 | 149,0 | 213,2 | 155,4 | 172,5 | 32,9 | 35,9 | 27,9 | 32,2 | 6,45 | 6,75 | 6,48 | 6,56 | 697 | 730 | 713 | 713 |
| Cathy | DSV | 210 | 2012 | 99 | 102 | 96 | 99 | 104 | 106 | 94 | 101 | 101 | 101 | 96 | 99 | 101 | 101 | 100 | 101 | 100 | 101 | 97 | 99 |
| Messago | DSV | 220 | 2011 | 92 | 95 | 95 | 94 | 108 | 103 | 100 | 104 | 98 | 98 | 98 | 98 | 101 | 100 | 100 | 100 | 100 | 100 | 98 | 100 |
| LG 30248 | LG | 220 | 2015 | 91 | 97 | 95 | 94 | 110 | 109 | 106 | 108 | 89 | 93 | 99 | 94 | 99 | 99 | 101 | 100 | 99 | 98 | 97 | 98 |
| Staoey | LG | 220 | 2015 | 91 | 98 | 99 | 96 | 106 | 95 | 101 | 101 | 100 | 100 | 101 | 100 | 102 | 100 | 101 | 101 | 98 | 100 | 98 | 99 |
| SY Talisman | Syngenta | 220 | 2015 | 99 | 98 | 101 | 99 | 104 | 106 | 103 | 104 | 102 | 100 | 114 | 106 | 101 | 100 | 101 | 101 | 98 | 100 | 102 | 100 |
| P 7524 | Pioneer | 200 | 2012 | 102 | 103 | 99 | 101 | 100 | 98 | 95 | 97 | 104 | 102 | 97 | 101 | 102 | 101 | 100 | 101 | 95 | 97 | 94 | 95 |
| DS 1398 A Sumatra | Saaten-Union | 220 | 2016 | | 97 | 90 | (93) | | 104 | 101 | (103) | | 93 | 82 | (88) | | 98 | 97 | (98) | | 101 | 96 | (99) |
| Cranberr CS | Caussade | 220 | 2016 | | 100 | 102 | (101) | | 104 | 92 | (98) | | 101 | 94 | (98) | | 101 | 100 | (100) | | 101 | 98 | (100) |
| Smoothl CG | Caussade | 220 | 2016 | | 97 | 94 | (95) | | 104 | 97 | (101) | | 94 | 83 | (85) | | 99 | 98 | (98) | | 99 | 93 | (96) |
| Susetta | Saaten-Union | 220 | 2016 | | 99 | 100 | (99) | | 102 | 102 | (102) | | 96 | 104 | (100) | | 100 | 102 | (101) | | 99 | 103 | (101) |
| Keops | KWS | 210 | 2016 | | 104 | 102 | (103) | | 106 | 96 | (101) | | 102 | 97 | (99) | | 101 | 100 | (100) | | 102 | 101 | (101) |
| Agro Fides | Agromais | 220 | 2016 | | 97 | 102 | (100) | | 105 | 95 | (100) | | 99 | 105 | (102) | | 100 | 100 | (100) | | 99 | 101 | (100) |
| Calango KWS | KWS | 220 | 2016 | | 101 | 102 | (102) | | 95 | 99 | (97) | | 103 | 108 | (106) | | 100 | 101 | (100) | | 101 | 101 | (101) |
| KWS Stabil | KWS | 200 | 2013 | | 107 | 105 | (106) | | 101 | 93 | (97) | | 104 | 103 | (103) | | 100 | 98 | (99) | | 101 | 101 | (101) |
| LG30212 | LG | 210 | 2014 | | 101 | 99 | (100) | | 103 | 102 | (103) | | 97 | 100 | (99) | | 100 | 100 | (100) | | 99 | 101 | (100) |
| Farmezzo | FarmSaat | ca. 210 | 2015 | | | | 100 | | | 102 | | | | 97 | | | | 102 | | | | | 100 |
| ES Amazing | Euralis | 210 | 2016 | | | | 99 | | | 89 | | | | 86 | | | | 98 | | | | | 99 |
| Mantilla | Advanta | 210 | 2017 | | | | 100 | | | 100 | | | | 109 | | | | 100 | | | | | 100 |
| DKC 2972 | Bayer | 220 | 2017 | | | | 99 | | | 107 | | | | 95 | | | | 98 | | | | | 102 |
| KWS Laurencio | KWS | 200 | 2017 | | | | 102 | | | 95 | | | | 91 | | | | 99 | | | | | 99 |
| Amanova | Agromais | 210 | 2017 | | | | 106 | | | 101 | | | | 105 | | | | 101 | | | | | 103 |
| LG31211 | LG | 210 | 2014 | | | | 102 | | | 99 | | | | 108 | | | | 102 | | | | | 101 |
| Milkstar | Saaten-Union | ca. 220 | 2014 | | | | 93 | | | 108 | | | | 89 | | | | 99 | | | | | 95 |
| DKC 2684 | Bayer | 210 | 2018 | | | | 99 | | | 99 | | | | 95 | | | | 98 | | | | | 101 |
| DKC 3089 | Bayer | 220 | 2018 | | | | 100 | | | 95 | | | | 101 | | | | 99 | | | | | 102 |
| LG 31227 | LG | 210 | 2018 | | | | 97 | | | 106 | | | | 99 | | | | 101 | | | | | 100 |
| Kaprilas | KWS | 210 | 2018 | | | | 103 | | | 98 | | | | 105 | | | | 100 | | | | | 103 |
| KWS Stefano | KWS | 210 | 2018 | | | | 103 | | | 104 | | | | 109 | | | | 101 | | | | | 103 |
| Amavit | Agromais | 210 | 2018 | | | | 100 | | | 104 | | | | 109 | | | | 100 | | | | | 102 |
| Rancador | RAGT | 210 | 2018 | | | | 107 | | | 104 | | | | 103 | | | | 101 | | | | | 103 |
| Espirito | Agromais | 210 | 2018 | | | | 104 | | | 109 | | | | 105 | | | | 99 | | | | | 101 |
| LG31218 | LG | 210 | 2014 | | | | 100 | | | 104 | | | | 106 | | | | 102 | | | | | 102 |
| Kompetens | KWS | ca. 220 | 2014 | | | | 106 | | | 97 | | | | 116 | | | | 102 | | | | | 105 |
| LG 30223 | LG | 220 | 2011 | | | | 97 | | | 95 | | | | 97 | | | | 100 | | | | | 100 |
| Tokala | Advanta | 210 | 2012 | | | | 99 | | | 101 | | | | 95 | | | | 99 | | | | | 100 |
| SY Werena | Syngenta | 210 | 2014 | | | | 104 | | | 102 | | | | 104 | | | | 100 | | | | | 99 |
| Zoey | LG | 210 | 2014 | | | | 100 | | | 100 | | | | 107 | | | | 102 | | | | | 103 |
| LG 30222 | LG | 210 | 2010 | | | | 92 | | | 96 | | | | 98 | | | | 101 | | | | | 98 |
| Fabregas | KWS | 210 | 2009 | | | | 106 | | | 95 | | | | 104 | | | | 99 | | | | | 101 |
| Colisee | KWS | 220 | 2012 | | | | 106 | | | 96 | | | | 105 | | | | 100 | | | | | 100 |
| Mittel | | | | | | | 98 | | | 100 | | | | 99 | | | | 100 | | | | | 100 |

Verrechnungsorten (VRS) = 2018: alle Prüfsorten; 2016: LG 30223, Tokala, SY Werena, Zoey, Cathy; 2015: LG 30222, LG 30223, Colisee, Tokala, Fabregas
() = zweijährige Mittelwerte 2016-2018





Sortenbeurteilung Schleswig Holstein - Silomais

Sortenbeurteilung Silomais Sortiment früh



| Sorte | Vertrieb Züchter | Silo-reife-zahl S | Zul.-Jahr | Anzahl Versuchs-jahre | % TS | Stärke % | Biogas-aus-beute | TM dt/ha | EnzymI os TM % | Energie kg NEL I.d.T |
|-------------------------------------|------------------|-------------------|-----------|-----------------------|------|----------|------------------|----------|----------------|----------------------|
| mehrfährig geprüft 2015, 2016, 2018 | | | | | | | | | | |
| Agro Fides | Agromais | 220 | 2018 | 2 | 0 | ++ | 0 | 0 | 0 | 0 |
| Calango KWS | KWS | 220 | 2018 | 2 | + | ++ | 0 | - | 0 | 0 |
| Cathy | DSV | 210 | 2012 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cranberry CS | Caussade | 220 | 2018 | 2 | 0 | - | 0 | - | 0 | 0 |
| DS 1398 A Sumatra | Saaten-Union | 220 | 2018 | 2 | -- | -- | 0 | + | - | - |
| Keops | KWS | 210 | 2018 | 2 | + | 0 | 0 | 0 | 0 | 0 |
| KWS Stabil | KWS | 200 | 2013 | 2 | ++ | + | 0 | - | - | 0 |
| LG 302#8 | LG | 220 | 2015 | 3 | -- | -- | - | ++ | 0 | 0 |
| LG30212 | LG | 210 | 2014 | 2 | 0 | 0 | 0 | + | 0 | 0 |
| Messago | DSV | 220 | 2011 | 3 | -- | - | 0 | ++ | 0 | 0 |
| P 7524 | Pioneer | 200 | 2012 | 3 | 0 | 0 | -- | - | 0 | 0 |
| Smoothi CS | Caussade | 220 | 2018 | 2 | -- | -- | - | 0 | - | - |
| Stacey | LG | 220 | 2015 | 3 | -- | 0 | 0 | 0 | + | 0 |
| Susetta | Saaten-Union | 220 | 2018 | 2 | 0 | 0 | 0 | + | 0 | 0 |
| SY Talisman | Syngenta | 220 | 2015 | 3 | 0 | ++ | 0 | ++ | 0 | 0 |
| einjährig geprüft 2018 | | | | | | | | | | |
| Amanova | Agromais | 210 | 2017 | 1 | ++ | ++ | - | 0 | 0 | 0 |
| Amavit | Agromais | 210 | 2018 | 1 | 0 | ++ | + | ++ | 0 | 0 |
| DKC 2684 | Monsanto | 210 | 2018 | 1 | 0 | -- | 0 | 0 | 0 | - |
| DKC 2972 | Monsanto | 220 | 2017 | 1 | 0 | -- | + | ++ | 0 | - |
| DKC 3089 | Monsanto | 220 | 2018 | 1 | 0 | 0 | + | - | 0 | 0 |
| ES Amazing | Euralis | 210 | 2018 | 1 | 0 | - | 0 | - | - | - |
| Espirito | Agromais | 210 | 2018 | 1 | ++ | ++ | 0 | ++ | 0 | 0 |
| Famezzo | FarmSaat | ca. 210 | 2015 | 1 | 0 | - | 0 | + | + | + |
| Kaprilias | KWS | 210 | 2018 | 1 | + | ++ | + | - | 0 | 0 |
| Kompetens | KWS | ca. 220 | 2014 | 1 | ++ | ++ | ++ | - | + | + |
| KWS Laurencio | KWS | 200 | 2017 | 1 | + | - | 0 | - | - | 0 |
| KWS Stefano | KWS | 210 | 2018 | 1 | + | ++ | + | ++ | 0 | 0 |
| LG 31227 | LG | 210 | 2018 | 1 | - | 0 | 0 | ++ | + | 0 |
| LG31211 | LG | 210 | 2014 | 1 | + | ++ | 0 | 0 | + | + |
| LG31218 | LG | 210 | 2014 | 1 | 0 | ++ | + | ++ | + | + |
| Mantilla | Advanta | 210 | 2017 | 1 | 0 | ++ | 0 | 0 | 0 | 0 |
| Milkstar | Saaten-Union | ca. 220 | 2014 | 1 | -- | -- | - | ++ | 0 | 0 |
| Rancador | RAGT | 210 | 2018 | 1 | ++ | + | + | ++ | 0 | 0 |

Erläuterungen

0 = durchschnittlich (rel. 99 - 101)
 + = überdurchschnittlich (rel. 102 - 103, ab rel. 104 = ++)
 - = unterdurchschnittlich (rel. 98 - 97, ab rel. 96 = --)

Sortenbeurteilung Silomais Sortiment mittelfrüh



| Sorte | Vertrieb Züchter | Silo-reife-zahl S | Zul.-Jahr | Anzahl Versuchs-jahre | % TS | Stärke % | Biogas-aus-beute | TM dt/ha | EnzymI os TM % | Energie kg NEL I.d.T |
|-------------------------------------|------------------|-------------------|-----------|-----------------------|------|----------|------------------|----------|----------------|----------------------|
| mehrfährig geprüft 2015, 2016, 2018 | | | | | | | | | | |
| Agro Janus | Agromais | 250 | 2018 | 2 | 0 | 0 | - | + | 0 | 0 |
| Agro Polis | Agromais | 240 | 2015 | 3 | 0 | 0 | 0 | + | 0 | 0 |
| Amaroc | Agromais | 230 | 2016 | 2 | - | - | 0 | + | 0 | 0 |
| Benedictio KWS | KWS | 230 | 2018 | 2 | ++ | 0 | + | 0 | 0 | 0 |
| Charleen | LG | 240 | 2016 | 2 | 0 | 0 | 0 | ++ | 0 | 0 |
| Corfinio KWS | KWS | 240 | 2015 | 3 | - | 0 | 0 | + | 0 | 0 |
| ES Amulet | Euralis | 250 | 2015 | 3 | - | 0 | - | + | + | 0 |
| Famfire | FarmSaat | 230 | 2015 | 3 | - | + | 0 | + | + | + |
| Famicius | FarmSaat | 230 | 2014 | 3 | 0 | + | 0 | + | 0 | 0 |
| Feuerstein | Agasaat | 250 | 2018 | 2 | 0 | + | + | - | 0 | 0 |
| Figaro | KWS | 250 | 2016 | 2 | 0 | -- | -- | 0 | 0 | 0 |
| Frederico KWS | KWS | 240 | 2015 | 3 | - | 0 | - | ++ | 0 | 0 |
| Kartagos | KWS | 230 | 2018 | 2 | ++ | 0 | 0 | + | 0 | 0 |
| LG 30252 | LG | 250 | 2014 | 3 | 0 | - | 0 | ++ | 0 | 0 |
| LG 30258 | LG | 240 | 2016 | 2 | 0 | 0 | 0 | 0 | + | 0 |
| Lindolfo KWS | KWS | 240 | 2016 | 2 | ++ | + | 0 | + | 0 | 0 |
| Simpatico KWS | KWS | 250 | 2014 | 3 | - | -- | - | ++ | 0 | - |
| SY Welas | Syngenta | 230 | 2015 | 3 | 0 | 0 | 0 | + | + | 0 |
| einjährig geprüft 2018 | | | | | | | | | | |
| Amaveritas | Agromais | 240 | 2017 | 1 | - | - | - | ++ | 0 | 0 |
| Bernardino | KWS | 240 | 2018 | 1 | ++ | ++ | ++ | - | - | 0 |
| DKC 2788 | Monsanto | 230 | 2018 | 1 | 0 | - | 0 | 0 | 0 | 0 |
| ES Joker | Euralis | 250 | 2018 | 1 | -- | -- | - | -- | 0 | 0 |
| ES Tourmaline | Euralis | 240 | 2018 | 1 | - | -- | - | - | 0 | 0 |
| KWS Fabiano | KWS | 230 | 2018 | 1 | - | -- | - | 0 | 0 | 0 |
| LG 30244 | LG | 230 | 2017 | 1 | 0 | + | 0 | - | 0 | 0 |
| LG 31256 | LG | 250 | 2018 | 1 | - | 0 | 0 | + | 0 | 0 |
| Neutrino | Saaten-Union | 240 | 2017 | 1 | - | -- | - | 0 | - | - |
| P 8333 | Pioneer | 250 | 2017 | 1 | - | -- | 0 | 0 | 0 | 0 |
| P7724 | Pioneer | 240 | 2015 | 1 | 0 | - | - | - | 0 | 0 |
| Paratico | KWS | 250 | 2018 | 1 | + | + | 0 | 0 | 0 | 0 |
| Quentin | Rudloff | 240 | 2015 | 1 | - | ++ | + | + | + | + |
| Rigoletto | Rudloff | 250 | 2014 | 1 | 0 | + | 0 | + | 0 | 0 |
| Severeen | Advanta | 230 | 2017 | 1 | 0 | ++ | 0 | - | ++ | + |
| Vitalico | KWS | 240 | 2018 | 1 | - | -- | - | + | - | - |

Erläuterungen

0 = durchschnittlich (rel. 99 - 101)
 + = überdurchschnittlich (rel. 102 - 103, ab rel. 104 = ++)
 - = unterdurchschnittlich (rel. 98 - 97, ab rel. 96 = --)





DKC2978 in den Landessortenversuchen Schleswig-Holstein 2018 - Silomais früh

Silomais früh
Standort: Scholderup
Vorläufige Ergebnisse

| Sorte | Grün- masse dt/ha (abs) | TS Ges. pflanze % (abs) | TS Ges. pflanze % (rel) | Gesamt- TM dt/ha (abs) | Gesamt- TM dt/ha (rel) | Stärke- gehalt % (abs) | Stärke- gehalt % (rel) | Protein Pfl. % (abs) | Enzyml. oS TM % (abs) | Enzyml. oS TM % (rel) | NEL/kg TM (XL) (abs) | NEL/kg TM (XL) (rel) | Biogas- ausbeute (abs) | Biogas- ausbeute (rel) |
|-------------------|----------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|
| Mittel (B) | 560 | 33.5 | 33.5 | 189.4 | 189.4 | 26.6 | 26.6 | 6.76 | 69.56 | 69.56 | 6.39 | 6.39 | 692 | 692 |
| DKC 2978 | 545 | 35.5 | 106 | 193.6 | 102 | 33.1 | 125 | 6.57 | 71.89 | 103 | 6.52 | 102 | 731 | 106 |

Globale Bezugsbasis
Versuchsmittel LSVfr ohne DKC 2978

Silomais früh
Standort: Husum
Vorläufige Ergebnisse

| Sorte | Grün- masse dt/ha (abs) | TS Ges. pflanze % (abs) | TS Ges. pflanze % (rel) | Gesamt- TM dt/ha (abs) | Gesamt- TM dt/ha (rel) | Stärke- gehalt % (abs) | Stärke- gehalt % (rel) | Protein Pfl. % (abs) | Enzyml. oS TM % (abs) | Enzyml. oS TM % (rel) | NEL/kg TM (XL) (abs) | NEL/kg TM (XL) (rel) | Biogas- ausbeute (abs) | Biogas- ausbeute (rel) |
|-------------------|----------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|
| Mittel (B) | 486 | 37.3 | 37.3 | 180.5 | 180.5 | 35.0 | 35.0 | 6.89 | 73.14 | 73.14 | 6.73 | 6.73 | 770 | 770 |
| DKC 2978 | 454 | 38.2 | 102 | 173.4 | 96 | 36.6 | 105 | 6.81 | 73.20 | 100 | 6.72 | 100 | 773 | 100 |

Globale Bezugsbasis
Versuchsmittel LSVfr ohne DKC 2978





Silomais-Sortenempfehlung - Schleswig Holstein 2019



Landwirtschafts-
kammer
Schleswig-Holstein

Silomais-Sortenempfehlung für Schleswig-Holstein 2019 Vorläufig

Landesweite Empfehlung für Silomais zur Energienutzung

➤ früh

*Keops (S 210)
*LG 30212 (S 210)
*Susetta (S 220)
SY Talisman (S 220)

➤ mittelfrüh

*Amaroc (S 230) SY Welas (S 230)
*Benedictio KWS (S 230) Agro Polis (S 240)
Farmfire (S 230) *Charleen (S 240)
Farmicus (S 230) LG 30252 (S 250)
*Kartagos (S 230)



➤ Sicher abreifende Standorte

LG 30248 (S 220)
Messago (S 220)
Simpatico KWS (S 250)

➤ Probeanbau, nur in 2018 geprüft

Amanova (S 210) Rancador (S 210)
Amavit (S 210) **DKC 2972 (S 220)**
Espirito (S 210) LG 30258 (S 240)
Farnezzo (ca.210) Bernardino (S 240)
KWS Stefano (S 210) Quentin (S 240)
LG 31218 (S 210) Rigoletto (S 250)

Frühe Silomaissorten mit Siloreifezahlen S 200 - S 220 werden für den Norden empfohlen. Sorten aus dem mittelfrühen Sortiment mit Reifezahlen von S 230 – S 250 bekommen die Empfehlung für den Süden Schleswig-Holsteins und warme Standorte im Norden.

Bewährte, hier nicht mehr aufgeführte Sorten, sollten weiterhin Berücksichtigung im Anbau finden.

