

OPOLSKI ZESPOŁ
POREJESTROWEGO DOŚWIADCZALNICTWA ODMIANOWEGO



**WSTĘPNE WYNIKI
PLONOWANIA ODMIAN ROŚLIN ROLNICZYCH
W DOŚWIADCZENIACH POREJESTROWYCH
W WOJEWÓDZTWIE OPOLSKIM**

PSZENICA OZIMA 2021



GŁUBCZYCE 2021

Przewodniczący Opolskiego Zespołu
Porejestrowego Doświadczalnictwa Odmianowego - dr inż. Kazimierz Pyziak

Stacja Koordynująca PDO w woj. opolskim:

CENTRALNY OŚRODEK BADANIA ODMIAN ROŚLIN UPRAWNYCH
Stacja Doświadczalna Oceny Odmian w Głubczycach
ul. Kolejowa 5, 48-100 Głubczyce
tel.: 77 4852694
e-mail: sdoo@glubczyce.coboru.gov.pl
<http://glubczyce.coboru.gov.pl>

Opracowanie: inż. Wojciech Żłobicki

Redakcja merytoryczna: dr Marta Bednarczyk

Wydawca: SDOO w Głubczycach

Rozpowszechnianie danych zawartych w publikacji
z podaniem COBORU SDOO w Głubczycach
jako źródła informacji

**Tab.1. Pszenica ozima. Przedplon rzepak ozimy, optymalny termin siewu.
Plon ziarna przy 14% wilgotności (% wzorca) na dwóch poziomach agrotechniki.
Województwo opolskie. Lata zbioru 2021, 2019-2021.**

| L.p. | Odmiana | | Poziom a ₁ | | | | | Poziom a ₂ | | | | |
|------|---------------------------|-----|-----------------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|--------------|-------------|
| | | | 2021 | 2020 | 2019 | 2020-2021 | 2019-2021 | 2021 | 2020 | 2019 | 2020-2021 | 2019-2021 |
| | Wzorzec dt/ha | | 90,8 | 86,3 | 81,8 | 88,6 | 86,3 | 103,3 | 97,9 | 92,8 | 100,6 | 98,0 |
| wz1 | Artist | LOZ | 103 | 109 | 107 | 106 | 106 | 104 | 107 | 107 | 105 | 106 |
| wz2 | Formacja | LOZ | 100 | 110 | 101 | 105 | 104 | 98 | 106 | 99 | 102 | 101 |
| wz3 | RGT Kilimanjaro | LOZ | 100 | 103 | 103 | 102 | 102 | 104 | 107 | 105 | 105 | 105 |
| wz4 | Symetria | | 91 | - | - | - | - | 98 | - | - | - | - |
| 5 | Arkadia | LOZ | 100 | 99 | 101 | 99 | 100 | 100 | 104 | 106 | 102 | 103 |
| 6 | Linus | LOZ | 99 | 105 | 106 | 102 | 103 | 104 | 101 | 108 | 102 | 104 |
| 7 | Patras | | 102 | 92 | 104 | 97 | 99 | 97 | 90 | 106 | 93 | 98 |
| 8 | KWS Dakotana | LOZ | 95 | 102 | 107 | 98 | 101 | 95 | 100 | 105 | 98 | 100 |
| 9 | Belissa | | 99 | 96 | 106 | 98 | 100 | 98 | 94 | 104 | 96 | 99 |
| 10 | Medalistka | LOZ | 94 | 104 | 100 | 99 | 99 | 99 | 101 | 97 | 100 | 99 |
| 11 | RGT Bilanz | LOZ | 103 | 98 | 101 | 101 | 101 | 105 | 99 | 102 | 102 | 102 |
| 12 | Owacja | LOZ | 93 | 101 | 102 | 97 | 99 | 92 | 102 | 104 | 97 | 99 |
| 13 | Apostel | | 103 | 97 | 103 | 100 | 101 | 101 | 99 | 106 | 100 | 102 |
| 14 | Comandor | | 97 | 97 | 108 | 97 | 101 | 99 | 95 | 106 | 97 | 100 |
| 15 | Euforia | | 101 | 101 | 106 | 101 | 103 | 100 | 100 | 105 | 100 | 102 |
| 16 | Plejada | LOZ | 109 | 104 | 113 | 106 | 109 | 104 | 99 | 109 | 102 | 104 |
| 17 | Lokata | | 87 | 90 | - | 89 | - | 90 | 93 | - | 92 | - |
| 18 | Admont | | 100 | 103 | - | 101 | - | 102 | 102 | - | 102 | - |
| 19 | Bosporus | | 94 | 100 | - | 97 | - | 100 | 99 | - | 99 | - |
| 20 | Bataja | | 91 | 101 | - | 96 | - | 96 | 102 | - | 99 | - |
| 21 | Lawina | | 94 | 96 | - | 95 | - | 97 | 96 | - | 96 | - |
| 22 | KWS Donovan | LOZ | 111 | 111 | - | 111 | - | 106 | 112 | - | 109 | - |
| 23 | LG Keramik | | 105 | 106 | - | 106 | - | 107 | 102 | - | 104 | - |
| 24 | Moschus | | 98 | 93 | - | 96 | - | 105 | 95 | - | 100 | - |
| 25 | RGT Specialist | LOZ | 97 | 109 | - | 103 | - | 96 | 102 | - | 99 | - |
| 26 | Venecja | LOZ | 108 | 107 | - | 107 | - | 103 | 108 | - | 105 | - |
| 27 | Opoka | LOZ | 101 | 105 | - | 103 | - | 103 | 108 | - | 106 | - |
| 28 | Godnik | | 101 | 100 | - | 101 | - | 95 | 98 | - | 96 | - |
| 29 | SY Dubaj | | 103 | 104 | - | 103 | - | 101 | 104 | - | 102 | - |
| 30 | SY Yukon | | 104 | 99 | - | 101 | - | 99 | 97 | - | 98 | - |
| 31 | Tonnage | | 97 | 91 | - | 94 | - | 95 | 92 | - | 94 | - |
| 32 | Ambicja | | 100 | - | - | - | - | 98 | - | - | - | - |
| 33 | Impresja | | 102 | - | - | - | - | 101 | - | - | - | - |
| 34 | KWS Universum | | 101 | - | - | - | - | 98 | - | - | - | - |
| 35 | SY Cellist | | 113 | - | - | - | - | 107 | - | - | - | - |
| 36 | KWS Talium | | 96 | - | - | - | - | 103 | - | - | - | - |
| 37 | MHR Promienna | | 96 | - | - | - | - | 94 | - | - | - | - |
| 38 | RGT Provision | | 92 | - | - | - | - | 98 | - | - | - | - |
| 39 | RGT Ritter | | 106 | - | - | - | - | 99 | - | - | - | - |
| 40 | SU Tarroca | | 114 | - | - | - | - | 112 | - | - | - | - |
| | Liczba doświadczeń | | 3 | 4 | 4 | 7 | 11 | 3 | 4 | 4 | 7 | 11 |

Wzorzec- średnia dla wszystkich badanych odmian, . a₁ – przeciętny, a₂ – intensywny poziom agrotechniki,

LOZ –Lista Odmian Zalecanych

F₁ – odmiana mieszańcowa

**Tab.2. Pszenica ozima . Przedplon rzepak ozimy, optymalny termin siewu.
Plon ziarna przy 14% wilgotności w miejscowościach (% wzorca). Lata zbioru 2021, 2019-2021.**

| L.p. | Odmiana | Poziom a ₁ | | | | | | Poziom a ₂ | | | | | |
|------|----------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-----------------------|--------------|-------------|-------------|--------------|-------------|
| | | Głubczyce | | Baków | | Łosiów | | Głubczyce | | Baków | | Łosiów | |
| | | 2021 | 2019-2021 | 2021 | 2019-2021 | 2021 | 2019-2021 | 2021 | 2019-2021 | 2021 | 2019-2021 | 2021 | 2019-2021 |
| | Wzorzec dt/ha | 99,9 | 97,5 | 79,4 | 77,2 | 93,1 | 81,6 | 116,1 | 110,5 | 81,6 | 84,2 | 112,3 | 95,2 |
| 1 | Artist | 97 | 101 | 108 | 111 | 105 | 109 | 99 | 102 | 116 | 108 | 99 | 108 |
| 2 | Formacja | 102 | 102 | 101 | 99 | 97 | 104 | 99 | 101 | 102 | 97 | 93 | 103 |
| 3 | RGT Kilimanjaro | 101 | 102 | 95 | 100 | 104 | 106 | 103 | 104 | 100 | 102 | 108 | 110 |
| 4 | Symetria | 101 | - | 84 | - | 87 | - | 104 | - | 92 | - | 97 | - |
| 5 | Arkadia | 95 | 100 | 104 | 104 | 101 | 99 | 100 | 103 | 103 | 104 | 98 | 102 |
| 6 | Linus | 97 | 100 | 99 | 108 | 101 | 98 | 100 | 103 | 99 | 105 | 111 | 107 |
| 7 | Patras | 104 | 102 | 106 | 103 | 98 | 101 | 97 | 98 | 98 | 100 | 96 | 102 |
| 8 | KWS Dakotana | 89 | 96 | 93 | 101 | 102 | 104 | 94 | 99 | 90 | 102 | 101 | 103 |
| 9 | Belissa | 96 | 95 | 96 | 99 | 105 | 109 | 98 | 97 | 99 | 97 | 97 | 104 |
| 10 | Medalistka | 98 | 100 | 91 | 94 | 92 | 99 | 96 | 101 | 97 | 93 | 103 | 99 |
| 11 | RGT Bilanz | 104 | 104 | 99 | 99 | 107 | 99 | 106 | 103 | 100 | 102 | 109 | 99 |
| 12 | Owacja | 107 | 106 | 90 | 98 | 80 | 95 | 94 | 99 | 93 | 99 | 89 | 100 |
| ? 13 | Apostel | 107 | 101 | 100 | 99 | 101 | 104 | 103 | 100 | 97 | 98 | 102 | 105 |
| 14 | Comandor | 102 | 101 | 101 | 100 | 90 | 103 | 97 | 99 | 103 | 103 | 98 | 103 |
| ? 15 | Euforia | 95 | 98 | 101 | 105 | 106 | 102 | 102 | 100 | 100 | 103 | 98 | 97 |
| 16 | Plejada | 108 | 99 | 114 | 109 | 105 | 112 | 104 | 102 | 113 | 107 | 99 | 103 |
| 17 | Lokata | 89 | 93 | 88 | 90 | 85 | 88 | 91 | 98 | 82 | 90 | 95 | 91 |
| 18 | Admont | 96 | 97 | 94 | 98 | 108 | 98 | 99 | 98 | 97 | 101 | 108 | 103 |
| 19 | Bosporus | 88 | 99 | 99 | 99 | 97 | 100 | 97 | 97 | 99 | 100 | 103 | 98 |
| 20 | Bataja | 92 | 99 | 92 | 99 | 88 | 95 | 96 | 99 | 95 | 104 | 95 | 97 |
| 21 | Lawina | 99 | 99 | 96 | 97 | 87 | 95 | 97 | 100 | 99 | 99 | 94 | 96 |
| 22 | KWS Donovan | 103 | 105 | 111 | 101 | 118 | 111 | 107 | 105 | 104 | 99 | 105 | 99 |
| 23 | LG Keramik | 105 | 101 | 106 | 102 | 104 | 99 | 108 | 104 | 107 | 103 | 105 | 102 |
| 24 | Moschus | 102 | 96 | 99 | 102 | 93 | 90 | 101 | 97 | 101 | 101 | 112 | 102 |
| 25 | RGT Specialist | 98 | 103 | 96 | 108 | 98 | 102 | 92 | 94 | 97 | 100 | 100 | 103 |
| 26 | Venecja | 99 | 98 | 113 | 109 | 113 | 115 | 98 | 101 | 107 | 108 | 104 | 111 |
| 27 | Opoka | 99 | 99 | 108 | 104 | 98 | 99 | 100 | 101 | 108 | 101 | 103 | 96 |
| 28 | Godnik | 105 | 102 | 88 | 91 | 109 | 100 | 100 | 97 | 83 | 89 | 97 | 97 |
| 29 | SY Dubaj | 97 | 99 | 103 | 94 | 108 | 104 | 100 | 99 | 100 | 96 | 102 | 104 |
| 30 | SY Yukon | 103 | 98 | 91 | 95 | 115 | 106 | 98 | 99 | 96 | 95 | 103 | 101 |
| 31 | Tonnage | 104 | 101 | 97 | 95 | 90 | 84 | 102 | 99 | 91 | 93 | 92 | 86 |
| 32 | Ambicja | 95 | - | 102 | - | 103 | - | 94 | - | 105 | - | 97 | - |
| 33 | Impresja | 98 | - | 95 | - | 113 | - | 100 | - | 97 | - | 105 | - |
| 34 | KWS Universum | 97 | - | 109 | - | 99 | - | 96 | - | 98 | - | 99 | - |
| 35 | SY Cellist | 118 | - | 109 | - | 111 | - | 109 | - | 106 | - | 105 | - |
| 36 | KWS Talium | 102 | - | 105 | - | 83 | - | 105 | - | 107 | - | 99 | - |
| 37 | MHR Promienna | 102 | - | 89 | - | 96 | - | 98 | - | 96 | - | 88 | - |
| 38 | RGT Provision | 91 | - | 101 | - | 85 | - | 95 | - | 99 | - | 100 | - |
| 39 | RGT Ritter | 106 | - | 107 | - | 105 | - | 103 | - | 101 | - | 93 | - |
| 40 | SU Tarroca | 109 | - | 120 | - | 114 | - | 115 | - | 123 | - | 100 | - |

Wzorzec- średnia dla wszystkich badanych odmian, . a₁ – przeciętny, a₂ – intensywny poziom agrotechniki,
F₁ – odmiana mieszańcowa

Tab.3. Pszenica ozima. Głubczyce – poszerzony dobór odmian.
Przedplon rzepak ozimy, optymalny termin siewu. Plon ziarna przy 14% wilgotności (% wzorca).
Lata zbioru 2021, 2019-2021.

| L.p. | Odmiana | Poziom a ₁ | | | | | Poziom a ₂ | | | | |
|------|----------------------|-----------------------|-------------|-------------|-------------|-------------|-----------------------|--------------|--------------|--------------|--------------|
| | | 2021 | 2020 | 2019 | 2020-2021 | 2019-2021 | 2021 | 2020 | 2019 | 2020-2021 | 2019-2021 |
| | Wzorzec dt/ha | 98,1 | 96,1 | 95,5 | 97,1 | 96,6 | 114,5 | 109,9 | 103,1 | 112,2 | 109,2 |
| 1 | Artist | 99 | 102 | 105 | 101 | 102 | 101 | 104 | 105 | 102 | 103 |
| 2 | Formacja | 104 | 106 | 98 | 105 | 103 | 101 | 102 | 105 | 101 | 103 |
| 3 | RGT Kilimanjaro | 103 | 99 | 107 | 101 | 103 | 104 | 105 | 106 | 105 | 105 |
| 4 | Symetria | 103 | - | - | - | - | 105 | - | - | - | - |
| 5 | Ostroga | 87 | 99 | 93 | 93 | 93 | 93 | 97 | 95 | 95 | 95 |
| 6 | Arkadia | 97 | 100 | 104 | 99 | 100 | 101 | 104 | 108 | 102 | 104 |
| 7 | Linus | 99 | 103 | 107 | 101 | 103 | 102 | 102 | 110 | 102 | 105 |
| 8 | Patras | 105 | 104 | 102 | 105 | 104 | 98 | 98 | 101 | 98 | 99 |
| 9 | Hondia | 99 | 95 | 97 | 97 | 97 | 92 | 96 | 95 | 94 | 94 |
| 10 | KWS Dakotana | 90 | 104 | 100 | 97 | 98 | 95 | 101 | 105 | 98 | 100 |
| 11 | Rotax | 93 | 91 | 106 | 92 | 97 | 96 | 99 | 103 | 97 | 99 |
| 12 | Belissa | 98 | 92 | 96 | 95 | 95 | 99 | 96 | 99 | 98 | 98 |
| 13 | Hybery | 88 | - | - | - | - | 94 | - | - | - | - |
| 14 | LG Jutta | 91 | 102 | 90 | 96 | 94 | 91 | 102 | 92 | 97 | 95 |
| 15 | Medalistka | 100 | 102 | 98 | 101 | 100 | 97 | 107 | 102 | 102 | 102 |
| 16 | Rivero | 103 | 103 | 107 | 103 | 104 | 99 | 104 | 104 | 101 | 102 |
| 17 | KWS Spencer | 98 | 101 | 101 | 99 | 100 | 97 | 103 | 105 | 100 | 102 |
| 18 | RGT Metronom | 97 | 100 | 100 | 98 | 99 | 99 | 102 | 90 | 100 | 97 |
| 19 | RGT Bilanz | 106 | 102 | 100 | 104 | 103 | 108 | 98 | 106 | 103 | 104 |
| 20 | Tytanika | 77 | 93 | 98 | 85 | 89 | 87 | 94 | 101 | 91 | 94 |
| 21 | Owacja | 109 | 104 | 108 | 107 | 107 | 96 | 99 | 106 | 97 | 100 |
| 22 | Apostel | 109 | 93 | 107 | 101 | 103 | 105 | 98 | 102 | 101 | 102 |
| 23 | Comandor | 104 | 101 | 105 | 102 | 103 | 98 | 98 | 105 | 98 | 100 |
| 24 | Euforia | 97 | 96 | 100 | 97 | 98 | 104 | 98 | 101 | 101 | 101 |
| 25 | Reduta | 92 | 99 | 95 | 95 | 95 | 88 | 97 | 97 | 93 | 94 |
| 26 | Błyskawica | 103 | 103 | 101 | 103 | 102 | 101 | 101 | 110 | 101 | 104 |
| 27 | Plejada | 110 | 97 | 103 | 104 | 103 | 106 | 97 | 106 | 101 | 103 |
| 28 | RGT Treffer | 101 | 101 | - | 101 | - | 97 | 101 | - | 99 | - |
| 29 | Sfera | 97 | 99 | 102 | 98 | 99 | 98 | 96 | 103 | 97 | 99 |
| 30 | SY Orofino | 102 | 101 | 102 | 101 | 102 | 102 | 98 | 103 | 100 | 101 |
| 31 | Lokata | 90 | 94 | - | 92 | - | 92 | 101 | - | 97 | - |
| 32 | Admont | 98 | 99 | - | 98 | - | 101 | 97 | - | 99 | - |
| 33 | Bosporus | 90 | 105 | - | 97 | - | 98 | 102 | - | 100 | - |
| 34 | Bataja | 94 | 104 | - | 99 | - | 97 | 100 | - | 99 | - |
| 35 | Lawina | 101 | 103 | - | 102 | - | 99 | 99 | - | 99 | - |
| 36 | KWS Donovan | 105 | 108 | - | 107 | - | 109 | 111 | - | 110 | - |
| 37 | LG Keramik | 107 | 104 | - | 106 | - | 109 | 101 | - | 105 | - |
| 38 | Moschus | 104 | 90 | - | 97 | - | 103 | 92 | - | 97 | - |
| 39 | RGT Specialist | 100 | 107 | - | 103 | - | 93 | 103 | - | 98 | - |
| 40 | Venecja | 101 | 100 | - | 101 | - | 100 | 99 | - | 99 | - |
| 41 | Opoka | 101 | 109 | - | 105 | - | 101 | 102 | - | 102 | - |
| 42 | Godnik | 107 | 102 | - | 104 | - | 102 | 101 | - | 101 | - |
| 43 | SY Dubaj | 99 | 100 | - | 99 | - | 101 | 94 | - | 97 | - |
| 44 | SY Yukon | 105 | 98 | - | 102 | - | 100 | 95 | - | 97 | - |
| 45 | Tonnage | 106 | 102 | - | 104 | - | 103 | 103 | - | 103 | - |
| 46 | Ambicja | 97 | - | - | - | - | 95 | - | - | - | - |
| 47 | Impresja | 100 | - | - | - | - | 101 | - | - | - | - |
| 48 | Kariatyda | 102 | - | - | - | - | 101 | - | - | - | - |
| 49 | KWS Universum | 99 | - | - | - | - | 97 | - | - | - | - |
| 50 | SY Cellist | 120 | - | - | - | - | 110 | - | - | - | - |
| 51 | Argument | 104 | - | - | - | - | 104 | - | - | - | - |
| 52 | KWS Talium | 104 | - | - | - | - | 106 | - | - | - | - |
| 53 | MHR Promienna | 104 | - | - | - | - | 99 | - | - | - | - |
| 54 | RGT Provision | 93 | - | - | - | - | 96 | - | - | - | - |
| 55 | RGT Ritter | 108 | - | - | - | - | 105 | - | - | - | - |
| 56 | SU Mangold | 98 | - | - | - | - | 103 | - | - | - | - |
| 57 | SU Tarroca | 111 | - | - | - | - | 117 | - | - | - | - |
| 58 | SU Viedma | 93 | - | - | - | - | 104 | - | - | - | - |

Wzorzec- średnia dla wszystkich badanych odmian, a₁ – przeciętny, a₂ – intensywny poziom agrotechniki,

F₁ – odmiana mieszańcowa,

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 40 | SU Tarroca | 113 | 100 | 107 | 115 | 100 | 108 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Liczba doświadczeń | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 3 | 6 | 3 | 6 | 3 | 6 | 3 | 6 |

Wzorzec- średnia dla wszystkich badanych odmian, F₁ – odmiana mieszańcowa

**Tab. 5. Pszenica ozima. Przedplon burak cukrowy i rzepak ozimy, optymalny termin siewu.
Plon ziarna przy 14% wilgotności (% wzorca)
na intensywnym poziomie agrotechniki – a₂. Głubczyce. Lata zbioru 2021, 2019-2021.**

| Lp. | Odmiana | 2021 | | 2020 | | 2019 | | 2019-2021 | |
|---------------------------|-----------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|
| | | burak cukrowy | rzepak ozimy | burak cukrowy | rzepak ozimy | burak cukrowy | rzepak ozimy | burak cukrowy | rzepak ozimy |
| Wzorzec dt /ha | | 113,1 | 116,1 | 94,4 | 110,0 | 88,6 | 105,5 | 98,7 | 110,5 |
| 1 | Artist | 100 | 99 | 104 | 104 | 109 | 102 | 104 | 102 |
| 2 | Formacja | 94 | 99 | 101 | 102 | 101 | 102 | 99 | 101 |
| 3 | RGT Kilimanjaro | 104 | 103 | 107 | 105 | 98 | 103 | 103 | 104 |
| 4 | Symetria | 103 | 104 | - | - | - | - | - | - |
| 5 | Arkadia | 97 | 100 | 105 | 104 | 108 | 105 | 103 | 103 |
| 6 | Linus | 104 | 100 | 107 | 102 | 106 | 107 | 106 | 103 |
| 7 | Patras | 100 | 97 | 100 | 98 | 102 | 99 | 101 | 98 |
| 8 | KWS Dakotana | 96 | 94 | 106 | 101 | 102 | 102 | 101 | 99 |
| 9 | Belissa | 96 | 98 | 94 | 96 | 101 | 97 | 97 | 97 |
| 10 | Medalistka | 92 | 96 | 104 | 107 | 99 | 100 | 98 | 101 |
| 11 | RGT Bilanz | 100 | 106 | 97 | 98 | 105 | 104 | 101 | 103 |
| 12 | Owacja | 93 | 94 | 102 | 99 | 98 | 104 | 98 | 99 |
| 13 | Apostel | 96 | 103 | 105 | 98 | 106 | 100 | 102 | 100 |
| 14 | Comandor | 100 | 97 | 101 | 98 | 101 | 103 | 101 | 99 |
| 15 | Euforia | 104 | 102 | 96 | 98 | 106 | 98 | 102 | 99 |
| 16 | Plejada | 111 | 104 | 85 | 97 | 101 | 104 | 99 | 102 |
| 17 | Lokata | 95 | 91 | 96 | 101 | - | - | - | - |
| 18 | Admont | 99 | 99 | 98 | 97 | - | - | - | - |
| 19 | Bosporus | 99 | 97 | 110 | 101 | - | - | - | - |
| 20 | Bataja | 97 | 96 | 95 | 100 | - | - | - | - |
| 21 | Lawina | 102 | 97 | 105 | 99 | - | - | - | - |
| 22 | KWS Donovan | 112 | 107 | 118 | 111 | - | - | - | - |
| 23 | LG Keramik | 106 | 108 | 95 | 101 | - | - | - | - |
| 24 | Moschus | 99 | 101 | 89 | 92 | - | - | - | - |
| 25 | RGT Specialist | 98 | 92 | 103 | 103 | - | - | - | - |
| 26 | Venecja | 95 | 98 | 102 | 99 | - | - | - | - |
| 27 | Opoka | 100 | 100 | 101 | 102 | - | - | - | - |
| 28 | Godnik | 97 | 100 | 105 | 101 | - | - | - | - |
| 29 | SY Dubaj | 95 | 100 | 84 | 94 | - | - | - | - |
| 30 | SY Yukon | 93 | 98 | 87 | 95 | - | - | - | - |
| 31 | Tonnage | 105 | 102 | 113 | 103 | - | - | - | - |
| 32 | Ambicja | 91 | 94 | - | - | - | - | - | - |
| 33 | Impresja | 98 | 100 | - | - | - | - | - | - |
| 34 | KWS Universum | 100 | 96 | - | - | - | - | - | - |
| 35 | SY Cellist | 109 | 109 | - | - | - | - | - | - |
| 36 | KWS Talium | 105 | 105 | - | - | - | - | - | - |
| 37 | MHR Promienna | 100 | 98 | - | - | - | - | - | - |
| 38 | RGT Provision | 102 | 95 | - | - | - | - | - | - |
| 39 | RGT Ritter | 103 | 103 | - | - | - | - | - | - |
| 40 | SU Tarroca | 110 | 115 | - | - | - | - | - | - |
| Liczba doswiadczeń | | 1 | | | | | | 3 | |

Wzorzec- średnia dla wszystkich badanych odmian;
F₁ – odmiana mieszańcowa

Tab.6. Pszenica ozima. Przedplon rzepak ozimy, optymalny termin siewu. Porównanie gęstości siewu. Plon ziarna przy 14% wilgotności (dt/ha) na intensywnym poziomie agrotechniki – a₂. Głubczyce, Bąków i Pągów. Rok zbioru 2021.

| Lp. | Odmiana | 200 szt. /m ² | | | | | | | | 400 szt. /m ² | | | | | | | |
|-----------------------|---------------------|--------------------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|--------------------------|--------------|-------------|-------------|-------------|--------------|--------------|-------------|
| | | Głubczyce | | Bąków | | Pągów | | Średnia | | Głubczyce | | Bąków | | Pągów | | Średnia | |
| | | 2021 | 2019-2021 | 2021 | 2019-2021 | 2020 | 2019-2020 | 2021 | 2019-2021 | 2021 | 2019-2021 | 2021 | 2019-2021 | 2020 | 2019-2020 | 2021 | 2019-2021 |
| Wzorzec dt /ha | | 115,0 | 104,9 | 81,9 | 81,4 | 108,8 | 103,1 | 98,5 | 93,2 | 110,5 | 109,4 | 94,1 | 89,4 | 99,0 | 101,4 | 102,3 | 99,4 |
| 1 | Artist LOZ | 116,6 | 107,3 | 88,7 | 87,2 | 113,0 | 110,3 | 102,6 | 97,2 | 114,5 | 112,3 | 96,6 | 91,6 | 112,1 | 108,8 | 105,6 | 101,9 |
| 2 | RGT Kilimanjaro LOZ | 115,1 | 107,6 | 81,8 | 81,5 | 108,5 | 104,7 | 98,5 | 94,6 | 108,2 | 111,0 | 88,7 | 88,7 | 110,4 | 106,0 | 98,5 | 99,8 |
| 3 | Arkadia LOZ | 115,2 | 107,5 | 89,4 | 86,6 | 125,5 | 112,8 | 102,3 | 97,0 | 115,8 | 113,5 | 99,3 | 92,6 | 114,9 | 109,4 | 107,6 | 103,1 |
| 4 | Linus LOZ | 113,1 | 105,1 | 83,2 | 83,0 | 93,2 | 102,4 | 98,1 | 94,1 | 113,9 | 112,9 | 93,3 | 92,9 | 99,2 | 102,8 | 103,6 | 102,9 |
| 5 | Patras | 111,1 | 101,9 | 81,7 | 81,0 | 102,6 | 99,4 | 96,4 | 91,5 | 111,7 | 108,1 | 102,0 | 91,4 | 75,6 | 88,1 | 106,9 | 99,7 |
| 6 | KWS Dakotana LOZ | 109,0 | 103,1 | 77,0 | 76,6 | 110,7 | 102,0 | 93,0 | 89,8 | 107,2 | 108,6 | 92,3 | 92,3 | 88,4 | 98,4 | 99,8 | 100,4 |
| 7 | Belissa | 113,7 | 99,9 | 82,0 | 80,4 | 108,4 | 104,6 | 97,8 | 90,1 | 105,7 | 104,6 | 86,3 | 83,0 | 92,2 | 96,8 | 96,0 | 93,8 |
| 8 | Medalistka LOZ | 114,3 | - | 76,1 | - | - | - | 95,2 | - | 110,8 | - | 104,2 | - | - | - | 107,5 | - |
| 9 | RGT Bilanz LOZ | 123,5 | - | 82,8 | - | - | - | 103,1 | - | 105,9 | - | 81,4 | - | - | - | 93,7 | - |
| 10 | Owacja LOZ | 112,0 | - | 70,5 | - | - | - | 91,3 | - | 109,4 | - | 94,4 | - | - | - | 101,9 | - |
| 11 | Plejada LOZ | 121,3 | - | 88,2 | - | - | - | 104,7 | - | 111,4 | - | 98,6 | - | - | - | 105,0 | - |

Wzorzec- średnia dla wszystkich badanych odmian.

LOZ-Lista Odmian Zalecanych (odmiany: Bellisa 2017 – 2021, Patras 2014-2021 na LOZ)

**Tab.7. Pszenica ozima. Przedplon rzepak ozimy, optymalny termin siewu.
Zastosowanie różnych form nawozów azotowych.
Plon ziarna przy 14% wilgotności (dt/ha) na intensywnym poziomie agrotechniki – a₂.
Głubczyce. Lata zbioru 2019-2021.**

| Lp. | Odmiana | | Głubczyce | | | | | | | |
|-----------------------|-----------------|-----|--|--------------|--------------|--------------|---|--------------|-------------|--------------|
| | | | 148 kg N/ha (RSM 32% w trzech dawkach) | | | | 148 kg N/ha (RSM 32% + saletra amonowa 32% w dwóch dawkach) | | | |
| | | | 2021 | 2020 | 2019 | 2019-2020 | 2021 | 2020 | 2019 | 2019-2020 |
| Wzorzec dt /ha | | | 115,2 | 110,5 | 107,2 | 111,0 | 116,4 | 105,1 | 96,4 | 106,0 |
| 1 | Artist | LOZ | 114,9 | 114,5 | 107,8 | 112,4 | 118,2 | 111,2 | 98,9 | 109,4 |
| 2 | RGT Kilimanjaro | LOZ | 119,6 | 115,8 | 108,9 | 114,8 | 116,6 | 106,6 | 96,3 | 106,5 |
| 3 | Arkadia | LOZ | 116,1 | 113,9 | 110,9 | 113,6 | 112,8 | 110,1 | 99,4 | 107,4 |
| 4 | Linus | LOZ | 116,1 | 111,7 | 113,1 | 113,6 | 119,2 | 103,5 | 100,9 | 107,9 |
| 5 | Patras | | 112,6 | 108,2 | 104,4 | 108,4 | 118,6 | 105,3 | 99,7 | 107,9 |
| 6 | KWS Dakotana | LOZ | 109,1 | 110,8 | 107,8 | 109,2 | 108,1 | 108,5 | 96,2 | 104,3 |
| 7 | Belissa | | 113,8 | 105,9 | 102,1 | 107,3 | 112,9 | 99,9 | 89,4 | 100,7 |
| 8 | Medalistka | LOZ | 111,5 | - | - | - | 112,8 | - | - | - |
| 9 | RGT Bilanz | LOZ | 123,1 | - | - | - | 126,4 | - | - | - |
| 10 | Owacja | LOZ | 109,1 | - | - | - | 112,0 | - | - | - |
| 11 | Plejada | LOZ | 120,7 | - | - | - | 123,4 | - | - | - |

Wzorzec- średnia dla wszystkich badanych odmian.

LOZ-Lista Odmian Zalecanych (odmiany: Bellisa 2017 – 2021, Patras 2014-2021 na LOZ)

RSM 32%:

I dawka N : RSM 32% - 62 kg N/ha

II dawka N : RSM 32% - 43 kg N/ha

III dawka N : RSM 32% - 43 kg N/ha

RSM 32% + saletra amonowa 32%:

I dawka N : RSM 32% - 62 kg N/ha

II dawka N : saletra amonowa 32% - 43 kg N/ha

III dawka N : saletra amonowa 32% - 43 kg N/ha