



CENTRALNY OŚRODEK BADANIA ODMIAN ROŚLIN UPRAWNYCH

POREJESTROWE DOŚWIADCZALNICTWO ODMIANOWE

WSTĘPNE WYNIKI plonowania odmian

w doświadczeniach porejestrowych

ZBOŻA JARE

2021



wrzesień

2021



Centralny Ośrodek Badania Odmian Roślin Uprawnych

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Opracowanie

mgr inż. Joanna Szarzyńska (tab. 1,2)
mgr inż. Katarzyna Drążkiewicz (tab. 3,4)
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mgr inż. Andrzej Najewski (tab. 7,8)

Informacja zawiera wyniki plonowania wszystkich odmian zarejestrowanych wg stanu na dzień 1 września 2021 roku, z wyjątkiem odmian, które nie były badane w trzech ostatnich latach (informacja pod tabelami). Średnie krajowe wyniki plonu ziarna w roku 2021 podano na tle dwóch lat poprzednich. W tabelach dotyczących serii krajowych pominięto oceny odmian badanych w nielicznych doświadczeniach (podano tylko informację o liczbie doświadczeń), natomiast tabele z wynikami plonowania w rejonach obejmują wszystkie odmiany badane w roku 2021. Dla jęczmienia dodatkowo podano wskaźnik wartości browarnej, a dla pszenicy zwyczajnej grupę wartości technologicznej. Wyniki pochodzą z doświadczeń prowadzonych w ramach programu Porejestrowego doświadczalnictwa odmianowego (PDO), a dla odmian nowych także z doświadczeń rejestrowych. Cztery odmiany żyta były badane we wspólnych doświadczeniach z pszenżytem.

Wyniki z roku 2021 pochodzą wprawdzie z wszystkich doświadczeń, lecz nie są jeszcze w pełni zweryfikowane i mogą ulec niewielkiej zmianie. Zweryfikowane wyniki plonu ziarna oraz innych cech rolniczych zostaną opublikowane w terminie późniejszym, w ramach serii *Wyniki porejestrowych doświadczeń odmianowych. Zboża jare*.

W tabelach odmiany uszeregowano wg malejącego plonu ziarna na przeciętnym poziomie agrotechniki w roku 2021 lub w latach 2020 i 2019 w obrębie gatunków i wydzielonych grup odmian. Dwuliterowy kod państw przy nazwach odmian oznacza miejsce wyhodowania odmiany.

***Rozpowszechnianie danych zawartych w publikacji
wyłącznie z podaniem COBORU jako źródła informacji***

Tabela 1
JĘCZMIEN JARY. Plon ziarna odmian. Lata zbioru: 2021, 2020, 2019

| Lp. | Odmiany | Liczba doświadczeń | | | Plon ziarna (% wzorca) | | | | | | Wskaźnik jakości browarnej |
|-----|-------------------------------|--------------------|-----------|-----------|------------------------|-------------|-------------|-----------------------|-------------|-------------|----------------------------|
| | | | | | poziom a ₁ | | | poziom a ₂ | | | |
| | | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 | |
| 1 | 2 | | | 3 | | | 4 | | | 5 | |
| | Wzorzec, dt z ha | 51 | 56 | 57 | 64,0 | 65,4 | 59,9 | 72,4 | 74,7 | 67,3 | |
| | typ browarny | | | | | | | | | | |
| 1 | Amidala DE | 29 | 34 | (9) | 101 | 104 | 103 | 100 | 100 | 107 | 7,80 |
| 2 | Avus (d. STRG 687/15) DE | 30 | (9) | (9) | 100 | 100 | 99 | 99 | 100 | 104 | 8,10 |
| 3 | RGT Planet FR | 51 | 56 | 57 | 99 | 101 | 101 | 100 | 102 | 101 | 7,80 |
| 4 | RGT Kepler (d. RP17012) UK | 36 | (9) | (9) | 99 | 103 | 103 | 101 | 106 | 109 | 6,55 |
| 5 | KWS Jessie (d. KWS 163084) DK | 51 | (9) | (9) | 99 | 102 | 102 | 100 | 106 | 103 | 7,55 |
| 6 | RGT Ylesia UK | 30 | 36 | (9) | 98 | 101 | 101 | 101 | 103 | 101 | 7,15 |
| 7 | Fandaga DE | 5 | 29 | 34 | | 97 | 95 | | 97 | 96 | 6,85 |
| 8 | Esma DE | 4 | 5 | 28 | | | 102 | | | 101 | 7,00 |
| 9 | KWS Irina DE | | 7 | 27 | | | 99 | | | 98 | 6,95 |
| 10 | KWS Dante ^w DE | 4 | 4 | 24 | | | 98 | | | 98 | 6,10 |
| 11 | Ovation UK | | 8 | 28 | | | 95 | | | 95 | 6,55 |
| 12 | Accordine DE | 4 | 4 | 26 | | | 94 | | | 95 | 7,95 |
| 13 | RGT Baltic FR | | | 3 | | | | | | | 8,10 |
| 14 | SU Lolek DE | | | 4 | | | | | | | 6,85 |

Kol. 5: skala 9° – wartość browarna: 3,00-4,24 – średnia
4,25-5,49 – średnia do dobrej
5,50-6,74 – dobra
6,75-7,99 – dobra do bardzo dobrej
8,00-9,00 – bardzo dobra

cd. tabeli 1

| Lp. | Odmiany | | Liczba doświadczeń | | | Plon ziarna (% wzorca) | | | | | |
|-----|--|--------|--------------------|-----------|-----------|------------------------|-------------|-------------|-----------------------|-------------|-------------|
| | | | | | | poziom a ₁ | | | poziom a ₂ | | |
| | | | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 |
| 1 | | 2 | | | 3 | | | 4 | | | |
| | Wzorzec, dt z ha | | 51 | 56 | 57 | 64,0 | 65,4 | 59,9 | 72,4 | 74,7 | 67,3 |
| | typ pastewny | | | | | | | | | | |
| 15 | Bente | DE | 30 | 37 | 38 | 106 | 102 | 104 | 105 | 103 | 105 |
| 16 | Rekrut (d. RAH 210/16) | PL | 51 | (9) | (9) | 103 | 104 | 106 | 100 | 106 | 105 |
| 17 | Laser (d. DC 11149/9) | PL | 48 | (9) | (9) | 103 | 102 | 100 | 100 | 101 | 101 |
| 18 | Etoile | DE/NZL | 27 | 37 | 47 | 102 | 98 | 102 | 101 | 100 | 102 |
| 19 | Feedway | DK | 50 | 56 | (9) | 102 | 102 | 105 | 102 | 102 | 109 |
| 20 | Brigitta | DE | 40 | 47 | (9) | 102 | 102 | 102 | 98 | 101 | 102 |
| 21 | Wirtuoz (d. NAD 6218) | PL | 47 | (9) | (9) | 102 | 102 | 102 | 101 | 104 | 102 |
| 22 | Trofeum (d. STH 11418) | PL | 45 | (9) | (9) | 101 | 104 | 103 | 99 | 101 | 98 |
| 23 | Jovita | DE | 47 | 53 | (9) | 101 | 102 | 101 | 102 | 105 | 106 |
| 24 | Flair | DK | 41 | 50 | (9) | 101 | 99 | 102 | 100 | 100 | 101 |
| 25 | Poemat (d. STH 11518) | PL | 48 | (9) | (9) | 101 | 100 | 102 | 100 | 101 | 103 |
| 26 | Loxton (d. Br13382gz7) | DE | 46 | (9) | (9) | 100 | 99 | 106 | 100 | 101 | 106 |
| 27 | Pilote | DK | 39 | 49 | 51 | 100 | 100 | 101 | 99 | 100 | 99 |
| 28 | Radek | PL | 24 | 31 | 35 | 100 | 99 | 98 | 97 | 98 | 96 |
| 29 | Skytha ^w (d. NORD 17/2415) | DE | 50 | (9) | (9) | 100 | 102 | 103 | 101 | 104 | 104 |
| 30 | Burbon (d. STH 11618) | PL | 46 | (9) | (9) | 100 | 103 | 102 | 99 | 100 | 98 |
| 31 | Mecenas | PL | 42 | 54 | 57 | 100 | 101 | 98 | 99 | 102 | 100 |
| 32 | Mariola | DE | 28 | 32 | (9) | 100 | 102 | 103 | 102 | 103 | 103 |
| 33 | Schiwago (d. NORD 17/2610) | DE | 36 | (9) | (9) | 99 | 103 | 106 | 100 | 105 | 110 |
| 34 | Adwokat | PL | 49 | 56 | (9) | 99 | 102 | 104 | 99 | 103 | 101 |
| 35 | Rezus | PL | 29 | 41 | 52 | 99 | 101 | 99 | 99 | 101 | 99 |
| 36 | Runner | DE | 32 | 56 | 57 | 99 | 99 | 99 | 100 | 98 | 99 |
| 37 | Avatar | PL | 51 | 56 | 57 | 99 | 101 | 100 | 99 | 101 | 100 |
| 38 | KWS Fantex | DE | 41 | 51 | 55 | 98 | 102 | 100 | 100 | 103 | 100 |
| 39 | KWS Vermont | DE | 33 | 36 | 41 | 98 | 100 | 101 | 101 | 105 | 100 |
| 40 | Farmer | PL | 28 | 39 | 40 | 98 | 102 | 99 | 98 | 101 | 97 |
| 41 | Brandon | PL | 25 | 38 | 54 | 98 | 96 | 98 | 97 | 97 | 98 |
| 42 | Ismena | DE | 21 | 34 | 41 | 98 | 99 | 97 | 98 | 101 | 98 |
| 43 | MHR Fajter | PL | 38 | 49 | 56 | 98 | 99 | 102 | 98 | 97 | 99 |
| 44 | Forman | DE | 31 | 52 | 54 | 97 | 98 | 99 | 97 | 99 | 97 |
| 45 | MHR Filar | PL | 34 | 45 | 55 | 97 | 97 | 96 | 94 | 99 | 96 |
| 46 | Pasjonat | PL | 43 | 48 | (9) | 96 | 96 | 99 | 95 | 98 | 104 |
| 47 | MHR Krajan | PL | 30 | 43 | 51 | 95 | 98 | 94 | 96 | 99 | 95 |

cd. tabeli 1

| Lp. | Odmiany | | Liczba doświadczeń | | | Plon ziarna (% wzorca) | | | | | |
|-------------------------|-------------------------|----|--------------------|-----------|-----------|------------------------|-------------|-------------|-----------------------|-------------|-------------|
| | | | | | | poziom a ₁ | | | poziom a ₂ | | |
| | | | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 |
| 1 | 2 | | 3 | | | 4 | | | | | |
| | Wzorzec, dt z ha | | 51 | 56 | 57 | 64,0 | 65,4 | 59,9 | 72,4 | 74,7 | 67,3 |
| cd. typ pastewny | | | | | | | | | | | |
| 48 | Airway | DK | 2 | 24 | 31 | 99 | 98 | | 98 | 97 | |
| 49 | Lupus | PL | 6 | 27 | 51 | 98 | 91 | | 101 | 93 | |
| 50 | Rubaszek | PL | 4 | 23 | 29 | 98 | 98 | | 99 | 96 | |
| 51 | Paustian | DK | 4 | 23 | 40 | 97 | 92 | | 100 | 92 | |
| 52 | Eldorado | PL | 7 | 31 | 51 | 97 | 97 | | 99 | 96 | |
| 53 | Raptus | PL | 6 | 38 | 51 | 95 | 92 | | 98 | 94 | |
| 54 | Basic | FR | 4 | 8 | 11 | | 102 | | | 100 | |
| 55 | Allianz | DE | 3 | 3 | 26 | | 98 | | | 95 | |
| 56 | Ella | FR | 2 | 7 | 27 | | 98 | | | 96 | |
| 57 | KWS Harris | DE | 6 | 8 | 27 | | 97 | | | 96 | |
| 58 | Salome | DE | | | 24 | | 97 | | | 96 | |
| 59 | Polonia Staropolska | PL | 4 | 9 | 28 | | 95 | | | 98 | |
| 60 | KWS Atrika | DE | 8 | 11 | 30 | | 95 | | | 93 | |
| 61 | Soldo | DE | | | 46 | | 95 | | | 96 | |
| 62 | Teksas | PL | 3 | 7 | 39 | | 93 | | | 93 | |
| 63 | Ramzes | PL | | | 24 | | 93 | | | 90 | |
| 64 | Podarek | PL | | 3 | 22 | | 90 | | | 89 | |
| 65 | Kucyk | PL | | | 4 | | | | | | |
| 66 | Oberek | PL | | | 5 | | | | | | |
| 67 | Gawrosz ^{n/} | PL | 2 | 2 | 2 | | | | | | |

Odmiany z Krajowego rejestru niebadane w trzech ostatnich latach:

typ browarny – **Baryłka** (6,90°), **Beatrix** (5,10°), **Blask** (5,55°), **Britney** (5,90°), **Granal** (6,05°), **KWS Orphelia** (6,80°), **Olympic** (6,55°), **Prestige** (5,90°), **RGT Atmosphere** (6,00°), **Xanadu** (6,70°);

typ pastewny – **Atico**, **Argento**, **Hajduczek**, **Iron**, **Nagradowicki**, **Penguin**, **Skald**, **Skarb**.

Wyniki odmian: **Fandaga**, **Esma**, **KWS Dante**, **Accordine**, **Airway**, **Lupus**, **Rubaszek**, **Paustian**, **Eldorado**, **Raptus**, **Basic**, **Allianz**, **Ella**, **KWS Harris**, **Polonia Staropolska**, **KWS Atrika**, **Teksas** i **Gawrosz**, badanych w roku 2021 tylko w nielicznych doświadczeniach wybranych województw przedstawiono wyłącznie w ujęciu rejonowym (tab. 2)

Kol. 1: wzorzec: 2021 – RGT Planet, KWS Jessie, Rekrut, Avatar; 2020, 2019 – RGT Planet, Avatar, Runner; n – odmiana nieoplewiona

Kol. 2: w nawiasie – doświadczenia rejestrowe; ^w – odmiana skreślona z Krajowego rejestru po założeniu doświadczeń

Kol. 3, 4: a₁ – przeciętny poziom agrotechniki; a₂ – wysoki poziom agrotechniki (zwiększone nawożenie azotowe, dolistne preparaty wieloskładnikowe ochrona przed wyleganiem i chorobami)

Tabela 2
JĘCZMIEN JARY. Plon ziarna odmian w rejonach. Rok zbioru 2021

| Lp. | Odmiana | Liczba doświadczeń | | | | | | Plon ziarna (% wzorca) | | | | | | | | | | | |
|-----|-------------------------|--|----------|-----------|-----------|-----------|----------|------------------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|
| | | poziom a ₁ i a ₂ | | | | | | poziom a ₁ | | | | | | poziom a ₂ | | | | | |
| | | I | II | III | IV | V | VI | I | II | III | IV | V | VI | I | II | III | IV | V | VI |
| | Wzorzec, dt z ha | 6 | 6 | 10 | 11 | 11 | 7 | 50,5 | 60,3 | 56,2 | 65,9 | 73,4 | 72,7 | 58,2 | 72,6 | 58,3 | 74,2 | 82,5 | 86,0 |
| 1 | Amidala | 6 | 5 | 5 | 3 | 6 | 4 | 101 | 100 | 100 | 99 | 101 | 107 | 98 | 101 | 101 | 99 | 100 | 100 |
| 2 | Avus | 6 | 4 | 7 | 3 | 7 | 3 | 94 | 103 | 95 | 103 | 104 | 104 | 95 | 102 | 96 | 101 | 103 | 101 |
| 3 | RGT Planet | 6 | 6 | 10 | 11 | 11 | 7 | 96 | 97 | 101 | 99 | 101 | 99 | 102 | 102 | 101 | 100 | 100 | 99 |
| 4 | RGT Kepler | 6 | 6 | 7 | 3 | 10 | 4 | 96 | 101 | 101 | 105 | 97 | 100 | 97 | 99 | 104 | 104 | 101 | 100 |
| 5 | KWS Jessie | 6 | 6 | 10 | 11 | 11 | 7 | 100 | 100 | 96 | 99 | 98 | 102 | 102 | 99 | 97 | 101 | 99 | 103 |
| 6 | RGT Ylesia | 6 | 3 | 5 | 3 | 9 | 4 | 101 | 92 | 95 | 103 | 98 | 104 | 105 | 94 | 100 | 102 | 100 | 104 |
| 7 | Fandaga | | | | | 5 | | | | | | 96 | | | | | | 96 | |
| 8 | Esma | | | | | 4 | | | | | | 101 | | | | | | 97 | |
| 9 | KWS Dante ^w | | | 4 | | | | | | 103 | | | | | | 102 | | | |
| 10 | Accordine | | | 4 | | | | | | 98 | | | | | | 96 | | | |

cd. tabeli 2

| Lp. | Odmiana | Liczba doświadczeń | | | | | | | | | | | | Plon ziarna (% wzorca) | | | | | | | | | | | |
|-----|---------------------|--|----|-----|----|----|----|-----------------------|------|------|------|------|------|------------------------|------|------|------|------|------|--|--|--|--|--|--|
| | | poziom a ₁ i a ₂ | | | | | | poziom a ₁ | | | | | | poziom a ₂ | | | | | | | | | | | |
| | | I | II | III | IV | V | VI | I | II | III | IV | V | VI | I | II | III | IV | V | VI | | | | | | |
| | | 6 | 10 | 11 | 11 | 11 | 7 | 50,5 | 60,3 | 56,2 | 65,9 | 73,4 | 72,7 | 58,2 | 72,6 | 58,3 | 74,2 | 82,5 | 86,0 | | | | | | |
| 11 | Bente | 2 | 3 | 5 | 6 | 10 | 4 | 101 | 102 | 107 | 106 | 107 | 105 | 99 | 104 | 107 | 105 | 107 | 104 | | | | | | |
| 12 | Rekrut | 6 | 6 | 10 | 11 | 11 | 7 | 104 | 106 | 106 | 101 | 102 | 103 | 102 | 100 | 101 | 99 | 102 | 100 | | | | | | |
| 13 | Laser | 6 | 6 | 10 | 11 | 8 | 7 | 103 | 102 | 98 | 105 | 104 | 104 | 102 | 101 | 99 | 101 | 99 | 102 | | | | | | |
| 14 | Etoile | 2 | 2 | 10 | 3 | 7 | 3 | 105 | 93 | 101 | 101 | 108 | 100 | 99 | 93 | 102 | 100 | 105 | 102 | | | | | | |
| 15 | Feedway | 6 | 5 | 10 | 11 | 11 | 7 | 101 | 96 | 97 | 104 | 104 | 104 | 98 | 100 | 101 | 101 | 103 | 104 | | | | | | |
| 16 | Brigitta | 6 | 5 | 8 | 8 | 7 | 6 | 108 | 103 | 102 | 99 | 104 | 98 | 101 | 102 | 99 | 96 | 100 | 93 | | | | | | |
| 17 | Wirtuoz | 6 | 6 | 10 | 11 | 7 | 7 | 96 | 108 | 98 | 103 | 100 | 104 | 95 | 104 | 103 | 103 | 98 | 102 | | | | | | |
| 18 | Trofeum | 6 | 6 | 10 | 8 | 8 | 7 | 98 | 107 | 97 | 101 | 107 | 99 | 98 | 99 | 99 | 98 | 102 | 96 | | | | | | |
| 19 | Jovita | 6 | 5 | 10 | 11 | 8 | 7 | 101 | 97 | 99 | 103 | 102 | 103 | 97 | 98 | 102 | 103 | 104 | 104 | | | | | | |
| 20 | Flair | 6 | 5 | 5 | 11 | 11 | 3 | 99 | 107 | 97 | 103 | 100 | 102 | 98 | 101 | 98 | 101 | 100 | 99 | | | | | | |
| 21 | Poemat | 6 | 6 | 10 | 11 | 8 | 7 | 104 | 103 | 98 | 99 | 101 | 103 | 102 | 102 | 101 | 98 | 103 | 99 | | | | | | |
| 22 | Loxton | 6 | 6 | 10 | 11 | 7 | 6 | 105 | 101 | 99 | 103 | 99 | 97 | 105 | 99 | 100 | 101 | 102 | 95 | | | | | | |
| 23 | Pilote | 6 | 3 | 8 | 8 | 10 | 4 | 100 | 98 | 101 | 99 | 100 | 106 | 97 | 98 | 101 | 98 | 99 | 102 | | | | | | |
| 24 | Radek | 2 | 4 | 2 | 8 | 4 | 4 | 107 | 107 | 89 | 98 | 104 | 98 | 100 | 98 | 95 | 97 | 98 | 96 | | | | | | |
| 25 | Skytha ^w | 6 | 6 | 10 | 11 | 11 | 6 | 104 | 100 | 97 | 100 | 100 | 101 | 102 | 101 | 100 | 100 | 100 | 101 | | | | | | |
| 26 | Burbon | 6 | 4 | 10 | 11 | 8 | 7 | 102 | 96 | 97 | 101 | 102 | 100 | 99 | 99 | 100 | 100 | 99 | 99 | | | | | | |
| 27 | Mecenas | 2 | 4 | 7 | 11 | 11 | 7 | 100 | 99 | 99 | 100 | 101 | 99 | 88 | 97 | 99 | 101 | 100 | 100 | | | | | | |
| 28 | Mariola | 6 | 3 | 5 | 3 | 7 | 4 | 103 | 93 | 101 | 105 | 99 | 102 | 102 | 97 | 103 | 107 | 102 | 104 | | | | | | |
| 29 | Schiwago | 6 | 6 | 7 | 3 | 10 | 4 | 94 | 97 | 94 | 103 | 103 | 106 | 95 | 98 | 98 | 106 | 101 | 102 | | | | | | |
| 30 | Adwokat | 6 | 5 | 10 | 11 | 10 | 7 | 92 | 99 | 100 | 100 | 99 | 103 | 94 | 100 | 102 | 97 | 100 | 101 | | | | | | |
| 31 | Rezus | 2 | 2 | 5 | 9 | 4 | 7 | 95 | 96 | 97 | 99 | 104 | 99 | 93 | 100 | 104 | 99 | 98 | 98 | | | | | | |
| 32 | Runner | 2 | 5 | 7 | 5 | 9 | 4 | 105 | 99 | 98 | 102 | 96 | 100 | 102 | 103 | 100 | 101 | 99 | 101 | | | | | | |
| 33 | Avatar | 6 | 6 | 10 | 11 | 11 | 7 | 100 | 97 | 97 | 101 | 100 | 97 | 94 | 99 | 100 | 100 | 100 | 98 | | | | | | |
| 34 | KWS Fantex | 2 | 2 | 10 | 11 | 10 | 6 | 93 | 95 | 97 | 96 | 101 | 103 | 90 | 105 | 99 | 97 | 101 | 104 | | | | | | |
| 35 | KWS Vermont | 2 | 4 | 8 | 6 | 7 | 6 | 93 | 98 | 96 | 99 | 98 | 103 | 98 | 101 | 100 | 99 | 103 | 104 | | | | | | |
| 36 | Farmer | 2 | 2 | 8 | 8 | 4 | 4 | 96 | 93 | 96 | 98 | 98 | 109 | 94 | 90 | 96 | 99 | 104 | 99 | | | | | | |
| 37 | Brandon | 2 | 2 | 7 | 3 | 7 | 4 | 98 | 101 | 98 | 99 | 95 | 103 | 92 | 99 | 99 | 93 | 99 | 98 | | | | | | |
| 38 | Ismena | 6 | 4 | 2 | 3 | 3 | 3 | 102 | 93 | 87 | 102 | 98 | 104 | 101 | 96 | 97 | 96 | 94 | 101 | | | | | | |
| 39 | MHR Fajter | 2 | 2 | 10 | 8 | 9 | 7 | 97 | 100 | 97 | 101 | 99 | 93 | 95 | 101 | 98 | 101 | 96 | 97 | | | | | | |
| 40 | Forman | 2 | 3 | 7 | 6 | 8 | 5 | 96 | 96 | 97 | 100 | 97 | 96 | 104 | 97 | 100 | 98 | 95 | 96 | | | | | | |
| 41 | MHR Filar | 2 | 2 | 5 | 11 | 7 | 7 | 95 | 105 | 96 | 99 | 96 | 96 | 90 | 100 | 98 | 93 | 96 | 92 | | | | | | |
| 42 | Pasjonat | 6 | 5 | 8 | 11 | 8 | 5 | 93 | 96 | 99 | 94 | 101 | 92 | 91 | 93 | 103 | 92 | 100 | 89 | | | | | | |
| 43 | MHR Krajani | 6 | 4 | 7 | 3 | 7 | 3 | 96 | 101 | 92 | 98 | 91 | 101 | 93 | 98 | 97 | 95 | 94 | 97 | | | | | | |

cd. tabeli 2

| Lp. | Odmiana | Liczba doświadczeń | | | | | | Plon ziarna (% wzorca) | | | | | | | | | | | |
|------------------|---------------------|--|----|-----|----|----|----|------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | | I | II | III | IV | V | VI | I | II | III | IV | V | VI | | | | | | |
| | | poziom a ₁ i a ₂ | | | | | | poziom a ₂ | | | | | | | | | | | |
| 1 | | 2 | | | | | | 3 | | | | | | 4 | | | | | |
| Wzorzec, dt z ha | | 6 | 6 | 10 | 11 | 11 | 7 | 50,5 | 60,3 | 56,2 | 65,9 | 73,4 | 72,7 | 58,2 | 72,6 | 58,3 | 74,2 | 82,5 | 86,0 |
| 44 | Airway | | | 2 | | | | | | 84 | | | | | | 92 | | | |
| 45 | Lupus | | | 6 | | | | | | 91 | | | | | | 97 | | | |
| 46 | Rubaszek | | | | 4 | | | | | 98 | | | | | | 97 | | | |
| 47 | Paustian | | | | 4 | | | | | 105 | | | | | | 98 | | | |
| 48 | Eldorado | 5 | | | | | 2 | 90 | | | | 101 | | 91 | | | | | 106 |
| 49 | Raptus | 1 | | | | | 5 | 92 | | | 99 | | | 92 | | | | | 102 |
| 50 | Basic | | | | | 4 | | | | 92 | | | | | | 95 | | | |
| 51 | Allianz | | | | | | 3 | | | | | 97 | | | | | | | 101 |
| 52 | Ella | | | | | | 2 | | | | | 86 | | | | | | | 95 |
| 53 | KWS Harris | | | | | 2 | 4 | | | 95 | 96 | | | | 101 | | | | 100 |
| 54 | Polonia Staropolska | | | | | 4 | | | | 102 | | | | | 104 | | | | |
| 55 | KWS Atrika | | | | | 4 | 4 | | | 95 | 98 | | | | 90 | | | | 100 |
| 56 | Teksas | | | | | | 3 | | | 93 | | | | | | | | | 92 |
| 57 | Gawrosz | | | | | | 2 | | | 75 | | | | | | | | | 72 |

Kol. 1: wzorzec – RGT Planet, KWS Jessie, Rekrut, Avatar

Rejony: I – zachodniopomorskie, pomorskie

II – warmińsko-mazurskie, podlaskie

III – lubuskie, wielkopolskie, kujawsko-pomorskie

IV – łódzkie, mazowieckie, lubelskie

V – dolnośląskie, opolskie, śląskie

VI – małopolskie, świętokrzyskie, podkarpackie

Tabela 3
OWIES ZWYCZAJNY I NAGI. Plon ziarna odmian. Lata zbioru: 2021, 2020, 2019

| Lp. | Odmiany | | Liczba doświadczeń | | | Plon ziarna (% wzorca) | | |
|-------------------------|-----------------------|-----------|--------------------|-----------|-------------|------------------------|-------------|------|
| | | | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 |
| 1 | | 2 | | | 3 | | | |
| Wzorzec, dt z ha | | 41 | 44 | 43 | 58,5 | 71,2 | 57,9 | |
| owies zwyczajny | | | | | | | | |
| - nizinne | | | | | | | | |
| 1 | Rambo | PL | 41 | 44 | (8) | 105 | 101 | 110 |
| 2 | Poker | PL | 35 | 38 | (8) | 104 | 97 | 105 |
| 3 | Wulkan (d. STH 11917) | PL | 40 | (9) | (8) | 103 | 100 | 98 |
| 4 | Figaro | PL | 37 | 40 | 43 | 103 | 98 | 103 |
| 5 | Gepard (d. STH 12318) | PL | 40 | (9) | (8) | 102 | 105 | 101 |
| 6 | Panteon | DE | 33 | 41 | (8) | 102 | 92 | 104 |
| 7 | Refleks | PL | 37 | 37 | 39 | 101 | 100 | 102 |
| 8 | Perun | DE | 33 | 43 | 42 | 101 | 93 | 104 |
| 9 | Komfort | PL | 24 | 30 | 38 | 100 | 99 | 99 |
| 10 | Armani | DE | 25 | 27 | 29 | 100 | 96 | 102 |
| 11 | Huzar | PL | 34 | 44 | (8) | 100 | 89 | 105 |
| 12 | Lion | DE | 34 | 42 | 43 | 99 | 93 | 98 |
| 13 | Agent | PL | 41 | 44 | 43 | 98 | 100 | 101 |
| 14 | Pablo | PL | 36 | 40 | 43 | 98 | 98 | 102 |
| 15 | Bingo | PL | 35 | 41 | 43 | 98 | 98 | 99 |
| 16 | Romulus | PL | 21 | 26 | 30 | 98 | 91 | 100 |
| 17 | Kozak | PL | 41 | 44 | 43 | 97 | 99 | 100 |
| 18 | AMonsun | DE | 31 | 32 | 34 | 97 | 95 | 100 |
| 19 | Harnaś | PL | 30 | 32 | 33 | 96 | 94 | 98 |
| 20 | Alfa | DE | 20 | | (8) | 94 | | 105 |
| 21 | Paskal | PL | 2 | 17 | 2 | | 94 | |
| 22 | Arkan | PL | 8 | 27 | 34 | | 92 | 99 |
| 23 | Elegant | PL | 5 | 22 | 28 | | 92 | 97 |
| 24 | Nawigator | PL | 6 | 23 | 31 | | 92 | 95 |
| 25 | Breton | PL | | 7 | 10 | | | 100 |
| 26 | Zuch | PL | 2 | 3 | 6 | | | |
| 27 | Krezus | PL | 2 | 3 | 3 | | | |
| 28 | Arden | PL | 2 | 3 | 3 | | | |
| 29 | Gniady ^{br/} | PL | 2 | 2 | 1 | | | |
| owies nagi | | | | | | | | |
| - nizinne | | | | | | | | |
| 30 | Siwek | PL | 20 | 22 | 21 | 70 | 78 | 70 |
| 31 | MHR Harem | PL | 32 | 35 | (8) | 68 | 74 | 63 |
| 32 | Amant | PL | 8 | 27 | 26 | | 63 | 69 |
| 33 | Nagus | PL | 5 | (6) | 22 | | | 68 |

Odmiany z Krajowego rejestru niebadane w trzech ostatnich latach: **Arab, Berdysz, Kasztan**;
Wyniki odmian: **Paskal, Arkan, Nawigator, Elegant, Breton, Zuch, Krezus, Arden, Gniady, Amant, Nagus**,
badanych w roku 2021 tylko w nielicznych doświadczeniach wybranych województw przedstawiono wyłącznie
w ujęciu rejonowym (tab. 4).

Kol. 1: wzorzec: 2021, 2020 – Rambo, Agent, Kozak; 2019 – Agent, Kozak, Bingo;

^{br/} – odmiana o brązowej barwie plewki, pozostałe odmiany o żółtej barwie plewki

Kol. 2: w nawiasie – doświadczenia rejestrowe

Tabela 4
OWIES ZWYCZAJNY I NAGI. Plon ziarna odmian w rejonach. Rok zbioru 2021

| Lp. | Odmiana | Liczba doświadczeń | | | | | | Plon ziarna (% wzorca) | | | | | | |
|-----|-------------------------|------------------------|----------|----------|----------|-----------|----------|------------------------|-------------|-------------|-------------|-------------|-------------|--|
| | | I | II | III | IV | V | VI | I | II | III | IV | V | VI | |
| | | 2 | | | | | | 3 | | | | | | |
| | Wzorzec, dt z ha | 4 | 5 | 8 | 7 | 11 | 6 | 38,8 | 63,3 | 53,2 | 58,4 | 67,2 | 58,7 | |
| | | owies zwyczajny | | | | | | | | | | | | |
| 1 | Rambo | 4 | 5 | 8 | 7 | 11 | 6 | 110 | 105 | 102 | 105 | 106 | 104 | |
| 2 | Poker | 3 | 2 | 8 | 7 | 9 | 6 | 104 | 104 | 105 | 101 | 107 | 99 | |
| 3 | Wulkan (d. STH 11917) | 3 | 5 | 8 | 7 | 11 | 6 | 94 | 102 | 102 | 101 | 107 | 102 | |
| 4 | Figaro | 3 | 5 | 5 | 7 | 11 | 6 | 99 | 101 | 97 | 101 | 107 | 103 | |
| 5 | Gepard (d. STH 12318) | 3 | 5 | 8 | 7 | 11 | 6 | 98 | 107 | 99 | 106 | 103 | 95 | |
| 6 | Panteon | 4 | 2 | 8 | 7 | 9 | 3 | 104 | 94 | 106 | 101 | 103 | 101 | |
| 7 | Refleks | 4 | 3 | 8 | 7 | 9 | 6 | 97 | 101 | 101 | 100 | 101 | 103 | |
| 8 | Perun | 3 | 3 | 8 | 4 | 11 | 4 | 95 | 93 | 102 | 103 | 104 | 97 | |
| 9 | Komfort | 3 | 4 | 4 | 4 | 5 | 4 | 93 | 96 | 101 | 104 | 98 | 101 | |
| 10 | Armani | 2 | 3 | 4 | 4 | 9 | 3 | 92 | 97 | 98 | 105 | 101 | 101 | |
| 11 | Huzar | 4 | 2 | 7 | 7 | 11 | 3 | 100 | 106 | 104 | 100 | 98 | 95 | |
| 12 | Lion | 3 | 2 | 8 | 5 | 11 | 5 | 88 | 93 | 99 | 103 | 100 | 100 | |
| 13 | Agent | 4 | 5 | 8 | 7 | 11 | 6 | 93 | 97 | 100 | 96 | 98 | 99 | |
| 14 | Pablo | 3 | 4 | 5 | 7 | 11 | 6 | 93 | 94 | 100 | 99 | 99 | 98 | |
| 15 | Bingo | 3 | 5 | 5 | 6 | 11 | 5 | 96 | 96 | 99 | 96 | 100 | 97 | |
| 16 | Romulus | 2 | 4 | 5 | 4 | 3 | 3 | 101 | 93 | 101 | 103 | 89 | 95 | |
| 17 | Kozak | 4 | 5 | 8 | 7 | 11 | 6 | 97 | 97 | 98 | 100 | 96 | 97 | |
| 18 | Monsun | 2 | 3 | 7 | 5 | 9 | 5 | 96 | 96 | 98 | 94 | 100 | 98 | |
| 19 | Harnaś | 2 | 5 | 2 | 5 | 11 | 5 | 96 | 94 | 99 | 95 | 99 | 92 | |
| 20 | Alfa | 2 | 4 | 4 | 4 | 3 | 3 | 86 | 90 | 93 | 98 | 94 | 93 | |
| 21 | Paskal | | | | | | | 2 | | | | | | |
| 22 | Arkan | | | | 3 | | | | | | 98 | | | |
| 23 | Elegant | | | 2 | 3 | | | | | | 91 | | | |
| 24 | Nawigator | | | | 3 | 3 | | | | | | 94 | 106 | |
| 25 | Zuch | | | | | | | 2 | | | | | | |
| 26 | Krezus | 2 | | | | | | 103 | | | | | | |
| 27 | Arden | 2 | | | | | | 95 | | | | | | |
| 28 | Gniady ^{br/} | 2 | | | | | | 88 | | | | | | |
| | | owies nagi | | | | | | | | | | | | |
| 29 | Siwek | 2 | 4 | 4 | 4 | 3 | 3 | 73 | 70 | 71 | 68 | 68 | 67 | |
| 30 | MHR Harem | 3 | 4 | 5 | 6 | 9 | 5 | 66 | 73 | 69 | 65 | 69 | 66 | |
| 31 | Amant | | | 2 | 3 | | | | | | 84 | 80 | 65 | |
| 32 | Nagus | 5 | | | | | | 66 | | | | | | |

Kol. 1: wzorzec: Rambo, Agent, Kozak;

^{br/} – odmiana o brązowej barwie plewki, pozostałe odmiany o żółtej barwie plewki

Rejony:

I – zachodniopomorskie, pomorskie

II – warmińsko-mazurskie, podlaskie

III – lubuskie, wielkopolskie, kujawsko-pomorskie

IV – łódzkie, mazowieckie, lubelskie

V – dolnośląskie, opolskie, śląskie

VI – małopolskie, świętokrzyskie, podkarpackie

Tabela 5
PSZENICA ZWYCZAJNA JARA. Plon ziarna odmian.
Lata zbioru: 2021, 2020, 2019

| Lp. | Odmiany | Wartość technologiczna | Liczba doświadczeń | | | Plon ziarna (% wzorca) | | | | | |
|-----|---|------------------------|--------------------|-----------|-----------|------------------------|-------------|-------------|-----------------------|-------------|-------------|
| | | | | | | poziom a ₁ | | | poziom a ₂ | | |
| | | | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 |
| 1 | | 2 | 3 | | | 4 | | | 5 | | |
| | Wzorzec, dt z ha | | 51 | 54 | 53 | 61,1 | 62,4 | 54,3 | 69,3 | 71,7 | 61,8 |
| 1 | Merkawa PL | A | 45 | 49 | 52 | 104 | 105 | 102 | 103 | 105 | 103 |
| 2 | WPB Pebbles ^o (d. WPB 14SD325-08) NL | | 51 | (9) | (8) | 104 | 111 | 105 | 104 | 111 | 111 |
| 3 | WPB Troy NL | | 50 | 54 | (8) | 102 | 107 | 107 | 100 | 106 | 109 |
| 4 | Itaka (d. DC 13414-5) PL | | 50 | (9) | (8) | 101 | 105 | 104 | 100 | 103 | 105 |
| 5 | SU Ahab DE | | 48 | 54 | (8) | 101 | 99 | 106 | 99 | 99 | 109 |
| 6 | Goplana PL | | 44 | 52 | 53 | 100 | 101 | 103 | 99 | 101 | 103 |
| 7 | KWS Dorium (d. KW 360-2-17) DE | | 50 | (9) | (8) | 100 | 114 | 104 | 101 | 110 | 108 |
| 8 | Aura PL | | 46 | 49 | (8) | 99 | 106 | 99 | 100 | 106 | 102 |
| 9 | Mandaryna PL | | 23 | 24 | 25 | 99 | 106 | 101 | 99 | 106 | 101 |
| 10 | Fama PL | | 43 | 49 | (8) | 98 | 96 | 101 | 97 | 97 | 102 |
| 11 | Rusałka PL | | 38 | 42 | 48 | 98 | 101 | 96 | 100 | 102 | 101 |
| 12 | Werwa (d. SMJ 4818) PL | | 45 | (9) | (8) | 98 | 103 | 102 | 99 | 98 | 105 |
| 13 | WPB Francis (d. WPB 12SW445-03) NL | | 45 | (9) | (8) | 98 | 104 | 102 | 99 | 106 | 103 |
| 14 | Anakonda PL | | 41 | 54 | (8) | 97 | 97 | 104 | 98 | 98 | 105 |
| 15 | Etolia (d. DC 386/15) PL | | 45 | (9) | (8) | 97 | 104 | 102 | 97 | 103 | 104 |
| 16 | Mantra (d. KOH 6518) PL | | 45 | (9) | | 97 | 101 | 105 | 97 | 102 | 108 |
| 17 | Jarlanka PL | | 51 | 54 | 53 | 96 | 97 | 100 | 96 | 98 | 100 |
| 18 | MHR Jutrzenka PL | | 34 | 42 | 48 | 96 | 103 | 100 | 96 | 102 | 100 |
| 19 | Varius DE | | 29 | 33 | 36 | 96 | 103 | 95 | 97 | 103 | 97 |
| 20 | Akcja PL | | 45 | 51 | (8) | 95 | 98 | 101 | 95 | 98 | 102 |
| 21 | Atrakcja PL | | 39 | 43 | 53 | 95 | 108 | 99 | 97 | 108 | 100 |
| 22 | Gratka PL | | 29 | 50 | 53 | 95 | 95 | 100 | 95 | 98 | 100 |
| 23 | Tybalt NL | | 23 | 31 | 53 | 94 | 97 | 97 | 95 | 99 | 98 |
| 24 | Eskadra PL | | 28 | 45 | 48 | 92 | 94 | 98 | 93 | 97 | 100 |
| 25 | WPB Skye NL | | 3 | 26 | 25 | | 96 | 99 | | 96 | 101 |
| 26 | Fala PL | | 4 | 37 | 49 | | 95 | 97 | | 95 | 97 |
| 27 | Nimfa PL | | 3 | 43 | 48 | | 95 | 95 | | 95 | 96 |
| 28 | KWS Sunny UK | | 5 | 16 | 49 | | | 96 | | | 97 |
| 29 | Arabella PL | | 10 | 10 | 9 | | | | | | |
| 30 | Ostka Smolicka ^o PL | | 2 | 2 | 12 | | | | | | |
| 31 | KWS Torridon UK | | | | 5 | | | | | | |
| 32 | Serenada PL | | | | 3 | | | | | | |
| 33 | Alibi PL | B | 40 | 48 | 47 | 102 | 104 | 104 | 102 | 104 | 103 |
| 34 | Harenda PL | | 51 | 54 | 53 | 100 | 106 | 103 | 100 | 104 | 101 |
| 35 | Frajda PL | | 34 | 41 | 48 | 98 | 102 | 99 | 101 | 103 | 100 |
| 36 | Syntia (d. STH 1218) PL | | 45 | (9) | (8) | 97 | 104 | 103 | 98 | 103 | 105 |

Odmiany pszenicy zwyczajnej z Krajowego rejestru niebadane w trzech ostatnich latach: **Griwa (A)**, **Izera (A)**, **Kandela (A)**, **Katoda (A)**, **Monsun (A)**, **Struna (A)**, **Zadra (B)**.

Wyniki odmian: **KWS Skye**, **Fala**, **Nimfa**, **KWS Sunny**, **Arabella** oraz **Ostka Smolicka** badanych w roku 2021 tylko w nielicznych doświadczeniach wybranych województw przedstawiono wyłącznie w ujęciu rejonowym (tab. 6).

Kol. 1: wzorzec: 2021 – WPB Pebbles, Jarlanka, Harenda; 2020 – Anakonda, Jarlanka, Harenda; 2019 – Jarlanka, Tybalt, Harenda; ^o – odmiana o kłosie ościstym

Kol. 2: A – jakościowa odmiana chlebowa, B – odmiana chlebowa

Kol. 3: w nawiasie – doświadczenia rejestrowe

Kol. 4,5: a₁ – przeciętny poziom agrotechniki

a₂ – wysoki poziom agrotechniki (zwiększone nawożenie azotowe, dolistne preparaty wieloskładnikowe, ochrona przed wyleganiem i chorobami)

Tabela 6
PSZENICA ZWYCZAJNA JARA. Plon ziarna odmian w rejonach. Rok zbioru 2021

| Lp. | Odmiany | War- tość tech- nolo- giczna | Liczba doświadczeń | | | | | | Plon ziarna (% wzorca) | | | | | | | | | | | |
|-----|---------------------------|--|--|----|-----|-----------------------|----|----|------------------------|------|------|-----------------------|------|------|------|------|------|------|------|------|
| | | | poziom a ₁ i a ₂ | | | poziom a ₁ | | | poziom a ₂ | | | poziom a ₂ | | | | | | | | |
| | | | I | II | III | IV | V | VI | I | II | III | IV | V | VI | I | II | III | IV | V | VI |
| | | | 5 | 5 | 10 | 10 | 13 | 8 | 45,8 | 60,3 | 56,0 | 60,5 | 71,4 | 61,9 | 52,9 | 71,5 | 62,3 | 67,4 | 81,2 | 70,2 |
| 1 | Merkawa | | 3 | 3 | 8 | 10 | 13 | 8 | 100 | 110 | 101 | 102 | 104 | 106 | 101 | 107 | 102 | 102 | 103 | 107 |
| 2 | WPB Pebbles ^{o/} | | 5 | 5 | 10 | 10 | 13 | 8 | 104 | 105 | 104 | 103 | 105 | 102 | 105 | 106 | 105 | 100 | 105 | 103 |
| 3 | WPB Troy | | 5 | 5 | 10 | 10 | 13 | 7 | 99 | 99 | 104 | 95 | 104 | 108 | 93 | 97 | 102 | 99 | 99 | 106 |
| 4 | Itaka | | 4 | 5 | 10 | 10 | 13 | 8 | 103 | 103 | 95 | 101 | 99 | 106 | 99 | 101 | 96 | 101 | 99 | 106 |
| 5 | SU Ahab | | 5 | 3 | 10 | 10 | 13 | 7 | 103 | 100 | 95 | 100 | 100 | 109 | 101 | 98 | 94 | 102 | 98 | 104 |
| 6 | Goplana | | 5 | 4 | 8 | 10 | 11 | 6 | 100 | 100 | 106 | 102 | 97 | 96 | 100 | 100 | 100 | 99 | 98 | 100 |
| 7 | KWS Dorium | | 4 | 5 | 10 | 10 | 13 | 8 | 100 | 95 | 97 | 105 | 99 | 104 | 96 | 94 | 100 | 106 | 101 | 104 |
| 8 | Aura | | 5 | 5 | 10 | 10 | 8 | 8 | 101 | 95 | 101 | 96 | 100 | 100 | 97 | 96 | 101 | 100 | 102 | 102 |
| 9 | Mandaryna | | 2 | 3 | 7 | 3 | 3 | 5 | 97 | 102 | 101 | 94 | 91 | 102 | 96 | 97 | 99 | 99 | 92 | 103 |
| 10 | Fama | | 5 | 4 | 10 | 10 | 8 | 6 | 102 | 91 | 101 | 96 | 99 | 95 | 99 | 93 | 100 | 97 | 97 | 96 |
| 11 | Rusałka | A | 2 | 4 | 10 | 7 | 8 | 7 | 94 | 108 | 96 | 97 | 95 | 103 | 99 | 105 | 95 | 100 | 99 | 104 |
| 12 | Werwa | | 4 | 5 | 10 | 10 | 8 | 8 | 99 | 102 | 97 | 97 | 97 | 98 | 98 | 102 | 99 | 98 | 97 | 102 |
| 13 | WPB Francis | | 4 | 5 | 10 | 10 | 8 | 8 | 108 | 96 | 96 | 94 | 101 | 100 | 106 | 100 | 97 | 101 | 93 | 103 |
| 14 | Anakonda | | 3 | 4 | 10 | 5 | 13 | 6 | 106 | 95 | 100 | 94 | 95 | 96 | 108 | 93 | 100 | 98 | 96 | 98 |
| 15 | Etolia | | 4 | 5 | 10 | 10 | 8 | 8 | 92 | 98 | 95 | 97 | 98 | 99 | 93 | 99 | 95 | 97 | 95 | 101 |
| 16 | Mantra | | 4 | 5 | 10 | 10 | 8 | 8 | 99 | 96 | 95 | 97 | 96 | 100 | 98 | 95 | 94 | 97 | 98 | 98 |
| 17 | Jarlanka | | 5 | 5 | 10 | 10 | 13 | 8 | 99 | 93 | 99 | 95 | 95 | 98 | 98 | 93 | 99 | 95 | 95 | 99 |
| 18 | MHR Jutrzenka | | 3 | 4 | 3 | 3 | 13 | 8 | 98 | 94 | 96 | 90 | 96 | 97 | 103 | 92 | 97 | 94 | 95 | 99 |
| 19 | Varius | | 2 | 2 | 5 | 3 | 13 | 4 | 94 | 96 | 86 | 93 | 97 | 100 | 105 | 95 | 86 | 97 | 98 | 102 |
| 20 | Akcja | | 5 | 4 | 7 | 10 | 13 | 6 | 99 | 96 | 85 | 95 | 97 | 100 | 99 | 95 | 85 | 94 | 96 | 103 |
| 21 | Atrakcja | | 4 | 4 | 7 | 8 | 8 | 8 | 95 | 96 | 98 | 91 | 93 | 99 | 94 | 98 | 96 | 97 | 93 | 102 |
| 22 | Gratka | | 4 | 4 | 5 | 7 | 6 | 3 | 95 | 89 | 103 | 92 | 94 | 99 | 94 | 88 | 95 | 96 | 95 | 102 |
| 23 | Tybałt | | 3 | 3 | 6 | 3 | 5 | 3 | 96 | 88 | 92 | 93 | 93 | 102 | 98 | 90 | 95 | 96 | 92 | 102 |

cd. tabeli 6

| Lp. | Odmiany | War- tość tech- nolo- giczna | Liczba doświadczeń | | | | | | Plon ziarna (% wzorca) | | | | | | | | | | | |
|-----|------------------------------|--|--|----------|-----------|-----------|-----------|----------|------------------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|
| | | | poziom a ₁ i a ₂ | | | | | | poziom a ₁ | | | | | | poziom a ₂ | | | | | |
| | | | I | II | III | IV | V | VI | I | II | III | IV | V | VI | I | II | III | IV | V | VI |
| | | | 3 | | | | | | 4 | | | | | | 5 | | | | | |
| | Wzorzec, dt z ha | | 5 | 5 | 10 | 10 | 13 | 8 | 45,8 | 60,3 | 56,0 | 60,5 | 71,4 | 61,9 | 52,9 | 71,5 | 62,3 | 67,4 | 81,2 | 70,2 |
| 24 | Eskadra | | 5 | 4 | 3 | 5 | 6 | 5 | 96 | 89 | 91 | 90 | 94 | 92 | 96 | 91 | 93 | 94 | 95 | 91 |
| 25 | WPB Skye | | 3 | | | | | | 101 | | | | | | 91 | | | | | |
| 26 | Fala | A | 4 | | | | | | 97 | | | | | | 95 | | | | | |
| 27 | Nimfa | | 3 | | | | | | 105 | | | | | | 95 | | | | | |
| 28 | KWS Sunny | | 2 | | | | | | 93 | | | | | | 96 | | | | | |
| 29 | Arabella | | 4 | | | | | | 99 | | | | | | 99 | | | | | |
| 30 | Ostka Smolicka ^{o/} | | 2 | | | | | | 98 | | | | | | 99 | | | | | |
| 31 | Alibi | | 3 | 3 | 10 | 10 | 6 | 8 | 96 | 108 | 103 | 103 | 103 | 104 | 99 | 105 | 104 | 102 | 97 | 106 |
| 32 | Harenda | B | 5 | 5 | 10 | 10 | 13 | 8 | 96 | 102 | 97 | 102 | 100 | 101 | 97 | 101 | 96 | 104 | 99 | 98 |
| 33 | Frajda | | 5 | 4 | 7 | 5 | 10 | 3 | 93 | 104 | 98 | 98 | 95 | 104 | 96 | 103 | 98 | 100 | 100 | 106 |
| 34 | Syntia | | 4 | 5 | 10 | 10 | 8 | 8 | 100 | 96 | 95 | 96 | 96 | 102 | 98 | 95 | 98 | 99 | 95 | 103 |

Kol. 1: wzorzec – WPB Pebbles, Jarlanka, Harenda; ° – odmiana o kłosie ościstym

Rejony: I – zachodniopomorskie, pomorskie

II – warmińsko-mazurskie, podlaskie

III – lubuskie, wielkopolskie, kujawsko-pomorskie

IV – łódzkie, mazowieckie, lubelskie

V – dolnośląskie, opolskie, śląskie

VI – małopolskie, świętokrzyskie, podkarpackie

Tabela 7
PSZENŻYTO JARE i ŻYTO JARE. Plon ziarna odmian.
Lata zbioru: 2021, 2020, 2019

| Lp. | Odmiana | | Liczba doświadczeń | | | Plon ziarna (% wzorca) | | | | | |
|-----------------------|---------------------------|----|--------------------|-----------|-----------|------------------------|-------------|-------------|-----------------------|-------------|-------------|
| | | | | | | poziom a ₁ | | | poziom a ₂ | | |
| | | | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 | 2021 | 2020 | 2019 |
| 1 | | 2 | | | 3 | | | 4 | | | |
| | Wzorzec, dt z ha | | 27 | 29 | 28 | 61,1 | 64,1 | 58,4 | 66,1 | 70,2 | 63,1 |
| pszenżyto jare | | | | | | | | | | | |
| 1 | Impetus | PL | 27 | 29 | (9) | 103 | 98 | 104 | 104 | 98 | 103 |
| 2 | Sopot | PL | 14 | 18 | 28 | 101 | 101 | 97 | 103 | 100 | 98 |
| 3 | Mamut | PL | 27 | 29 | 28 | 100 | 105 | 103 | 99 | 104 | 101 |
| 4 | Santos | PL | 26 | 28 | 28 | 100 | 98 | 100 | 104 | 98 | 102 |
| 5 | Kompan (d. STH 317) | PL | 26 | (9) | (9) | 99 | 103 | 100 | 99 | 102 | 98 |
| 6 | Mazur | PL | 14 | 16 | 20 | 99 | 97 | 96 | 99 | 95 | 97 |
| 7 | Hugo | PL | 27 | 29 | 28 | 98 | 97 | 105 | 100 | 98 | 105 |
| 8 | Dublet | PL | 15 | 18 | 17 | 97 | 95 | 102 | 99 | 96 | 105 |
| 9 | Odys | PL | 27 | 29 | 28 | 97 | 97 | 100 | 97 | 98 | 101 |
| 10 | Erwin | PL | 17 | 24 | 26 | 96 | 98 | 96 | 95 | 97 | 95 |
| 11 | Gucio | PL | 27 | 29 | (9) | 95 | 96 | 101 | 96 | 96 | 101 |
| 12 | Andrus | PL | | | 3 | | | | | | |
| 13 | Milewo | PL | 5 | 9 | 9 | | | | | | |
| 14 | Milkaro | PL | | 3 | 3 | | | | | | |
| żyto jare | | | | | | | | | | | |
| 15 | Bojko | PL | 2 | 2 | 2 | | | | | | |
| 16 | SM Ananke | PL | 2 | 2 | | | | | | | |
| 17 | SM Elara | PL | 2 | 2 | | | | | | | |
| 18 | SM Fobos (d. HRSM 228) | PL | 5 | | | | | | | | |

Odmiany z Krajowego rejestru niebadane w trzech ostatnich latach: **Nagano, Puzon**

Wyniki odmian pszenżyta **Milewo** i żyta **SM Fobos, Bojko, SM Ananke, SM Elara** badanych w roku 2021 tylko w nielicznych doświadczeniach wybranych województw przedstawiono wyłącznie w ujęciu rejonowym (tab. 8).

Kol. 1: wzorzec: 2021, 2020 – Impetus, Mamut, Odys; 2019 – Sopot, Mamut, Odys;
 PL – kraj wyhodowania odmiany

Kol. 3,4: a₁ – przeciętny poziom agrotechniki
 a₂ – wysoki poziom agrotechniki (ochrona przed chorobami oraz dolistne preparaty wieloskładnikowe)

Tabela 8
PSZENŻYTO JARE i ŻYTO JARE. Plon ziarna odmian w rejonach. Rok zbioru 2021

| Lp. | Odmiana | Liczba doświadczeń | | | | | | Plon ziarna (% wzorca) | | | | | | | | | | | |
|-----|-------------------------|--|----------|----------|----------|----------|----------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | I | II | III | IV | V | VI | I | II | III | IV | V | VI | | | | | | |
| | | poziom a ₁ i a ₂ | | | | | | poziom a ₂ | | | | | | | | | | | |
| 1 | | 2 | | 3 | | 4 | | | | | | | | | | | | | |
| | Wzorzec, dt z ha | 4 | 3 | 6 | 7 | 6 | 1 | 50,1 | 62,8 | 55,3 | 59,4 | 74,6 | 66,4 | 53,6 | 70,3 | 58,9 | 65,2 | 80,1 | 69,7 |
| | | pszenżyto jare | | | | | | | | | | | | | | | | | |
| 1 | Impetus | 4 | 3 | 6 | 7 | 6 | 1 | 102 | 104 | 103 | 104 | 101 | 100 | 105 | 105 | 104 | 105 | 102 | 101 |
| 2 | Sopot | 3 | 3 | 3 | 2 | 2 | 1 | 102 | 105 | 94 | 100 | 104 | 102 | 105 | 103 | 92 | 107 | 110 | 106 |
| 3 | Mamut | 4 | 3 | 6 | 7 | 6 | 1 | 104 | 101 | 94 | 99 | 103 | 102 | 101 | 99 | 95 | 99 | 101 | 99 |
| 4 | Santos | 3 | 3 | 6 | 7 | 6 | 1 | 104 | 99 | 103 | 104 | 92 | 102 | 109 | 103 | 105 | 108 | 99 | 107 |
| 5 | Kompan | 3 | 3 | 6 | 7 | 6 | 1 | 104 | 103 | 94 | 98 | 102 | 95 | 103 | 103 | 97 | 98 | 99 | 99 |
| 6 | Mazur | 3 | 1 | 1 | 2 | 6 | 1 | 96 | 95 | 90 | 95 | 99 | 104 | 100 | 88 | 86 | 100 | 100 | 102 |
| 7 | Hugo | 4 | 3 | 6 | 7 | 6 | 1 | 109 | 100 | 95 | 99 | 94 | 105 | 112 | 101 | 94 | 100 | 99 | 106 |
| 8 | Dublet | 3 | 1 | 4 | 2 | 4 | 1 | 106 | 89 | 102 | 96 | 92 | 90 | 108 | 90 | 100 | 97 | 98 | 99 |
| 9 | Odys | 4 | 3 | 6 | 7 | 6 | 1 | 94 | 96 | 103 | 97 | 96 | 97 | 94 | 96 | 100 | 96 | 96 | 100 |
| 10 | Erwin | 3 | 3 | 4 | 2 | 4 | 1 | 99 | 99 | 94 | 98 | 94 | 98 | 100 | 99 | 92 | 101 | 90 | 94 |
| 11 | Gucio | 4 | 3 | 6 | 7 | 6 | 1 | 100 | 99 | 94 | 100 | 90 | 86 | 105 | 97 | 93 | 100 | 93 | 89 |
| 12 | Milewo | 2 | 3 | | | | | 84 | 85 | | | | | 90 | | 90 | | | |
| | | żyto jare | | | | | | | | | | | | | | | | | |
| 13 | Bojko | | | | | | | | 50 | | | | | | 55 | | | | |
| 14 | SM Ananke | | | | | | | | 59 | | | | | | 60 | | | | |
| 15 | SM Elara | | | | | | | | 61 | | | | | | 62 | | | | |
| 16 | SM Fobos | | | | | | | | 60 | | | | | | 63 | | | | |

Kol. 1: wzorzec – Impetus, Mamut, Odys

Rejony:

I – zachodniopomorskie, pomorskie

II – warmińsko-mazurskie, podlaskie

III – lubuskie, wielkopolskie, kujawsko-pomorskie

IV – łódzkie, mazowieckie, lubelskie

V – dolnośląskie, opolskie, śląskie

VI – małopolskie, świętokrzyskie, podkarpackie