

**Tab. 1. Pszenica ozima. Przedplon rzepak ozimy, optymalny termin siewu.  
Plon ziarna przy 14% wilgotności (% wzorca) na dwóch poziomach agrotechniki.  
Województwo polskie. Lata zbioru 2018, 2016-2018.**

| L.p.                      | Odmiana               | Poziom a <sub>1</sub> |             |             |             |             | Poziom a <sub>2</sub> |              |             |             |             |
|---------------------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|-----------------------|--------------|-------------|-------------|-------------|
|                           |                       | 2018                  | 2017        | 2016        | 2017-2018   | 2016-2018   | 2018                  | 2017         | 2016        | 2017-2018   | 2016-2018   |
| <b>Wzorzec dt/ha</b>      |                       | <b>78,6</b>           | <b>85,4</b> | <b>79,9</b> | <b>82,0</b> | <b>81,3</b> | <b>93,3</b>           | <b>106,6</b> | <b>90,6</b> | <b>99,9</b> | <b>96,8</b> |
| 1                         | Patras LOZ            | 101                   | 108         | 92          | 105         | 100         | 104                   | 106          | 97          | 105         | 102         |
| 2                         | Artist LOZ            | 105                   | 101         | 105         | 103         | 104         | 112                   | 103          | 104         | 108         | 107         |
| 3                         | RGT Kilimanjaro LOZ   | 104                   | 103         | 92          | 104         | 100         | 104                   | 106          | 102         | 105         | 104         |
| 4                         | Formacja              | 101                   | -           | -           | -           | -           | 101                   | -            | -           | -           | -           |
| 5                         | KWS Ozon LOZ          | 94                    | 92          | 98          | 93          | 95          | 99                    | 98           | 96          | 99          | 98          |
| 6                         | Arkadia LOZ           | 101                   | 91          | 89          | 96          | 93          | 107                   | 103          | 105         | 105         | 105         |
| 7                         | Linus LOZ             | 95                    | 110         | 101         | 102         | 102         | 104                   | 102          | 105         | 103         | 104         |
| 8                         | KWS Livius            | 99                    | 93          | 94          | 96          | 96          | 101                   | 101          | 102         | 101         | 101         |
| 9                         | Franz LOZ             | 101                   | 103         | 107         | 102         | 104         | 101                   | 99           | 100         | 100         | 100         |
| 10                        | Hondia LOZ            | 99                    | 109         | 105         | 104         | 104         | 97                    | 100          | 104         | 99          | 100         |
| 11                        | KWS Dakotana LOZ      | 101                   | 101         | 104         | 101         | 102         | 99                    | 96           | 99          | 98          | 98          |
| 12                        | Rotax                 | 96                    | 105         | 105         | 101         | 102         | 100                   | 99           | 103         | 100         | 101         |
| 13                        | Belissa LOZ           | 104                   | 100         | 106         | 102         | 103         | 100                   | 105          | 100         | 102         | 102         |
| 14                        | Florus                | 101                   | 97          | 99          | 99          | 99          | 98                    | 95           | 97          | 97          | 97          |
| 15                        | Tobak LOZ             | 97                    | 99          | 107         | 98          | 101         | 97                    | 102          | 102         | 100         | 100         |
| 16                        | Delawar               | 100                   | 102         | 101         | 101         | 101         | 98                    | 102          | 92          | 100         | 97          |
| 17                        | Leandrus              | 99                    | 101         | 95          | 100         | 98          | 97                    | 94           | 103         | 96          | 98          |
| 18                        | Pokusa                | 100                   | 100         | 104         | 100         | 101         | 101                   | 101          | 99          | 101         | 100         |
| 19                        | Janosch               | 95                    | 100         | 96          | 97          | 97          | 100                   | 101          | 100         | 100         | 100         |
| 20                        | Bonanza               | 106                   | 98          | -           | 102         | -           | 105                   | 94           | -           | 99          | -           |
| 21                        | Dolores               | 107                   | 107         | -           | 107         | -           | 98                    | 99           | -           | 99          | -           |
| 22                        | Frisky LOZ            | 103                   | 103         | -           | 103         | -           | 97                    | 107          | -           | 102         | -           |
| 23                        | Hybery F <sub>1</sub> | 97                    | 102         | -           | 99          | -           | 99                    | 99           | -           | 99          | -           |
| 24                        | KWS Kiran             | 94                    | 106         | -           | 100         | -           | 98                    | 97           | -           | 98          | -           |
| 25                        | LG Jutta              | 99                    | 97          | -           | 98          | -           | 103                   | 98           | -           | 100         | -           |
| 26                        | Medalistka            | 101                   | 99          | -           | 100         | -           | 98                    | 104          | -           | 101         | -           |
| 27                        | RGT Kicker            | 93                    | 95          | -           | 94          | -           | 96                    | 101          | -           | 98          | -           |
| 28                        | KWS Spencer           | 97                    | -           | -           | -           | -           | 94                    | -            | -           | -           | -           |
| 29                        | KWS Firebird          | 98                    | -           | -           | -           | -           | 99                    | -            | -           | -           | -           |
| 30                        | RGT Metronom          | 102                   | -           | -           | -           | -           | 101                   | -            | -           | -           | -           |
| 31                        | RGT Bilanz            | 114                   | -           | -           | -           | -           | 107                   | -            | -           | -           | -           |
| 32                        | Tytanika              | 95                    | -           | -           | -           | -           | 89                    | -            | -           | -           | -           |
| 33                        | Owacja                | 100                   | -           | -           | -           | -           | 97                    | -            | -           | -           | -           |
| <b>Liczba doswiadczeń</b> |                       | <b>4</b>              | <b>3</b>    | <b>4</b>    | <b>7</b>    | <b>11</b>   | <b>4</b>              | <b>4</b>     | <b>4</b>    | <b>8</b>    | <b>12</b>   |

Wzorzec- średnia dla wszystkich badanych odmian, a<sub>1</sub> – przeciętny, a<sub>2</sub> – intensywny poziom agrotechniki,

LOZ –Lista Odmian Zalecanych

F<sub>1</sub> – odmiana mieszańcowa

**Tab. 2. Pszenica ozima . Przedplon rzepak ozimy, optymalny termin siewu.  
Plon ziarna przy 14% wilgotności w miejscowościach (% wzorca). Lata zbioru 2018, 2016-2018.**

| L.p.                 | Odmiana               | Poziom a <sub>1</sub> |             |             |             |             |             |             |             |             |             | Poziom a <sub>2</sub> |              |             |             |             |             |             |              |             |             |
|----------------------|-----------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|--------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|
|                      |                       | Glubczyce             |             | Baków       |             | Łosiów      |             | Pagów       |             | Średnia     |             | Glubczyce             |              | Baków       |             | Łosiów      |             | Pagów       |              | Średnia     |             |
|                      |                       | 2018                  | 2016-2018   | 2018        | 2016-2018   | 2018        | 2016-2018   | 2018        | 2016        | 2018        | 2016-2018   | 2018                  | 2016-2018    | 2018        | 2016-2018   | 2018        | 2016-2018   | 2018        | 2016-2018    | 2018        | 2016-2018   |
| <b>Wzorzec dt/ha</b> |                       | <b>85,7</b>           | <b>96,6</b> | <b>73,6</b> | <b>71,5</b> | <b>74,9</b> | <b>75,3</b> | <b>80,4</b> | <b>76,6</b> | <b>78,6</b> | <b>81,1</b> | <b>117,8</b>          | <b>117,6</b> | <b>82,9</b> | <b>84,8</b> | <b>81,7</b> | <b>83,8</b> | <b>90,9</b> | <b>101,1</b> | <b>93,3</b> | <b>96,8</b> |
| 1                    | Patras                | 104                   | 104         | 114         | 98          | 97          | 103         | 89          | 104         | 101         | 102         | 101                   | 102          | 110         | 102         | 106         | 106         | 100         | 100          | 104         | 102         |
| 2                    | Artist                | 94                    | 97          | 108         | 106         | 107         | 105         | 112         | 98          | 105         | 103         | 103                   | 101          | 120         | 111         | 114         | 110         | 111         | 104          | 112         | 107         |
| 3                    | RGT Kilimanjaro       | 107                   | 102         | 95          | 91          | 105         | 105         | 109         | 111         | 104         | 99          | 106                   | 104          | 109         | 110         | 98          | 97          | 103         | 107          | 104         | 104         |
| 4                    | Formacja              | 108                   | -           | 94          | -           | 102         | -           | 101         | -           | 101         | -           | 103                   | -            | 97          | -           | 100         | -           | 106         | -            | 101         | -           |
| 5                    | KWS Ozon              | 85                    | 92          | 111         | 99          | 91          | 94          | 92          | 83          | 94          | 95          | 99                    | 101          | 106         | 103         | 96          | 96          | 95          | 91           | 99          | 98          |
| 6                    | Arkadia               | 99                    | 93          | 98          | 93          | 99          | 92          | 108         | 97          | 101         | 93          | 105                   | 105          | 109         | 104         | 102         | 104         | 114         | 108          | 107         | 105         |
| 7                    | Linus                 | 85                    | 99          | 99          | 98          | 99          | 108         | 96          | 105         | 95          | 102         | 99                    | 102          | 112         | 104         | 101         | 104         | 103         | 105          | 104         | 104         |
| 8                    | KWS Livius            | 105                   | 99          | 96          | 97          | 99          | 92          | 96          | 104         | 99          | 96          | 103                   | 101          | 97          | 99          | 101         | 102         | 105         | 103          | 101         | 101         |
| 9                    | Franz                 | 90                    | 97          | 105         | 111         | 104         | 102         | 105         | 109         | 101         | 103         | 97                    | 100          | 95          | 95          | 102         | 99          | 111         | 108          | 101         | 100         |
| 10                   | Hondia                | 110                   | 105         | 92          | 100         | 99          | 109         | 97          | 100         | 99          | 105         | 102                   | 98           | 92          | 105         | 95          | 100         | 99          | 99           | 97          | 100         |
| 11                   | KWS Dakotana          | 104                   | 102         | 89          | 100         | 104         | 102         | 107         | 111         | 101         | 101         | 100                   | 95           | 86          | 89          | 105         | 104         | 104         | 104          | 99          | 98          |
| 12                   | Rotax                 | 90                    | 101         | 96          | 105         | 100         | 98          | 100         | -           | 96          | 102         | 92                    | 100          | 98          | 100         | 105         | 99          | 103         | 103          | 100         | 101         |
| 13                   | Belissa               | 106                   | 103         | 107         | 104         | 101         | 105         | 101         | 106         | 104         | 104         | 100                   | 102          | 104         | 96          | 96          | 104         | 100         | 105          | 100         | 102         |
| 14                   | Florus                | 95                    | 98          | 110         | 101         | 93          | 98          | 107         | -           | 101         | 99          | 91                    | 96           | 106         | 96          | 96          | 97          | 99          | 97           | 98          | 97          |
| 15                   | Tobak                 | 95                    | 102         | 93          | 99          | 97          | 99          | 104         | 101         | 97          | 100         | 104                   | 104          | 87          | 96          | 99          | 99          | 97          | 102          | 97          | 100         |
| 16                   | Delawar               | 105                   | 103         | 97          | 99          | 98          | 101         | 100         | 100         | 100         | 101         | 102                   | 101          | 104         | 96          | 91          | 94          | 93          | 100          | 98          | 97          |
| 17                   | Leandrus              | 102                   | 101         | 94          | 96          | 102         | 98          | 99          | 104         | 99          | 98          | 98                    | 100          | 101         | 99          | 95          | 97          | 95          | 97           | 97          | 98          |
| 18                   | Pokusa                | 90                    | 95          | 110         | 106         | 97          | 102         | 105         | 100         | 100         | 101         | 96                    | 99           | 110         | 101         | 99          | 105         | 97          | 96           | 101         | 100         |
| 19                   | Janosch               | 96                    | 96          | 90          | 96          | 96          | 97          | 97          | 102         | 95          | 97          | 102                   | 100          | 102         | 102         | 100         | 101         | 95          | 98           | 100         | 100         |
| 20                   | Bonanza               | 100                   | -           | 117         | -           | 102         | -           | 106         | -           | 106         | -           | 102                   | -            | 115         | -           | 97          | -           | 104         | -            | 105         | -           |
| 21                   | Dolores               | 109                   | -           | 111         | -           | 108         | -           | 99          | -           | 107         | -           | 100                   | -            | 98          | -           | 93          | -           | 101         | -            | 98          | -           |
| 22                   | Frisky                | 118                   | -           | 89          | -           | 103         | -           | 101         | -           | 103         | -           | 101                   | -            | 85          | -           | 105         | -           | 98          | -            | 97          | -           |
| 23                   | Hybery F <sub>1</sub> | 98                    | -           | 94          | -           | 102         | -           | 92          | -           | 97          | -           | 106                   | -            | 92          | -           | 104         | -           | 95          | -            | 99          | -           |
| 24                   | KWS Kiran             | 105                   | -           | 89          | -           | 104         | -           | 79          | -           | 94          | -           | 98                    | -            | 99          | -           | 101         | -           | 95          | -            | 98          | -           |
| 25                   | LG Jutta              | 94                    | -           | 105         | -           | 93          | -           | 102         | -           | 99          | -           | 94                    | -            | 100         | -           | 112         | -           | 105         | -            | 103         | -           |
| 26                   | Medalistka            | 106                   | -           | 94          | -           | 104         | -           | 101         | -           | 101         | -           | 103                   | -            | 90          | -           | 105         | -           | 95          | -            | 98          | -           |
| 27                   | RGT Kicker            | 97                    | -           | 85          | -           | 87          | -           | 103         | -           | 93          | -           | 100                   | -            | 89          | -           | 95          | -           | 98          | -            | 96          | -           |
| 28                   | KWS Spencer           | 104                   | -           | 90          | -           | 107         | -           | 88          | -           | 97          | -           | 100                   | -            | 89          | -           | 95          | -           | 91          | -            | 94          | -           |
| 29                   | KWS Firebird          | 93                    | -           | 97          | -           | 97          | -           | 104         | -           | 98          | -           | 100                   | -            | 105         | -           | 90          | -           | 99          | -            | 99          | -           |
| 30                   | RGT Metronom          | 95                    | -           | 104         | -           | 106         | -           | 104         | -           | 102         | -           | 100                   | -            | 96          | -           | 104         | -           | 104         | -            | 101         | -           |
| 31                   | RGT Bilanz            | 101                   | -           | 127         | -           | 110         | -           | 117         | -           | 114         | -           | 105                   | -            | 113         | -           | 105         | -           | 106         | -            | 107         | -           |
| 32                   | Tytanika              | 104                   | -           | 102         | -           | 90          | -           | 84          | -           | 95          | -           | 96                    | -            | 88          | -           | 95          | -           | 77          | -            | 89          | -           |
| 33                   | Owacja                | 108                   | -           | 99          | -           | 97          | -           | 96          | -           | 100         | -           | 95                    | -            | 96          | -           | 97          | -           | 99          | -            | 97          | -           |

Wzorzec- średnia dla wszystkich badanych odmian, . a<sub>1</sub> – przeciętny, a<sub>2</sub> – intensywny poziom agrotechniki,

F<sub>1</sub> – odmiana mieszańcowa

**Tab. 3. Pszenica ozima. Głubczyce – poszerzony dobór odmian. Przedplon rzepak ozimy, optymalny termin siewu. Plon ziarna przy 14% wilgotności (% wzorca). Lata zbioru 2018, 2016-2018.**

| L.p.                 | Odmiana               | Poziom a <sub>1</sub> |              |              |             |             | Poziom a <sub>2</sub> |              |              |              |              |
|----------------------|-----------------------|-----------------------|--------------|--------------|-------------|-------------|-----------------------|--------------|--------------|--------------|--------------|
|                      |                       | 2018                  | 2017         | 2016         | 2017-2018   | 2016-2018   | 2018                  | 2017         | 2016         | 2017-2018    | 2016-2018    |
| <b>Wzorzec dt/ha</b> |                       | <b>85,7</b>           | <b>106,4</b> | <b>101,5</b> | <b>96,0</b> | <b>97,8</b> | <b>117,6</b>          | <b>122,8</b> | <b>111,3</b> | <b>120,2</b> | <b>117,2</b> |
| 1                    | Patras                | 104                   | 105          | 106          | 105         | 105         | 101                   | 103          | 102          | 102          | 102          |
| 2                    | Artist                | 94                    | 100          | 100          | 97          | 98          | 103                   | 103          | 102          | 103          | 103          |
| 3                    | RGT Kilimanjaro       | 107                   | 105          | 104          | 106         | 105         | 106                   | 104          | 103          | 105          | 104          |
| 4                    | Formacja              | 108                   | -            | -            | -           | -           | 103                   | -            | -            | -            | -            |
| 5                    | Ostroga o             | 91                    | 97           | 94           | 94          | 94          | 93                    | 95           | 98           | 94           | 95           |
| 6                    | KWS Ozon              | 85                    | 95           | 98           | 90          | 92          | 99                    | 100          | 101          | 100          | 100          |
| 7                    | Arkadia               | 99                    | 103          | 93           | 101         | 98          | 105                   | 107          | 104          | 106          | 105          |
| 8                    | Linus                 | 85                    | 102          | 104          | 94          | 97          | 99                    | 103          | 104          | 101          | 102          |
| 9                    | KWS Livius            | 105                   | 99           | 105          | 102         | 103         | 103                   | 99           | 101          | 101          | 101          |
| 10                   | Franz                 | 90                    | 98           | 104          | 94          | 97          | 97                    | 102          | 102          | 100          | 100          |
| 11                   | Hondia                | 110                   | 98           | 95           | 104         | 101         | 103                   | 98           | 95           | 100          | 98           |
| 12                   | KWS Dakotana          | 104                   | 98           | 103          | 101         | 102         | 100                   | 102          | 101          | 101          | 101          |
| 13                   | Rotax                 | 90                    | 106          | 105          | 98          | 100         | 92                    | 104          | 106          | 98           | 101          |
| 14                   | Belissa               | 106                   | 104          | 103          | 105         | 104         | 100                   | 103          | 101          | 102          | 101          |
| 15                   | Florus                | 95                    | 99           | 99           | 97          | 98          | 91                    | 98           | 103          | 94           | 97           |
| 16                   | Tobak                 | 95                    | 103          | 109          | 99          | 102         | 104                   | 103          | 107          | 104          | 105          |
| 17                   | Delawar               | 105                   | 102          | 101          | 103         | 103         | 102                   | 101          | 97           | 102          | 100          |
| 18                   | Leandrus              | 102                   | 100          | 100          | 101         | 101         | 98                    | 100          | 101          | 99           | 100          |
| 19                   | Pokusa                | 90                    | 102          | 102          | 96          | 98          | 96                    | 100          | 101          | 98           | 99           |
| 20                   | Janosch               | 96                    | 96           | 94           | 96          | 96          | 102                   | 97           | 95           | 99           | 98           |
| 21                   | Bonanza               | 100                   | 96           | -            | 98          | -           | 102                   | 95           | -            | 99           | -            |
| 22                   | Dolores               | 109                   | 98           | -            | 103         | -           | 100                   | 100          | -            | 100          | -            |
| 23                   | Frisky                | 118                   | 110          | -            | 114         | -           | 101                   | 108          | -            | 105          | -            |
| 24                   | Hybery F <sub>1</sub> | 98                    | 103          | -            | 101         | -           | 106                   | 100          | -            | 103          | -            |
| 25                   | KWS Kiran             | 105                   | 96           | -            | 100         | -           | 98                    | 96           | -            | 97           | -            |
| 26                   | LG Jutta              | 94                    | 96           | -            | 95          | -           | 94                    | 93           | -            | 94           | -            |
| 27                   | Medalistka            | 106                   | 101          | -            | 103         | -           | 103                   | 102          | -            | 103          | -            |
| 28                   | Opcja                 | 105                   | 102          | -            | 104         | -           | 96                    | 100          | -            | 98           | -            |
| 29                   | RGT Kicker            | 97                    | 101          | -            | 99          | -           | 101                   | 104          | -            | 102          | -            |
| 30                   | Rivero                | 105                   | 104          | -            | 105         | -           | 105                   | 104          | -            | 104          | -            |
| 31                   | KWS Spencer           | 104                   | -            | -            | -           | -           | 100                   | -            | -            | -            | -            |
| 32                   | KWS Firebird          | 93                    | -            | -            | -           | -           | 100                   | -            | -            | -            | -            |
| 33                   | RGT Metronom          | 94                    | -            | -            | -           | -           | 100                   | -            | -            | -            | -            |
| 34                   | RGT Bilanz            | 101                   | -            | -            | -           | -           | 105                   | -            | -            | -            | -            |
| 35                   | Tytanika              | 104                   | -            | -            | -           | -           | 97                    | -            | -            | -            | -            |
| 36                   | Owacja                | 108                   | -            | -            | -           | -           | 95                    | -            | -            | -            | -            |

Wzorzec- średnia dla wszystkich badanych odmian,  
a<sub>1</sub> – przeciętny, a<sub>2</sub> – intensywny poziom agrotechniki,  
o – odmiana oścista,  
F<sub>1</sub> – odmiana mieszańcowa

**Tab. 4. Pszenica ozima. Przedplon pszenica ozima i rzepak ozimy, optymalny termin siewu.  
Plon ziarna przy 14% wilgotności (% wzorca) na intensywnym poziomie agrotechniki – a2.  
Głubczyce, Łosiów. Lata zbioru 2018, 2016 - 2018.**

| Lp.                       | Odmiana               | 2018        |             |             |              |             |             | 2017-2018   |             |             |              |             |              | 2016-2018   |             |             |              |             |              |
|---------------------------|-----------------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|-------------|-------------|--------------|-------------|--------------|
|                           |                       | pszenica    |             |             | rzepak       |             |             | pszenica    |             |             | rzepak       |             |              | pszenica    |             |             | rzepak       |             |              |
|                           |                       | G           | Ł           | średnia     | G            | Ł           | średnia     | G           | Ł           | średnia     | G            | Ł           | średnia      | G           | Ł           | średnia     | G            | Ł           | średnia      |
| <b>Wzorzec dt /ha</b>     |                       | <b>86,0</b> | <b>78,9</b> | <b>82,4</b> | <b>117,8</b> | <b>81,7</b> | <b>99,7</b> | <b>92,2</b> | <b>82,6</b> | <b>87,4</b> | <b>120,2</b> | <b>85,2</b> | <b>102,7</b> | <b>88,2</b> | <b>82,1</b> | <b>85,1</b> | <b>117,6</b> | <b>83,8</b> | <b>100,7</b> |
| 1                         | Patras                | 101         | 97          | 99          | 101          | 106         | 104         | 107         | 102         | 105         | 103          | 106         | 104          | 105         | 104         | 105         | 102          | 106         | 104          |
| 2                         | Artist                | 101         | -           | -           | 103          | 114         | 109         | 102         | -           | -           | 101          | 111         | 106          | 101         | -           | -           | 101          | 110         | 106          |
| 3                         | RGT Kilimanjaro       | 104         | -           | -           | 106          | 98          | 102         | 101         | -           | -           | 105          | 100         | 102          | 102         | -           | -           | 104          | 97          | 100          |
| 4                         | Formacja              | 96          | 97          | 96          | 103          | 100         | 101         | -           | -           | -           | -            | -           | -            | -           | -           | -           | -            | -           | -            |
| 5                         | KWS Ozon              | 102         | 106         | 104         | 99           | 96          | 98          | 101         | 99          | 100         | 102          | 97          | 99           | 100         | 102         | 101         | 101          | 96          | 99           |
| 6                         | Arkadia               | 95          | 102         | 98          | 105          | 102         | 103         | 103         | 102         | 103         | 106          | 101         | 103          | 101         | 100         | 100         | 105          | 104         | 104          |
| 7                         | Linus                 | 107         | -           | -           | 99           | 101         | 100         | 107         | -           | -           | 102          | 101         | 102          | 106         | -           | -           | 102          | 104         | 103          |
| 8                         | KWS Livius            | 101         | -           | -           | 103          | 101         | 102         | 102         | -           | -           | 102          | 102         | 102          | 102         | -           | -           | 101          | 102         | 101          |
| 9                         | Franz                 | 107         | -           | -           | 97           | 102         | 100         | 100         | -           | -           | 99           | 100         | 99           | 100         | -           | -           | 100          | 99          | 99           |
| 10                        | Hondia                | 96          | -           | -           | 102          | 95          | 99          | 103         | -           | -           | 100          | 96          | 98           | 101         | -           | -           | 98           | 100         | 99           |
| 11                        | KWS Dakotana          | 107         | 106         | 107         | 100          | 105         | 103         | 103         | 104         | 103         | 93           | 103         | 98           | 103         | 105         | 104         | 95           | 104         | 100          |
| 12                        | Rotax                 | 101         | -           | -           | 92           | 105         | 99          | 105         | -           | -           | 98           | 97          | 97           | 106         | -           | -           | 100          | 99          | 99           |
| 13                        | Belissa               | 94          | -           | -           | 100          | 96          | 98          | 100         | -           | -           | 104          | 101         | 102          | 99          | -           | -           | 102          | 104         | 103          |
| 14                        | Florus                | 81          | 93          | 87          | 91           | 96          | 93          | 86          | 95          | 91          | 93           | 100         | 97           | 89          | 96          | 92          | 96           | 97          | 97           |
| 15                        | Tobak                 | 98          | -           | -           | 104          | 99          | 102         | 99          | -           | -           | 104          | 100         | 102          | 102         | -           | -           | 104          | 99          | 102          |
| 16                        | Delawar               | 111         | 87          | 99          | 102          | 91          | 96          | 101         | 92          | 97          | 103          | 93          | 98           | 102         | 95          | 98          | 101          | 94          | 97           |
| 17                        | Leandrus              | 101         | 94          | 98          | 98           | 95          | 96          | 100         | 94          | 97          | 100          | 93          | 97           | 98          | 95          | 96          | 100          | 97          | 98           |
| 18                        | Pokusa                | 95          | -           | -           | 96           | 99          | 98          | 97          | -           | -           | 98           | 106         | 102          | 97          | -           | -           | 99           | 105         | 102          |
| 19                        | Janosch               | 104         | -           | -           | 102          | 100         | 101         | 103         | -           | -           | 102          | 103         | 103          | 101         | -           | -           | 100          | 101         | 101          |
| 20                        | Bonanza               | 104         | -           | -           | 102          | 97          | 99          | 103         | -           | -           | 94           | 95          | 95           | -           | -           | -           | -            | -           | -            |
| 21                        | Dolores               | 101         | -           | -           | 100          | 93          | 96          | 95          | -           | -           | 99           | 98          | 98           | -           | -           | -           | -            | -           | -            |
| 22                        | Frisky                | 97          | 101         | 99          | 101          | 105         | 103         | 102         | 108         | 105         | 104          | 111         | 107          | -           | -           | -           | -            | -           | -            |
| 23                        | Hybery F <sub>1</sub> | 107         | -           | -           | 106          | 104         | 105         | 104         | -           | -           | 103          | 101         | 102          | -           | -           | -           | -            | -           | -            |
| 24                        | KWS Kiran             | 102         | 117         | 110         | 98           | 101         | 99          | 99          | 107         | 103         | 99           | 98          | 98           | -           | -           | -           | -            | -           | -            |
| 25                        | LG Jutta              | 100         | 98          | 99          | 94           | 112         | 103         | 98          | 99          | 98          | 95           | 103         | 99           | -           | -           | -           | -            | -           | -            |
| 26                        | Medalistka            | 98          | 109         | 103         | 103          | 105         | 104         | 101         | 108         | 104         | 102          | 105         | 103          | -           | -           | -           | -            | -           | -            |
| 27                        | RGT Kicker            | 96          | -           | -           | 100          | 95          | 97          | 100         | -           | -           | 100          | 99          | 100          | -           | -           | -           | -            | -           | -            |
| 28                        | KWS Spencer           | 99          | -           | -           | 100          | 95          | 97          | -           | -           | -           | -            | -           | -            | -           | -           | -           | -            | -           | -            |
| 29                        | KWS Firebird          | 96          | 97          | 97          | 100          | 90          | 95          | -           | -           | -           | -            | -           | -            | -           | -           | -           | -            | -           | -            |
| 30                        | RGT Metronom          | 70          | 97          | 84          | 100          | 104         | 102         | -           | -           | -           | -            | -           | -            | -           | -           | -           | -            | -           | -            |
| 31                        | RGT Bilanz            | 106         | -           | -           | 105          | 105         | 105         | -           | -           | -           | -            | -           | -            | -           | -           | -           | -            | -           | -            |
| 32                        | Tytanika              | 103         | -           | -           | 96           | 95          | 96          | -           | -           | -           | -            | -           | -            | -           | -           | -           | -            | -           | -            |
| 33                        | Owacja                | 119         | -           | -           | 95           | 97          | 96          | -           | -           | -           | -            | -           | -            | -           | -           | -           | -            | -           | -            |
| <b>Liczba doświadczeń</b> |                       | <b>1</b>    | <b>1</b>    | <b>2</b>    | <b>1</b>     | <b>1</b>    | <b>2</b>    | <b>2</b>    | <b>2</b>    | <b>4</b>    | <b>2</b>     | <b>2</b>    | <b>4</b>     | <b>6</b>    | <b>6</b>    | <b>12</b>   | <b>6</b>     | <b>6</b>    | <b>12</b>    |

Wzorzec- średnia dla wszystkich badanych odmian,

G-Głubczyce, Ł-Łosiów

F<sub>1</sub> – odmiana mieszańcowa

**Tab. 5. Pszenica ozima. Przedplon soja i kukurydza na ziarno, opóźniony termin siewu.  
Plon ziarna przy 14% wilgotności (% wzorca) na intensywnym poziomie agrotechniki – a2.  
Głubczyce. Lata zbioru 2018, 2016-2018.**

| Lp.                       | Odmiana               | 2018        |                        |             | 2017-2018    |                        |              | 2016-2018    |                        |              |
|---------------------------|-----------------------|-------------|------------------------|-------------|--------------|------------------------|--------------|--------------|------------------------|--------------|
|                           |                       | soja        | kukurydza<br>na ziarno | średnia     | soja         | kukurydza<br>na ziarno | średnia      | soja         | kukurydza<br>na ziarno | średnia      |
| <b>Wzorzec dt /ha</b>     |                       | <b>93,6</b> | <b>94,9</b>            | <b>94,2</b> | <b>108,2</b> | <b>101,4</b>           | <b>104,8</b> | <b>110,0</b> | <b>105,1</b>           | <b>107,5</b> |
| 1                         | Patras                | 94          | 95                     | 95          | 99           | 98                     | 98           | 99           | 100                    | 99           |
| 2                         | Artist                | 98          | 100                    | 99          | 100          | 100                    | 100          | 101          | 101                    | 101          |
| 3                         | RGT Kilimanjaro       | 109         | 104                    | 106         | 106          | 104                    | 105          | 105          | 105                    | 105          |
| 4                         | Formacja              | 99          | 96                     | 97          | -            | -                      | -            | -            | -                      | -            |
| 5                         | KWS Ozon              | 101         | 98                     | 100         | 101          | 98                     | 99           | 100          | 98                     | 99           |
| 6                         | Arkadia               | 100         | 100                    | 100         | 104          | 104                    | 104          | 103          | 103                    | 103          |
| 7                         | Linus                 | 104         | 104                    | 104         | 103          | 102                    | 103          | 103          | 102                    | 102          |
| 8                         | KWS Livius            | 103         | 100                    | 102         | 101          | 99                     | 100          | 100          | 100                    | 100          |
| 9                         | Franz                 | 104         | 107                    | 106         | 102          | 104                    | 103          | 103          | 103                    | 103          |
| 10                        | Hondia                | 102         | 103                    | 103         | 100          | 103                    | 101          | 98           | 101                    | 99           |
| 11                        | KWS Dakotana          | 102         | 102                    | 102         | 102          | 102                    | 102          | 102          | 101                    | 101          |
| 12                        | Rotax                 | 95          | 92                     | 94          | 99           | 98                     | 99           | 101          | 98                     | 99           |
| 13                        | Belissa               | 92          | 94                     | 93          | 98           | 100                    | 99           | 99           | 101                    | 100          |
| 14                        | Florus                | 90          | 87                     | 88          | 94           | 94                     | 94           | 96           | 97                     | 97           |
| 15                        | Tobak                 | 100         | 99                     | 99          | 101          | 99                     | 100          | 103          | 100                    | 102          |
| 16                        | Delawar               | 107         | 102                    | 105         | 104          | 100                    | 102          | 102          | 101                    | 102          |
| 17                        | Leandrus              | 100         | 104                    | 102         | 100          | 102                    | 101          | 100          | 100                    | 100          |
| 18                        | Pokusa                | 93          | 95                     | 94          | 96           | 99                     | 98           | 96           | 98                     | 97           |
| 19                        | Janosch               | 109         | 110                    | 110         | 103          | 105                    | 104          | 101          | 104                    | 103          |
| 20                        | Bonanza               | 100         | 103                    | 102         | 98           | 97                     | 97           | -            | -                      | -            |
| 21                        | Dolores               | 102         | 104                    | 103         | 101          | 103                    | 102          | -            | -                      | -            |
| 22                        | Frisky                | 97          | 102                    | 99          | 102          | 105                    | 104          | -            | -                      | -            |
| 23                        | Hybery F <sub>1</sub> | 105         | 102                    | 104         | 103          | 103                    | 103          | -            | -                      | -            |
| 24                        | KWS Kiran             | 103         | 103                    | 103         | 100          | 100                    | 100          | -            | -                      | -            |
| 25                        | LG Jutta              | 102         | 97                     | 99          | 98           | 94                     | 96           | -            | -                      | -            |
| 26                        | Medalistka            | 89          | 94                     | 91          | 96           | 99                     | 98           | -            | -                      | -            |
| 27                        | RGT Kicker            | 100         | 102                    | 101         | 102          | 103                    | 103          | -            | -                      | -            |
| 28                        | KWS Spencer           | 102         | 99                     | 101         | -            | -                      | -            | -            | -                      | -            |
| 29                        | KWS Firebird          | 101         | 97                     | 99          | -            | -                      | -            | -            | -                      | -            |
| 30                        | RGT Metronom          | 102         | 104                    | 103         | -            | -                      | -            | -            | -                      | -            |
| 31                        | RGT Bilanz            | 105         | 105                    | 105         | -            | -                      | -            | -            | -                      | -            |
| 32                        | Tytanika              | 98          | 97                     | 97          | -            | -                      | -            | -            | -                      | -            |
| 33                        | Owacja                | 92          | 97                     | 95          | -            | -                      | -            | -            | -                      | -            |
| <b>Liczba doświadczeń</b> |                       | <b>1</b>    | <b>1</b>               | <b>2</b>    | <b>2</b>     | <b>2</b>               | <b>4</b>     | <b>3</b>     | <b>3</b>               | <b>6</b>     |

Wzorzec- średnia dla wszystkich badanych odmian;

F<sub>1</sub> – odmiana mieszańcowa

**Tab. 6. Pszenica ozima. Przedplon kukurydza na ziarno, opóźniony termin siewu.  
Plon ziarna przy 14% wilgotności (% wzorca) na intensywnym poziomie agrotechniki – a2.  
Głubczyce, Pągów. Lata zbioru 2018, 2016-2018.**

| Lp.                       | Odmiana               | 2018      |          |          | 2017      | 2016     | 2017-2018 | 2016-2018 |
|---------------------------|-----------------------|-----------|----------|----------|-----------|----------|-----------|-----------|
|                           |                       | Głubczyce | Pągów    | średnia  | Głubczyce |          |           |           |
| Wzorzec dt /ha            |                       | 94,9      | 50,2     | 72,5     | 107,9     | 112,5    | 101,4     | 105,1     |
| 1                         | Patras                | 95        | 101      | 98       | 101       | 104      | 98        | 100       |
| 2                         | Artist                | 100       | 102      | 101      | 100       | 103      | 100       | 101       |
| 3                         | RGT Kilimanjaro       | 104       | 96       | 100      | 105       | 105      | 104       | 105       |
| 4                         | Formacja              | 96        | 100      | 98       | -         | -        | -         | -         |
| 5                         | KWS Ozon              | 98        | 93       | 96       | 98        | 97       | 98        | 98        |
| 6                         | Arkadia               | 100       | 104      | 102      | 109       | 102      | 104       | 103       |
| 7                         | Linus                 | 104       | 95       | 99       | 100       | 102      | 102       | 102       |
| 8                         | KWS Livius            | 100       | 96       | 98       | 97        | 103      | 99        | 100       |
| 9                         | Franz                 | 107       | 98       | 102      | 101       | 101      | 104       | 103       |
| 10                        | Hondia                | 103       | 101      | 102      | 102       | 97       | 103       | 101       |
| 11                        | KWS Dakotana          | 102       | 95       | 98       | 102       | 99       | 102       | 101       |
| 12                        | Rotax                 | 92        | 102      | 97       | 104       | 98       | 98        | 98        |
| 13                        | Belissa               | 94        | 95       | 95       | 105       | 104      | 100       | 101       |
| 14                        | Florus                | 87        | 101      | 94       | 102       | 103      | 94        | 97        |
| 15                        | Tobak                 | 99        | 96       | 98       | 99        | 103      | 99        | 100       |
| 16                        | Delawar               | 102       | 102      | 102      | 98        | 104      | 100       | 101       |
| 17                        | Leandrus              | 104       | 108      | 106      | 100       | 97       | 102       | 100       |
| 18                        | Pokusa                | 95        | 103      | 99       | 102       | 97       | 99        | 98        |
| 19                        | Janosch               | 110       | 97       | 103      | 99        | 102      | 105       | 104       |
| 20                        | Bonanza               | 103       | 94       | 98       | 90        | -        | 97        | -         |
| 21                        | Dolores               | 104       | 95       | 99       | 102       | -        | 103       | -         |
| 22                        | Frisky                | 102       | 103      | 102      | 108       | -        | 105       | -         |
| 23                        | Hybery F <sub>1</sub> | 102       | 104      | 103      | 103       | -        | 103       | -         |
| 24                        | KWS Kiran             | 103       | 100      | 101      | 97        | -        | 100       | -         |
| 25                        | LG Jutta              | 97        | 107      | 102      | 92        | -        | 94        | -         |
| 26                        | Medalistka            | 94        | 101      | 97       | 105       | -        | 99        | -         |
| 27                        | RGT Kicker            | 102       | 98       | 100      | 105       | -        | 103       | -         |
| 28                        | KWS Spencer           | 99        | 100      | 100      | -         | -        | -         | -         |
| 29                        | KWS Firebird          | 97        | 97       | 97       | -         | -        | -         | -         |
| 30                        | RGT Metronom          | 104       | 97       | 101      | -         | -        | -         | -         |
| 31                        | RGT Bilanz            | 105       | 104      | 105      | -         | -        | -         | -         |
| 32                        | Tytanika              | 97        | 112      | 104      | -         | -        | -         | -         |
| 33                        | Owacja                | 97        | 103      | 100      | -         | -        | -         | -         |
| <b>Liczba doświadczeń</b> |                       | <b>1</b>  | <b>1</b> | <b>2</b> | <b>1</b>  | <b>1</b> | <b>2</b>  | <b>3</b>  |

Wzorzec- średnia dla wszystkich badanych odmian; F<sub>1</sub>– odmiana mieszańcowa;

data siewu Głubczyce: 02.11.2015 r, 04.11.2016 r, 07.11.2017 r

Pągów: 21.10.2017 r

**Tab. 7. Pszenica ozima. Przedplon burak cukrowy, rzepak ozimy i pszenica ozima, optymalny termin siewu. Plon ziarna przy 14% wilgotności (% wzorca) na intensywnym poziomie agrotechniki – a2. Głubczyce. Rok zbioru 2018.**

| Lp.                       | Odmiana               | burak cukrowy | rzepak       | pszenica    |
|---------------------------|-----------------------|---------------|--------------|-------------|
| <b>Wzorzec dt /ha</b>     |                       | <b>104,1</b>  | <b>117,8</b> | <b>86,0</b> |
| 1                         | Patras                | 99            | 101          | 101         |
| 2                         | Artist                | 102           | 103          | 101         |
| 3                         | RGT Kilimanjaro       | 99            | 106          | 104         |
| 4                         | Formacja              | 99            | 103          | 96          |
| 5                         | KWS Ozon              | 101           | 99           | 102         |
| 6                         | Arkadia               | 99            | 105          | 95          |
| 7                         | Linus                 | 103           | 99           | 107         |
| 8                         | KWS Livius            | 104           | 103          | 101         |
| 9                         | Franz                 | 102           | 97           | 107         |
| 10                        | Hondia                | 100           | 102          | 96          |
| 11                        | KWS Dakotana          | 101           | 100          | 107         |
| 12                        | Rotax                 | 97            | 92           | 101         |
| 13                        | Belissa               | 97            | 100          | 94          |
| 14                        | Florus                | 88            | 91           | 81          |
| 15                        | Tobak                 | 106           | 104          | 98          |
| 16                        | Delawar               | 101           | 102          | 111         |
| 17                        | Leandrus              | 104           | 98           | 101         |
| 18                        | Pokusa                | 93            | 96           | 95          |
| 19                        | Janosch               | 104           | 102          | 104         |
| 20                        | Bonanza               | 103           | 102          | 104         |
| 21                        | Dolores               | 100           | 100          | 101         |
| 22                        | Frisky                | 100           | 101          | 97          |
| 23                        | Hybery F <sub>1</sub> | 101           | 106          | 107         |
| 24                        | KWS Kiran             | 106           | 98           | 102         |
| 25                        | LG Jutta              | 98            | 94           | 100         |
| 26                        | Medalistka            | 93            | 103          | 98          |
| 27                        | RGT Kicker            | 104           | 100          | 96          |
| 28                        | KWS Spencer           | 102           | 100          | 99          |
| 29                        | KWS Firebird          | 99            | 100          | 96          |
| 30                        | RGT Metronom          | 100           | 100          | 70          |
| 31                        | RGT Bilanz            | 109           | 105          | 106         |
| 32                        | Tytanika              | 97            | 96           | 103         |
| 33                        | Owacja                | 92            | 95           | 119         |
| <b>Liczba doświadczeń</b> |                       | <b>1</b>      | <b>1</b>     | <b>1</b>    |

Wzorzec – średnia dla wszystkich badanych odmian;

F<sub>1</sub> – odmiana mieszańcowa

**Tab. 8. Pszenica ozima. Plon ziarna przy 14 % wilgotności (% wzorca)  
w różnych wariantach agrotechnicznych na intensywnym poziomie agrotechniki – a2 . Głubczyce. Lata zbioru 2018, 2016-2018.**

| Lp.                  | Odmiana               | Optymalny termin siewu przedplon rzepak ozimy |              |              | Optymalny termin siewu przedplon burak cukrowy | Optymalny termin siewu przedplon pszenica ozima |             |             | Opóźniony i optymalny termin siewu przedplon soja |              |              | Opóźniony termin siewu przedplon kukurydza na ziarno |              |              | Średnia     |              |              |
|----------------------|-----------------------|---|--------------|--------------|--|---|-------------|-------------|---|--------------|--------------|--|--------------|--------------|-------------|--------------|--------------|
|                      |                       | 2018  | 2017-2018    | 2016-2018    | 2018   | 2018  | 2017-2018   | 2016-2018   | 2018  | 2017-2018    | 2016-2018    | 2018   | 2017-2018    | 2016-2018    | 2018        | 2017-2018    | 2016-2018    |
| <b>Wzorzec dt/ha</b> |                       | <b>117,8</b>                                  | <b>120,2</b> | <b>117,6</b> | <b>104,1</b>                                   | <b>86,0</b>                                     | <b>92,2</b> | <b>88,2</b> | <b>93,6</b>                                       | <b>108,2</b> | <b>110,0</b> | <b>94,9</b>  | <b>101,4</b> | <b>105,1</b> | <b>99,3</b> | <b>101,6</b> | <b>105,0</b> |
| 1                    | Patras LOZ            | 101   | 103          | 102          | 99   | 101   | 107         | 105         | 94  | 99           | 99           | 95   | 98           | 100          | 98          | 101          | 101          |
| 2                    | Artist LOZ            | 103   | 101          | 101          | 102  | 101   | 102         | 101         | 98  | 100          | 101          | 100  | 100          | 101          | 101         | 101          | 101          |
| 3                    | RGT Kilimanjaro LOZ   | 106   | 105          | 104          | 99   | 104   | 101         | 102         | 109   | 106          | 105          | 104  | 104          | 105          | 104         | 104          | 103          |
| 4                    | Formacja              | 103   | -            | -            | 99   | 96  | -           | -           | 99  | -            | -            | 96   | -            | -            | 98          | -            | -            |
| 5                    | KWS Ozon LOZ          | 99  | 102          | 101          | 101  | 102   | 101         | 100         | 101   | 101          | 100          | 98   | 98           | 98           | 100         | 101          | 100          |
| 6                    | Arkadia LOZ           | 105   | 106          | 105          | 99   | 95  | 103         | 101         | 100   | 104          | 103          | 100  | 104          | 103          | 100         | 102          | 102          |
| 7                    | Linus LOZ             | 99  | 102          | 102          | 103  | 107   | 107         | 106         | 104   | 103          | 103          | 104  | 102          | 102          | 103         | 104          | 103          |
| 8                    | KWS Livius            | 103   | 102          | 101          | 104  | 101   | 102         | 102         | 103   | 101          | 100          | 100  | 99           | 100          | 102         | 101          | 102          |
| 9                    | Franz LOZ             | 97  | 99           | 100          | 102  | 107   | 100         | 100         | 104   | 102          | 103          | 107  | 104          | 103          | 103         | 102          | 101          |
| 10                   | Hondia LOZ            | 102   | 100          | 98           | 100  | 96  | 103         | 101         | 102   | 100          | 98           | 103  | 103          | 101          | 101         | 100          | 99           |
| 11                   | KWS Dakotana LOZ      | 100   | 93           | 95           | 101  | 107   | 103         | 103         | 102   | 102          | 102          | 102  | 102          | 101          | 102         | 101          | 100          |
| 12                   | Rotax                 | 92  | 98           | 100          | 97   | 101   | 105         | 106         | 95  | 99           | 101          | 92   | 98           | 98           | 95          | 100          | 100          |
| 13                   | Belissa LOZ           | 100   | 104          | 102          | 97   | 94  | 100         | 99          | 92  | 98           | 99           | 94   | 100          | 101          | 95          | 99           | 100          |
| 14                   | Florus                | 91  | 93           | 96           | 88   | 81  | 86          | 89          | 90  | 94           | 96           | 87   | 94           | 97           | 87          | 90           | 93           |
| 15                   | Tobak LOZ             | 104   | 104          | 104          | 106  | 98  | 99          | 102         | 100   | 101          | 103          | 99   | 99           | 100          | 101         | 100          | 103          |
| 16                   | Delawar               | 102   | 103          | 101          | 101  | 111   | 101         | 102         | 107   | 104          | 102          | 102  | 100          | 101          | 105         | 104          | 101          |
| 17                   | Leandrus              | 98  | 100          | 100          | 104  | 101   | 100         | 98          | 100   | 100          | 100          | 104  | 102          | 100          | 102         | 101          | 101          |
| 18                   | Pokusa                | 96  | 98           | 99           | 93   | 95  | 97          | 97          | 93  | 96           | 96           | 95   | 99           | 98           | 95          | 97           | 97           |
| 19                   | Janosch               | 102   | 102          | 100          | 104  | 104   | 103         | 101         | 109   | 103          | 101          | 110  | 105          | 104          | 106         | 103          | 102          |
| 20                   | Bonanza               | 102   | 94           | -            | 103  | 104   | 103         | -           | 100   | 98           | -            | 103  | 97           | -            | 103         | 99           | -            |
| 21                   | Dolores               | 100   | 99           | -            | 100  | 101   | 95          | -           | 102   | 101          | -            | 104  | 103          | -            | 101         | 100          | -            |
| 22                   | Frisky LOZ            | 101   | 104          | -            | 100  | 97  | 102         | -           | 97  | 102          | -            | 102  | 105          | -            | 99          | 102          | -            |
| 23                   | Hybery F <sub>1</sub> | 106   | 103          | -            | 101  | 107   | 104         | -           | 105   | 103          | -            | 102  | 103          | -            | 104         | 104          | -            |
| 24                   | KWS Kiran             | 98  | 99           | -            | 106  | 102   | 99          | -           | 103   | 100          | -            | 103  | 100          | -            | 102         | 100          | -            |
| 25                   | LG Jutta              | 94  | 95           | -            | 98   | 100   | 98          | -           | 102   | 98           | -            | 97   | 94           | -            | 98          | 97           | -            |
| 26                   | Medalistka            | 103   | 102          | -            | 93   | 98  | 101         | -           | 89  | 96           | -            | 94   | 99           | -            | 95          | 99           | -            |
| 27                   | RGT Kicker            | 100   | 100          | -            | 104  | 96  | 100         | -           | 100   | 102          | -            | 102  | 103          | -            | 101         | 100          | -            |
| 28                   | KWS Spencer           | 100   | -            | -            | 102  | 99  | -           | -           | 102   | -            | -            | 99   | -            | -            | 100         | -            | -            |
| 29                   | KWS Firebird          | 100   | -            | -            | 99   | 96  | -           | -           | 101   | -            | -            | 97   | -            | -            | 99          | -            | -            |
| 30                   | RGT Metronom          | 100   | -            | -            | 100  | 70  | -           | -           | 102   | -            | -            | 104  | -            | -            | 95          | -            | -            |
| 31                   | RGT Bilanz            | 105   | -            | -            | 109  | 106   | -           | -           | 105   | -            | -            | 105  | -            | -            | 106         | -            | -            |
| 32                   | Tytanika              | 96  | -            | -            | 97   | 103   | -           | -           | 98  | -            | -            | 97   | -            | -            | 98          | -            | -            |
| 33                   | Owacja                | 95  | -            | -            | 92   | 119   | -           | -           | 92  | -            | -            | 97   | -            | -            | 99          | -            | -            |

Wzorzec – średnia dla wszystkich badanych odmian;

F<sub>1</sub> – odmiana mieszańcowa;

LOZ – Lista Odmian Zalecanych

**Tab. 9. Pszenica ozima. Plon ziarna przy 14 % wilgotności (% wzorca)  
w różnych wariantach agrotechnicznych na intensywnym poziomie agrotechniki – a2 . Łosiów. Lata zbioru 2018, 2016-2018.**

| Lp.                  | Odmiana         |                | Optymalny termin siewu przedplon<br>rzepak ozimy |             |             | Optymalny termin siewu przedplon<br>pszenica ozima |             |             | Średnia     |             |             |
|----------------------|-----------------|----------------|--|-------------|-------------|--|-------------|-------------|-------------|-------------|-------------|
|                      |                 |                | 2018   | 2017-2018   | 2016-2018   | 2018   | 2017-2018   | 2016-2018   | 2018        | 2017-2018   | 2016-2018   |
| <b>Wzorzec dt/ha</b> |                 |                | <b>81,7</b>                                      | <b>85,2</b> | <b>83,8</b> | <b>78,9</b>  | <b>82,6</b> | <b>82,1</b> | <b>80,3</b> | <b>83,9</b> | <b>82,9</b> |
| 1                    | Patras          | LOZ            | 106  | 106         | 106         | 97   | 102         | 104         | 101         | 104         | 105         |
| 2                    | Artist          | LOZ            | 114  | 111         | 110         | -  | -           | -           | -           | -           | -           |
| 3                    | RGT Kilimanjaro | LOZ            | 98   | 100         | 97          | -  | -           | -           | -           | -           | -           |
| 4                    | Formacja        |                | 100  | -           | -           | 97   | -           | -           | 99          | -           | -           |
| 5                    | KWS Ozon        | LOZ            | 96   | 97          | 96          | 106  | 99          | 102         | 101         | 98          | 99          |
| 6                    | Arkadia         | LOZ            | 102  | 101         | 104         | 102  | 102         | 100         | 102         | 102         | 102         |
| 7                    | Linus           | LOZ            | 101  | 101         | 104         | -  | -           | -           | -           | -           | -           |
| 8                    | KWS Livius      |                | 101  | 102         | 102         | -  | -           | -           | -           | -           | -           |
| 9                    | Franz           | LOZ            | 102  | 100         | 99          | -  | -           | -           | -           | -           | -           |
| 10                   | Hondia          | LOZ            | 95   | 96          | 100         | -  | -           | -           | -           | -           | -           |
| 11                   | KWS Dakotana    | LOZ            | 105  | 103         | 104         | 106  | 104         | 105         | 106         | 104         | 105         |
| 12                   | Rotax           |                | 105  | 97          | 99          | -  | -           | -           | -           | -           | -           |
| 13                   | Belissa         | LOZ            | 96   | 101         | 104         | -  | -           | -           | -           | -           | -           |
| 14                   | Florus          |                | 96   | 100         | 97          | 93   | 95          | 96          | 94          | 98          | 96          |
| 15                   | Tobak           | LOZ            | 99   | 100         | 99          | -  | -           | -           | -           | -           | -           |
| 16                   | Delawar         |                | 91   | 93          | 94          | 87   | 92          | 95          | 89          | 92          | 94          |
| 17                   | Leandrus        |                | 95   | 93          | 97          | 94   | 94          | 95          | 94          | 94          | 96          |
| 18                   | Pokusa          |                | 99   | 106         | 105         | -  | -           | -           | -           | -           | -           |
| 19                   | Janosch         |                | 100  | 103         | 101         | -  | -           | -           | -           | -           | -           |
| 20                   | Bonanza         |                | 97   | 95          | -           | -  | -           | -           | -           | -           | -           |
| 21                   | Dolores         |                | 93   | 98          | -           | -  | -           | -           | -           | -           | -           |
| 22                   | Frisky          | LOZ            | 105  | 111         | -           | 101  | 108         | -           | 103         | 109         | -           |
| 23                   | Hybery          | F <sub>1</sub> | 104  | 101         | -           | -  | -           | -           | -           | -           | -           |
| 24                   | KWS Kiran       |                | 101  | 98          | -           | 117  | 107         | -           | 109         | 102         | -           |
| 25                   | LG Jutta        |                | 112  | 103         | -           | 98   | 99          | -           | 105         | 101         | -           |
| 26                   | Medalistka      |                | 105  | 105         | -           | 109  | 108         | -           | 107         | 106         | -           |
| 27                   | RGT Kicker      |                | 95   | 99          | -           | -  | -           | -           | -           | -           | -           |
| 28                   | KWS Spencer     |                | 95   | -           | -           | -  | -           | -           | -           | -           | -           |
| 29                   | KWS Firebird    |                | 90   | -           | -           | 97   | -           | -           | 93          | -           | -           |
| 30                   | RGT Metronom    |                | 104  | -           | -           | 97   | -           | -           | 101         | -           | -           |
| 31                   | RGT Bilanz      |                | 105  | -           | -           | -  | -           | -           | -           | -           | -           |
| 32                   | Tytanika        |                | 95   | -           | -           | -  | -           | -           | -           | -           | -           |
| 33                   | Owacja          |                | 97   | -           | -           | -  | -           | -           | -           | -           | -           |

Wzorzec – średnia dla wszystkich badanych odmian;

F<sub>1</sub> – odmiana mieszańcowa;

LOZ – Lista Odmian Zalecanych

**Tab. 10. Pszenica ozima. Plon ziarna przy 14 % wilgotności (% wzorca)  
w różnych wariantach agrotechnicznych na intensywnym poziomie agrotechniki – a2 . Pağów. Lata zbioru 2018, 2016-2018.**

| Lp.                  | Odmiana         |                | Optymalny termin siewu przedplon rzepak ozimy |              |              | Opóźniony termin siewu przedplon kukurydza na ziarno | średnia     |
|----------------------|-----------------|----------------|---|--------------|--------------|--|-------------|
|                      |                 |                | 2018  | 2017-2018    | 2016-2018    | 2018   | 2018        |
| <b>Wzorzec dt/ha</b> |                 |                | <b>90,9</b>                                   | <b>107,4</b> | <b>101,1</b> | <b>50,2</b>  | <b>70,5</b> |
| 1                    | Patras          | LOZ            | 100   | 100          | 100          | 101  | 100         |
| 2                    | Artist          | LOZ            | 111   | 105          | 104          | 102  | 107         |
| 3                    | RGT Kilimanjaro | LOZ            | 103   | 108          | 107          | 96   | 100         |
| 4                    | Formacja        |                | 106   | -            | -            | 100  | 103         |
| 5                    | KWS Ozon        | LOZ            | 95  | 95           | 91           | 93   | 94          |
| 6                    | Arkadia         | LOZ            | 114   | 110          | 108          | 104  | 109         |
| 7                    | Linus           | LOZ            | 103   | 103          | 105          | 95   | 99          |
| 8                    | KWS Livius      |                | 105   | 103          | 103          | 96   | 101         |
| 9                    | Franz           | LOZ            | 111   | 108          | 108          | 98   | 104         |
| 10                   | Hondia          | LOZ            | 99  | 103          | 99           | 101  | 100         |
| 11                   | KWS Dakotana    | LOZ            | 104   | 103          | 104          | 95   | 100         |
| 12                   | Rotax           |                | 103   | 103          | 103          | 102  | 102         |
| 13                   | Belissa         | LOZ            | 100   | 104          | 105          | 95   | 98          |
| 14                   | Florus          |                | 99  | 97           | 97           | 101  | 100         |
| 15                   | Tobak           | LOZ            | 97  | 101          | 102          | 96   | 97          |
| 16                   | Delawar         |                | 93  | 101          | 100          | 102  | 98          |
| 17                   | Leandrus        |                | 95  | 94           | 97           | 108  | 102         |
| 18                   | Pokusa          |                | 97  | 99           | 96           | 103  | 100         |
| 19                   | Janosch         |                | 95  | 95           | 98           | 97   | 96          |
| 20                   | Bonanza         |                | 104   | 98           | -            | 94   | 99          |
| 21                   | Dolores         |                | 101   | 101          | -            | 95   | 98          |
| 22                   | Frisky          | LOZ            | 98  | 99           | -            | 103  | 100         |
| 23                   | Hybery          | F <sub>1</sub> | 95  | 100          | -            | 104  | 100         |
| 24                   | KWS Kiran       |                | 95  | 90           | -            | 100  | 97          |
| 25                   | LG Jutta        |                | 105   | 100          | -            | 107  | 106         |
| 26                   | Medalistka      |                | 95  | 100          | -            | 101  | 98          |
| 27                   | RGT Kicker      |                | 98  | 100          | -            | 98   | 98          |
| 28                   | KWS Spencer     |                | 91  | -            | -            | 100  | 96          |
| 29                   | KWS Firebird    |                | 99  | -            | -            | 97   | 98          |
| 30                   | RGT Metronom    |                | 104   | -            | -            | 97   | 101         |
| 31                   | RGT Bilanz      |                | 106   | -            | -            | 104  | 105         |
| 32                   | Tytanika        |                | 77  | -            | -            | 112  | 94          |
| 33                   | Owacja          |                | 99  | -            | -            | 103  | 101         |

Wzorzec – średnia dla wszystkich badanych odmian;

F<sub>1</sub> – odmiana mieszańcowa;

LOZ – Lista Odmian Zalecanych