| 2017 Saskatchewan Lentil Regional Variety Trial Results | | | Region | South West Brown & Dark Brown Soil Zone | | | | | Central Dark Brown Soil Zone | | | North Black Soil Zone | | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Site | Elrose | Hodgeville | Limerick | Swift Current | Lucky Lake | Saskatoon (Sutherland) | Saskatoon (Skarsgard) | Scott | Melfort | Rosthern | |
| | | | Soil Zone | B | B | B | B | DB | DB | DB | DB | THB | TB | |
| NAME | Herbicide Tolerance | PBR Status | Type | % Yield of Check Variety | | | | | | | | | | |
| CDC Impala* | CL | | ESR | 82 | 90 | 94 | 83 | 84 | 80 | 67 | 53 | 73 | 65 | **74** |
| CDC Roxy* | | | ESR | 94 | 134 | 112 | 96 | 107 | 99 | 82 | 102 | 93 | 80 | **95** |
| IBC 978** | CL | A | ESR | 95 | 125 | 99 | 94 | 100 | 82 | 80 | 84 | 81 | 76 | **86** |
| 3674-15** | | A | SR | 114 | 141 | 121 | 107 | 113 | 110 | 100 | 144 | 102 | 109 | **112** |
| 4371-4** | | A | SR | 103 | 124 | 121 | 110 | 113 | 92 | 96 | 119 | 101 | 103 | **104** |
| CDC Dazil* | CL | | SR | 99 | 125 | 113 | 98 | 116 | 83 | 88 | 80 | 92 | 99 | **95** |
| CDC Imax* | CL | | SR | 101 | 127 | 137 | 108 | 113 | 91 | 68 | 84 | 98 | 66 | **92** |
| CDC Maxim* | CL | | SR | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | **100** |
| CDC Proclaim* | CL | PBR'91 | SR | 120 | 119 | 119 | 106 | 112 | 100 | 82 | 80 | 102 | 96 | **100** |
| CDC Redmoon* | | PBR'91 | SR | 113 | 142 | 125 | 110 | 108 | 110 | 93 | 104 | 108 | 96 | **107** |
| CDC Scarlet* | | | SR | 102 | 121 | 104 | 106 | 111 | 79 | 96 | 108 | 101 | 94 | **98** |
| CDC Impulse* | CL | PBR'91 | MR | 97 | 127 | 123 | 118 | 114 | 104 | 103 | 115 | 110 | 99 | **108** |
| CDC KR-2* | CL | PBR'91 | LR | 104 | 116 | 115 | 111 | 105 | 85 | 88 | 56 | 96 | 88 | **93** |
| CDC Asterix* | | | ESG | 90 | 125 | 109 | 92 | 100 | 79 | 77 | 77 | 83 | 80 | **86** |
| CDC Imvincible* | CL | | SG | 102 | 121 | 114 | 104 | 107 | 98 | 67 | 87 | 86 | 74 | **90** |
| CDC Kermit* | | PBR'91 | SG-V | 106 | 129 | 113 | 88 | 110 | 103 | 91 | 92 | 103 | 96 | **101** |
| CDC Greenstar* | | | LG | 124 | 159 | 127 | 112 | 116 | 76 | 65 | 125 | 96 | 78 | **96** |
| CDC Impower* | CL | | LG | 78 | 100 | 75 | 52 | 66 | 74 | 45 | 43 | 70 | 56 | **64** |
| IBC 937** | CL | A | LG | 86 | 118 | 103 | 74 | 95 | 89 | 68 | 69 | 73 | 84 | **82** |
| CDC SB-3* | CL | PBR'91 | SB | 95 | 120 | 118 | 108 | 97 | 93 | 74 | 73 | 85 | 81 | **89** |
| IBC 929** | CL | A | SB | 106 | 121 | 124 | 102 | 103 | 98 | 78 | 138 | 96 | 98 | **101** |
| CDC Marble* | | | FG | 102 | 98 | 98 | 71 | 102 | 81 | 94 | 111 | 73 | 84 | **88** |
| CDC QG-2* | | | FG-GC | 100 | 103 | 95 | 90 | 99 | 72 | 80 | 83 | 83 | 76 | **84** |
| CDC QG-3* | CL | PBR'91 | GC | 100 | 104 | 103 | 94 | 100 | 69 | 54 | 79 | 67 | 61 | **75** |
| CDC QG-4 | CL | A | GC | 101 | 114 | 118 | 100 | 107 | 75 | 77 | 86 | 88 | 76 | **88** |
| **CDC Maxim (Check variety) yield in bu/ac** | | | | 21.7 | 19.7 | 17.2 | 20.0 | 22.9 | 56.0 | 52.0 | 21.9 | 62.9 | 54.7 | **38.5** |
| Average of all varieties (% of check) | | | | 99 | 120 | 109 | 98 | 102 | 90 | 82 | 96 | 91 | 87 | 92 |
| CV | | | | 11.0 | 17.4 | 8.6 | 11.9 | 7.9 | 14.1 | 14.9 | 17.4 | 5.4 | 9.6 | |
| LSD | | | | 15 | 29 | 13 | 18 | 11 | 17 | 17 | 28 | 7 | 11 | |
| *Included in Varieties of Grain Crops 2018 | | | | | | | | | | | | | | |
| **Registration in process | | | | | | | | | | | | | | |
| Herbicide Tolerance - CL stands for ClearField | | | | | | | | | | | | | | |
| Soil Zones - B=Brown, DB=Dark Brown, THB=Thin Black, TB=True Black | | | | | | | | | | | | | | |
| Plant Breeders' Rights Status = UPOV'91, UPOV'78, A=Applied for PBR'91 at time of publication | | | | | | | | | | | | | | |
| Type: SR=Small Red, MR=Medium Red, LR=Large Red, ESG=Extra Small Green, SG=Small Green, LG=Large Green, SB=Spanish Brown, FG=French Green, GC=Green Cotyledon | | | | | | | | | | | | | | |