Description
CDC Marble is a small-seeded French green lentil variety. In 10 years of testing in the co-op and regional trials in Saskatchewan, CDC Marble yielded 102% of the small red lentil check variety CDC Maxim in the Brown and Dark Brown soil zones, and 98% in the Black and Dark Grey soil zones (Table 1). Although CDC Marble does not have Imidazolinone tolerance, it is significantly higher yielding than the CL French green lentil variety CDC Peridot. CDC Marble does not have PBR protection.

Strengths
• Early maturity
• High yield
• Good resistance to Ascochyta blight
• Tall – improved harvestability
• Good lodging tolerance
• Plump seed relative to CDC LeMay

Neutral
• Fair resistance to Anthracose

Weaknesses
• Not tolerant to imidazolinone herbicides

YEAR RELEASE TO SELECT SEED GROWERS
2013

SUB-LICENSED OUTSIDE OF SK
No

INTERNATIONAL DISTRIBUTION RIGHTS
FP Genetics

BREEDER
Dr. Albert Vandenberg
Crop Development Centre
University of Saskatchewan
Saskatoon, SK

PLANT BREEDERS RIGHTS
No
Table 1: Agronomic Performance in the Co-op and Regional Trials in Saskatchewan for French Green Lentil Varieties vs. Small Red Check Variety CDC Maxim

Adapted from Varieties of Grain Crops 2019

<table>
<thead>
<tr>
<th>VARIETY</th>
<th>MARKET CLASS</th>
<th>HERBICIDE TOLERANCE</th>
<th>YEAR OF RELEASE</th>
<th>YEARS TESTED</th>
<th>AREA 1-2*</th>
<th>AREA 3-4*</th>
<th>ASCOCHYTA</th>
<th>ANTHRACNOSE (RACE 1)</th>
<th>DISEASE RESISTANCE</th>
<th>DAYS TO FLOWER</th>
<th>HEIGHT (CM)</th>
<th>MATURITY RATING</th>
<th>SEED WEIGHT (G/1000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDC MAXIM</td>
<td>SMALL RED</td>
<td>CL</td>
<td>2007</td>
<td>12</td>
<td>100</td>
<td>100</td>
<td>GOOD</td>
<td>GOOD</td>
<td>GOOD</td>
<td>51</td>
<td>34</td>
<td>EARLY-MID</td>
<td>40</td>
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<tr>
<td>CDC PERIDOT</td>
<td>FRENCH GREEN</td>
<td>CL</td>
<td>2008</td>
<td>8</td>
<td>84</td>
<td>94</td>
<td>GOOD</td>
<td>POOR</td>
<td>GOOD</td>
<td>48</td>
<td>37</td>
<td>EARLY</td>
<td>38</td>
</tr>
<tr>
<td>CDC MARBLE</td>
<td>FRENCH GREEN</td>
<td>NO</td>
<td>2013</td>
<td>10</td>
<td>102</td>
<td>98</td>
<td>GOOD</td>
<td>FAIR</td>
<td>GOOD</td>
<td>49</td>
<td>36</td>
<td>EARLY</td>
<td>34</td>
</tr>
</tbody>
</table>

Source: Varieties of Grain Crops 2019 (SaskSeed Guide)

*Area 1: Brown soil zone; Area 2: Dark brown; Area 3: Black; Area 4: Dark grey

For more information, visit saskpulse.com