Winter Pea

*Pisum sativum*

**Season type:** Winter legume

**Uses**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Rating</th>
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<tr>
<td>Compaction reduction</td>
<td>F</td>
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<td>Residue persistence</td>
<td>F</td>
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<tr>
<td>Erosion control</td>
<td>VG</td>
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<td>Weed control</td>
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</table>

E=Excellent; VG=Very Good; G=Good; F=Fair; P=Poor/None

**Seeding rate:** 60 to 90 lb/acre

**Inoculant:** Pea-type

**Planting date:** September

**Production**

- Residue: 5,000 to 8,000 lb/acre
- Nitrogen: 90 to 150 lb N/acre

**Surface residue**

Grows as a vine, similar to vetch. Lots of residue, but can decompose relatively quickly because of the high-nitrogen content.

**Nitrogen fixation**

A legume, winter pea provides up to 150 pounds of nitrogen per acre.

**Weed control**

Winter pea produces some compounds that inhibit weeds.

**Compaction reduction**

F

**Attract beneficials**

VG

**Residue persistence**

F

**Nitrogen scavenger**

F

**Erosion control**

VG

**P & K scavenger**

F

**Weed control**

G

**Forage quality**

VG

**Nematode control**

G

**Erosion control**

VG

**P & K scavenger**

F

**Compaction reduction**

F

**Attract beneficials**

VG

**Residue persistence**

F

**Nitrogen scavenger**

F

**Erosion control**

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**P & K scavenger**

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