

Pea (Field) SEED TREATMENT

| Chemical | Application | Dosage ¹ | Control ² of Seedling Blight ³ | Remarks |
|--|--------------------------|-----------------------|--|---|
| Azoxystrobin Dynasty 9.6% | Slurry | 0.153-0.765 fl oz/A | X | |
| Captan Captan 75% | See label for directions | 1 oz/bu | X | Does not control seed-borne <i>Ascochyta</i> . |
| Fludioxonil Maxim 4FS, 40.3% | Slurry | 0.08-0.16 fl oz/cwt | X | For seed-borne and soil-borne fungi. |
| Fludioxonil + Mefenoxam Maxim XL 21% : 8.4% | Slurry | 0.167-0.334 fl oz/cwt | X | For seed-borne and soil-borne fungi and <i>Pythium</i> and <i>Phytophthora</i> . |
| Mefenoxam Apron XL LS, 32.3% | Slurry or mist | 0.32-0.64 fl oz/cwt | X | Use 0.32-0.64 fl oz/cwt for <i>Pythium</i> damping off. For early season <i>Phytophthora</i> , use 0.64 fl oz/cwt. |
| Mefenoxam + Fludioxonil Apron Maxx RTA 1.1%:0.73% | Slurry | 5 fl oz/cwt | X | Sec 24 (C) for North Dakota; control of seed rots due to <i>Pythium</i> , <i>Phytophthora</i> , <i>Fusarium</i> , <i>Rhizoctoria</i> . Also suppresses seed-borne <i>Sclerotinia</i> and <i>Phomopsis</i> spp. |
| Mefenoxam + Fludioxonil + Thiamethoxam Cruiser Maxx 1.7%:1.12%:22.61% | Slurry or mist | 1.5 fl oz/cwt | X | For seed-borne and soil-borne fungi and insects. |
| Metalaxyl Acquire, 28.35% | Mist or slurry | 0.75 fl oz/cwt | X | For <i>Pythium</i> damping off. See labels for higher rates for systemic downy mildew. Apron Dry Seed Protectant for drill box application to seed not previously treated with Apron. Thorough mixing of fungicide and seed is essential for good control. |
| Allegiance FI, 28.35% Sebring 318 FS, 28.35% | Mist or slurry | 0.75 fl oz/cwt | X | |
| Allegiance Dry Seed Protectant 12.5% | Drill box | 4 fl oz/cwt | X | |
| Dyna-Shield, 28.35% | Slurry | 0.75 fl oz/cwt | X | |
| Pyraclostrobin Stamina, 18.4% | Slurry or mist | 0.38-1.52 fl oz/cwt | X | |
| Thiabendazole Mertect 340-F, 42.3% | Slurry | 1.05 fl oz/cwt | X | For seed-borne control of <i>Ascochyta rabiei</i> . |
| Trifloxystrobin Trilex, 22% | Slurry | 0.32 fl oz/cwt | X | For seed-borne and soil-borne fungi. |
| Trifloxystrobin + Metalaxyl Trilex 2000, 7.12%:5.69% | Slurry or mist | 1.0 fl oz/cwt | X | For seed-borne and soil-borne fungi. |

¹Dosage = Amount of formulated product to apply.

²X = Product labeled for crop and disease; Blank = product not labeled for specific disease.

³Seedling blights due to various fungal infections of seed.

Note: Some seed treatments may affect *Rhizobia* inoculants; read inoculant label for specific information.

Pea (Field) BIOLOGICAL SEED TREATMENT

| Chemical | Application | Dosage ¹ | Control ² of Seedling Blights ³ | Remarks |
|--|-------------|---------------------|---|--|
| Organism <i>Bacillus subtilis</i> GB 03 Kodiak, 2.75% | Slurry | 0.125 oz/cwt | X | Suppression of root diseases caused by Rhizoctonia and Fusarium. |
| <i>Bacillus pumilus</i> GB 34 Yield Shield, 0.28% | Slurry | 0.102/cwt | X | |

¹Dosage = Amount of formulated product to apply.

²X = Product labeled for crop and disease; Blank = product not labeled for specific disease.

³Seedling blights due to various fungal infections of seed.

Note: Some seed treatments may affect Rhizobia inoculants; read inoculant label for specific information.

Pea (Field) FOLIAR SPRAYS

| Chemical (Fungicide Group) | Application ¹ | Dosage ² | Control ³ of Powdery Mildew | Control ³ of Ascochyta Blight | Remarks |
|---|--------------------------|---------------------|--|--|--|
| <i>Bacillus subtilis</i> strain QST 713 (44) Serenade ASO | Spray or fungigation | 2-6 qt/A | | | Begin applications when environmental conditions and plant stage are conducive to disease development. |
| Prothioconazole (3) Proline 480 SC, 41% | Spray | 5.0-5.7 fl oz/A | | X | Apply at early flowering or at the first sign of disease. Use higher rate when conditions are favorable for severe disease pressure and/or when growing more susceptible varieties. Do not make more than three applications per year. Repeat applications as needed on a 5- to 14-day interval. Do not apply within 7 days of cutting or swathing the crop for harvest. |
| Qois Azoxystrobin (11) Quadris, 22.9% | Spray or fungigation | 6.2-15.4 fl oz/A | X | X | Resistance statement 5 ⁴ . |
| Pyraclostrobin (11) Headline, 23.6% | Spray or fungigation | 6-9 fl oz/A | X | X | |
| Sulfur (M) Kumulus DF, 80% | Spray or fungigation | 3-5 lb/A | X | | Sulfur has been used in Wisconsin and the Prairie Provinces of Canada. Its economic return has not been determined for North Dakota. |
| Liquid Sulfur Six, 52% | Spray or fungigation | 3-4 pt/A | X | | |
| Micro Sulf, 80% | Spray or fungigation | 3-5 lb/A | X | | |
| Microthiol Disperss, 80% | Spray or fungigation | 7 lb/A | X | | |

¹Spray = ground or aerial; Fungigation = application through sprinkler irrigation system.

²Dosage = Amount of formulated product to apply.

³X = Product labeled for crop and disease; Blank = product not labeled for specific disease.

⁴See fungicide resistance management statement on Page 10.