

# Product Bulletin

## Flo Rite® 1197 – Plantability Polymer

**Flo Rite 1197** is the newest plantability polymer from Becker Underwood.

**Flo Rite 1197** can be used in continuous flow or batch treating equipment with either slurry or direct injection systems.

**Flo Rite 1197** should be used with commercial seed treatments to improve plantability, seed flow in seed conditioning facilities, seed coverage, appearance, and reducing dust-off of actives during and after the seed treatment process.

**Flo Rite 1197's** unique properties allow it to be added along with your active seed treatment components, Color Coat™ (color of choice) in your slurry tank and applied at the same time no matter what the use rate is of most actives. There is no need for multiple pumps, multiple polymers or multiple applications, which can prove to be costly and time consuming. Talc or additional polymers are not required during application.

### **Flo Rite 1197 - Advantages & Features**

- Improves plantability
- Improves seed coverage and appearance
- Fast dry down time – reducing accumulation of treatment materials on treater and transport surfaces
- Excellent dust-off suppression of treatment materials during and after the seed treatment process
- Only one polymer needed for varying use rates of most actives
- No need for multiple polymers, pumps, and applications
- Improves seed flow in seed conditioning facilities
- Water based, neutral pH, low viscosity, and easy clean up
- Eliminates the need for talc during seed treatment application

### **Handling Precautions:**

- **Always follow manufacturers label recommendations**
- **Keep out of reach of children**
- **Keep product from freezing**
- **Shake well or agitate prior to use**

### **Directions and use rates - Flo Rite 1197 and neonicotinoid insecticide product needed\***

#### **Field Corn:**

With neonicotinoid insecticide products applied at a rate of 0.25 mg ai / seed, apply Flo Rite 1197 at 0.46 mg/ seed (2.0 fl. oz. / cwt based on 1400 kernels per pound).

With neonicotinoid insecticide products applied at a rate of 0.5 mg ai / seed, apply Flo Rite 1197 at 0.92 mg/ seed (4.0 fl. oz. / cwt based on 1400 kernels per pound).

With neonicotinoid insecticide products applied at a rate of 1.25 mg ai / seed, apply Flo Rite 1197 at 2.2 mg/ seed (9.5 fl. oz. / cwt based on 1400 kernels per pound).

\*Suggested combination rates. Some variation may occur. Adjust the rates to obtain the desired coverage due to seed size, seed coat, conditioning equipment, and total slurry.

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**Flo Rite 1197 use rate with  
neonicotinoid insecticide at a  
rate of 0.25 mg ai / seed**

Seeds/lb	mg/lb	fl.oz./cwt
1400	649	2.00
1450	672	2.07
1500	695	2.14
1550	718	2.21
1600	741	2.29
1650	764	2.36
1700	787	2.43
1750	811	2.50
1800	834	2.57
1850	857	2.64
1900	880	2.71
1950	903	2.79
2000	926	2.86

**Flo Rite 1197 use rate with  
neonicotinoid insecticide at a  
rate of 0.50 mg ai / seed**

Seeds/lb	mg/lb	fl.oz./cwt
1400	1297	4.00
1450	1343	4.14
1500	1390	4.29
1550	1436	4.43
1600	1482	4.57
1650	1529	4.71
1700	1575	4.86
1750	1621	5.00
1800	1668	5.14
1850	1714	5.29
1900	1760	5.43
1950	1807	5.57
2000	1853	5.71

**Flo Rite 1197 use rate with  
neonicotinoid insecticide at a  
rate of 1.25 mg ai / seed**

Seeds/lb	mg/lb	fl.oz./cwt
1400	3080	9.50
1450	3190	9.84
1500	3300	10.18
1550	3410	10.52
1600	3520	10.86
1650	3630	11.20
1700	3740	11.54
1750	3851	11.88
1800	3961	12.21
1850	4071	12.55
1900	4181	12.89
1950	4291	13.23
2000	4401	13.57

- 1 fl. oz. of Flo Rite 1197 delivers 32.5 grams of product.
- Growers should continue to follow their planter manufacturer's recommendation for seed/planter lubricant requirements (graphite or talc).

**Package Size:**

- 2 x 10 kg (2 x 2.41 gal) 36 cases per pallet
- 125 kg (30.12 gallons) 5 drums per pallet
- 1000 kg (240.94 gallons) 1 tote per pallet
  - Drum includes a Micro Matic fitting

<u>Product</u>	<u>Container</u>	<u>Treats*</u>	<u>CWT</u>
Flo Rite 1197	2 x 10 kg (2 x 2.41 gal)	0.46 mg / kernel (2.0 fl. oz. / cwt)	308
Flo Rite 1197	2 x 10 kg (2 x 2.41 gal)	0.92 mg / kernel (4.0 fl. oz. / cwt)	154
Flo Rite 1197	2 x 10 kg (2 x 2.41 gal)	2.2 mg / kernel (9.5 fl. oz. / cwt)	65
Flo Rite 1197	125 kg (30.12 gal)	0.46 mg / kernel (2.0 fl. oz. / cwt)	1,928
Flo Rite 1197	125 kg (30.12 gal)	0.92 mg / kernel (4.0 fl. oz. / cwt)	964
Flo Rite 1197	125 kg (30.12 gal)	2.2 mg / kernel (9.5 fl. oz. / cwt)	406
Flo Rite 1197	1000 kg (240.94 gal)	0.46 mg / kernel (2.0 fl. oz. / cwt)	15,420
Flo Rite 1197	1000 kg (240.94 gal)	0.92 mg / kernel (4.0 fl. oz. / cwt)	7,710
Flo Rite 1197	1000 kg (240.94 gal)	2.2 mg / kernel (9.5 fl. oz. / cwt)	3,246

\* Rates based on 1400 kernels per pound.

**To place orders or for technical assistance:**

**Becker Underwood Customer Service: Adrienne Drescher (800) 892-2013**

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