

Flo Rite Plantability Polymer

technology sheet

An effective way to protect the existing seed coating to improve adhesion of active ingredients to the seed, improve seed flow when planting and reduce dust-off.

- Keep seed applied crop protection products on seed
- Preserve the value of the seed treatment
- Reduce dust-off, enhance seed flow and improve plantability for less skips and doubles in the field

Functional polymers

Flo Rite® 1197
or
Flo Rite 1706

Formulation

Water-based suspension
with neutral pH

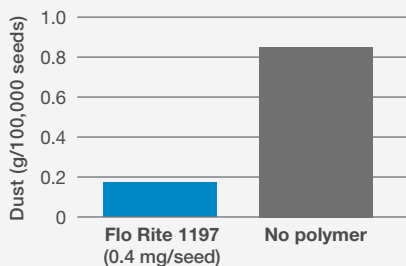
One case contains

2 x 8.2 L jugs
Also available in 103 L drum
and 822 L tote

Storage

2-year shelf life. Store away from
heat. Protect from direct sunlight
and freezing.

Enhanced dust suppression on seed^{1,2}.



Source: BASF, 2015.

Crops

Flo Rite 1197

Corn

Treatment

Applied directly on seed

Flo Rite 1706

Soybeans, field peas, dry beans

Applied directly on seed

How it works

Flo Rite plantability polymer products provide improved adhesion of active ingredient(s) to the seed, keeping the existing seed treatment on seed while reducing tackiness, seed bridging and clumping of seed.

Through these properties, the flow of seed treatments applied and their coverage on seed are improved. Planting also becomes more efficient with improved speed and accuracy with less skips and doubles. This provides the potential for enhanced plant population management while reducing dust-off during planting.

Application on seed will differ based on the following considerations:

- application rate
- seed shape
- chemical seed treatments included
- seed size
- crop type
- seed texture

¹ Values are means of dust collected on glass micro-fiber filters from 100 gram seed samples agitated for 2 minutes at 30 rpm in a rotating flask while simultaneously aspirated at 20 L/minute using a **Heubach dust meter**.

² All seed treated with fungicide, neonicotinoid insecticide and Color Coat Red (0.33 fl.oz./cwt).

Flo Rite® 1197

Plantability Polymer

Flo Rite® 1706

Plantability Polymer



Disc without using Flo Rite.



Disc after using Flo Rite.

For more information:

Call **AgSolutions®** Customer Care at 1-877-371-BASF (2273)

Visit agsolutions.ca

Application rates

Flo Rite 1197

One case of Flo Rite 1197 plantability polymer treats 2,648 (2.6 tonnes) to 12,586 kg (12.6 tonnes) of seed. One drum treats 16,632 (16.6 tonnes) to 79,048 kg (79 tonnes) of seed. One tote treats 132,731 (132.8 tonnes) to 630,852 kg (630.8 tonnes) of seed.

Crop ³	ml per 100 kg of Seed	kg of Seed Treated Per Package Size by Application Rate		
		2 x 10 kg (16.4 L)	1 x 125 kg (103 L)	1 x 1000 kg (822 L)
Non-neonicotinoid insecticide	130.3	12,586	79,048	630,852
Neonicotinoid at 0.25 mg ai/seed	130.3	12,586	79,048	630,852
Neonicotinoid at 0.50 mg ai/seed	260.8	6,288	39,494	315,184
Neonicotinoid at 1.25 mg ai/seed	619.3	2,648	16,632	132,731

Flo Rite 1706

One case of Flo Rite plantability polymer treats 25,115 kg (25.1 tonnes) of seed. One drum treats 157,734 kg (157.7 tonnes) of seed. One tote treats 1,258,806 kg (1,258.8 tonnes) of seed.

Crop	ml per 100 kg of Seed	kg of Seed Treated Per Package Size by Application Rate		
		2 x 10 kg (16.4 L)	1 x 125 kg (103 L)	1 x 1000 kg (822 L)
Seed treatment ⁴	65.3	25,115	157,734	1,258,806

Mixing order

1. Shake well or agitate prior to use.
2. Start and maintain constant agitation throughout entire mixing and treatment process.
3. Add seed treatment materials per their label instructions.
4. Add Color Coat colourant and Flo Rite.
5. Add inoculant if applicable.
6. Fill water volume to desired volume if required.

Application tips

Begin at low rate and evaluate if more product is needed.

Do not apply to food or feed crops or grain after harvest. A spray shield is recommended for applications if over spray or drift is a potential problem.

Do not discharge into subsoil/soil, drains, surface water and groundwater.

Tank mixes

Always check compatibility of all components in the treatment slurry prior to large scale mixing.

If a rhizobial product is used, apply from a separate tank.

³Includes fungicide within each seed treatment combination and varying level of neonicotinoid ai/seed.

⁴Includes fungicide or fungicide and insecticide seed treatments.

Always read and follow label directions.

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