



CBL-Chatham Biotec Ltd
761 Hillsborough Rd
Riverview, New Brunswick
Canada E1B 3W1

T001 506 854 7253
F001 506 854 5894
www.chathambiotec.com

Application Procedure of the Product and Post-Application Measures:

- Use sites: - The locations and use sites where applicable (e.g., indoors and/or outdoors)

Corn fields and other cereal crops for aquaculture use

- Area that can be treated in a work day: - Maximum area that can be typically treated in one work day (8 hrs) by a domestic user and/or by a custom applicator

A 12 row planter can plant 15.3 acres/hr or 122.4 acres per 8 hr day

- Method of Application: - Typical methods of application employed, description of equipment used

Depending on size of farm the seed planter could be 1-26 row planter, most are hauled by a farm tractor. The row is opened by a plow, the seed feed from a bin and dropped one at a time at a certain spacing and then another plow closed the opening burying the seed.

- Individuals Involved: - Describe typical tasks of individuals (e.g., whether same or different person involved in mixing/loading and applying)

Depending on the size of the farm. On an average size farm, 1000 acres, the Avipel dry powder is mixed 56.7 grams per 11.34 kg of seed in an enclosed mix hopper and blended. The coated seed is feed from the mix hopper into the planter holding bin by an enclosed auger. Then the operator plants the fields, one person could mix and plant 1000 acres in less than 10 days.

- Mixing/Loading Method: - Tasks involved in mixing and loading, open or closed mixing and loading, equipment used, duration and frequency of mixing/loading, number of mix/load cycles typical per work day.

Place the amount of seeds in the mix hopper required for the planting day. The number of canisters 454 grams of Avipel dry powder is put into the hopper box at the ratio of 56.7 grams per 11.34 kg of seed. The coloring agent is not required as Avipel dry powder is a natural colorant light tan and product is mixed according to hopper box blender equipment manufactures specification. The mixed product is transported from the hopper to the planting machine by the planters' enclosed utility auger or other form of conveying system. The operator plants the required fields.

- Application rate(s): - Rate of application, quantity of formulation handled in a day (8 hrs), quantity of active ingredients handled in a day

Depending on size of farm. For 12 row planter 15.3 acres per hr 122.4 acres in 8 hrs. This would require 4.9 kilograms of Avipel Dry.

- Application timing: Number of applications per season, frequency and timing of application

One application per season upon planting of corn

- Clean-up and Repair Activities: - Tasks involved in clean-up and repair, duration and frequency of these tasks, who performs these tasks

The farmer would have to dispose of cardboard canisters and clean out equipment at end of planting season.

- Principal Sources of Exposure

Surface contact with skin, eyes or inhaling if Avipel Dry was not handled properly

- Personal Protective Equipment and Clothing: - Description of personal protective equipment and clothing proposed



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Use long-sleeved shirt and long pants, socks, shoes, chemical resistant gloves and goggles. Use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N,R,P or HE filter.

- Bystander exposure

Do not allow anyone near product or mixing or applying equipment

Post-application:

- Post-application activities

After planting Avipel Dry is biodegradable with 28 days. Due to 100% success rate in bird deterrent no requirement for replanting

- Re-Entry Activities: - Identify possible re-entry activities together with a description of the nature of the activity (e.g., tools used and the intensity of contact with treated surface)

Due to 100% success rate in bird deterrent no requirement for replanting

- Timing, Frequency and Duration of Re-Entry Activities: - Description of when each re-entry activity is carried out as well as frequency (i.e., how often per day/week/year) and duration of these activities (minutes, hours/day)

Due to 100% success rate in bird deterrent no requirement for replanting

- Principal Sources of Exposure: - Intensity or degree of contact with treated surface and principal body parts that come in contact with treated surface should be specified

Treated seed is enclosed in mixing hopper, utility augers and holding bins unit planted. If machinery breaks down and product has to be removed to fix equipment proper equipment described above must be worn.

- Personal Protective Equipment and Clothing: - Description of personal protective equipment worn by workers re-entering treated area

Due to 100% success rate in bird deterrent no requirement for replanting. Use long-sleeved shirt and long pants, socks, shoes, chemical resistant gloves and goggles. Use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N,R,P or HE filter.