

# Proper Application Procedures

## Bin & Warehouse Treatment

**IMPORTANT: All steps are necessary  
for optimal grain protection**

1. Clean bins. Bins should be free of all debris above & below floors.
2. Ensure all holes are sealed.
3. Treat bins by spraying or fogging.
4. Clean perimeter of bins of weeds and debris so bugs can't hide.
5. Treat perimeter of bins.
6. Spray the grain stream as it is transferred into storage.

### Spraying the Grain Stream

1. Determine application location.
2. Determine the speed of the grain transfer & select Teejet tip(s) that match at lowest PSI.
3. Determine the quantity of grain to be treated.
4. **Mix products with 5 gallons (10 gallons for rice) of water per 1,000 bushels.** (See other side for grain-specific measurements)
5. Use chart to determine starting pump pressure to spray 5 gallons (10 gallons for rice by using 2x multiplier) of mixture to 1,000 bushels and calibrate your system to match ounces per minute necessary to match your grain flow rate.
6. Calibrate system before each use.

### Option 1: Interior & Exterior Spraying

In a backpack or hand sprayer, mix:

⇒ 3.5 oz of **GRAVISTA**  
(3.5 oz of **CENTYNAL SI** can be substituted for exterior use)

⇒ Per 1 gallon of water

And apply a course spray to:

- Equipment
- Wall & floor surfaces of bins & warehouses
  - 6 feet up inside
  - 3 feet up on the foundation
- Band of soil 6-10 feet wide around
- Repeat exterior treatment every 7-10 (or immediately after rain) days during bug season.

At a rate of 1 gallon per 1,000 square feet BEFORE handling grain.

**>>Do NOT allow product runoff.<<**

See the label for detailed instructions.

### Option 2: Interior Fogging

1. Measure the space to be fogged and calculate the volume.\*
2. Mix 1.25 ounces Diacon® IGR, 11 ounces Pylonyl™ Crop Spray and 116 ounces of water per 128,000 cubic ft of space for crawling insects. This is a total of 1 gallon.
3. Close up the treated area during application and for 30 minutes after (no grain covering is required). The area to be fogged must be reasonably air-tight so fog can be held for at least 30 minutes, per label instructions.

Interior fogging can also be done after grain is stored, but not instead of pre-storage.

**\*Fogging how-to guide, including area calculations, all labels, & the latest PDF versions of this sheet are available here:**

**[www.realmccoy.ag/support](http://www.realmccoy.ag/support)**

### Teejet Tip Selection Chart

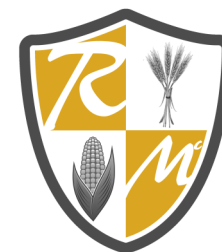
Spray Tip	Bu/Hr	Gal/Min	Gal/Hr	PSI	*OZ/MIN	Spray Tip	Bu/Hr	Gal/Min	Gal/Hr	PSI	*OZ/MIN
TT1102	1440	0.12	7.2	15	15	TT11006	5100	0.43	25.5	20	54
TT1102	1680	0.14	8.4	20	18	TT11006	5500	0.46	27.5	24	59
TT1102	1800	0.15	9	25	19	TT11006	5750	0.48	28.75	26	61
TT1102	2040	0.17	10.2	30	22	TT11006	6000	0.50	30	28	64
TT110025	2160	0.18	10.8	20	23	TT11006	6240	0.52	31.2	30	67
TT110025	2400	0.2	12	25	26	TT11008	6600	0.55	33	18	70
TT110025	2640	0.22	13.2	30	28	TT11008	6840	0.57	34.2	20	73
TT11004	2880	0.24	14.4	15	31	TT11008	7200	0.60	36	22	77
TT11004	3000	0.25	15	17	32	TT11008	7620	0.64	38.1	27	81
TT160-11004	3360	0.28	16.8	20	36	TT11008	8040	0.67	40.2	29	86
TT11004	3500	0.3	18	24	38	TT11008	8280	0.69	41.4	30	88
TT11005	3720	0.31	18.6	15	40	TT11008	8760	0.73	43.8	34	93
TT11005	3960	0.33	19.8	17	42	TT11008	9250	0.77	46.25	37	99
TT160-11004	4200	0.35	21	30	45	TT11008	9600	0.8	48	40	102
TT11006	4500	0.38	22.5	16	48	TT11008	10680	0.89	53.4	50	114
TT11006	4800	0.4	24	17	51.2	TT11008	11760	0.98	58.8	60	125

This guide is for choosing a starting PSI. Calibrate the flow rate yourself using OZ/MIN.



Help is just a  
click or call away!

**REAL MCCOY  
ENTERPRISES**  
1844 REAL GRAIN  
[WWW.REALMCCOY.AG](http://WWW.REALMCCOY.AG)



Ver User 1.13.2022



# REAL M<sup>C</sup>COY ENTERPRISES

## Adulticide with Synergist

Revised 10/14/2022

(Deltamethrin & Piperonyl Butoxide)

New for 2022



Great Rescue treatment or 4-6 months storage!

Spray the grain stream as it goes on the truck or railcar and deliver in about 24 hours.

Spray the grain stream at it enters storage and keep it bug free for 4-6 months.

### Commodity

Wheat  
Rice  
Corn/Popcorn  
Barley  
Sorghum (Milo)/Rye  
Oats

### Application Rate per 1000 Bu

OZ	ML
38	1,124
28.5	843
35.6	1,053
31	916
35.6	1,053
20.38	603

### Bushels Per 2.5 Gallons

CENTYNAL SI
8,421
11,228
8,989
10,323
8,989
15,702

### Approximate Cents/Bu

Cents/Bu
5.5
4.0
5.0
4.5
5.0
3.0

### Count in case

2x2.5 Gallons

## IGR with Adulticide & Synergist

(S-Methoprene + Deltamethrin + Piperonyl Butoxide)

New for 2022



Excellent long-term protection for on grain stream, bin spray, & perimeter spray.

### Commodity

Wheat  
Rice (w/ 10 gal H<sub>2</sub>O)  
Corn/Popcorn  
Barley  
Sorghum (Milo)/Rye  
Oats

### Application Rate per 1000 Bu

OZ	ML
38	1,124
28.5	843
35.6	1,053
31	916
35.6	1,053
20.38	603

### Bushels Per 2.5 Gallons

GRAVISTA
8,421
11,228
8,989
10,323
8,989
15,702

### Approximate Cents/Bu

Cents/Bu
8.0
6.0
8.0
7.0
8.0
0.0

### Count in Case

2x2.5 Gallons

## Natural Pyrethrin Adulticide with PBO-8 plus IGR



Rescue Treatment  
Long-Term Storage w/ 4 oz Diacon  
Fogging w/ 3ml Diacon IGR

### Application Rate

oz per 1000 Bu
22.0
22.0
0.8 oz/10,000 cu ft

### Bu/Quart

Bu/Quart
1,454
1,454
400k cu ft/Qt

### Approximate Cents/Bu

Cents/Bu
6.7
9.3
\$2.20/10k cu ft

### Count in Case

Crop Spray 6x1 Quarts  
Crop Spray 4x1 Gallons  
Diacon 4x1 Gallons  
Diacon 2x2.5 Gallons  
Diacon 4x1 Liters

Premixed pyrethrin/synergist labeled for fogging with Diacon IGR, bin spray, & grain. Perfect for prepping bins for storage and smaller amounts of grains.

## Diacon IGR

(S-Methoprene)



DIACON® IGR is suitable to be used in the production of bulk or bagged animal feeds (including but not limited to: pet food, livestock feed, birdseed, and other animal feeds)

### Commodity

Feed  
Peanuts

### Application Rate per Ton

Ounces	ML
0.5	15
0.4	12

### Tons/Gallon

Tons/Gallon
256
307

### Approximate Cost/Ton

Cost/Ton
\$ 3.42
\$ 2.73

### Count in Case

4x1 Gallons  
2x2.5 Gallons  
4x1 Liters

Need Help? Call 1-844-732-5472 or email [Info@RealMcCoy.ag](mailto:Info@RealMcCoy.ag) | Always refer to label rates available at [RealMcCoy.ag/Support](http://RealMcCoy.ag/Support)

## NEED A FREE SPRAYER KIT?

Buy a minimum of 35 gallons of GRAVISTA or 50 Gallons of Centynal SI to get the pump kit with tank for free! Tanks range from 30 to 270 gallons depending on your needs. Assembly required. Details at [www.RealMcCoy.ag/Sprayer](http://www.RealMcCoy.ag/Sprayer)



## Products Available for Quick Shipment

GRAVISTA

Diacon Liquid & Dry

Centynal SI

PBO-8

Crop Spray



2.5 Gallon



Gallon



2.5 Gallon



40lb Box



2.5 Gallon



Gallon



Gallon



Quart