



syngenta®

Force 6.5G application equipment

Force® 6.5G soil-applied corn insecticide is a high-load granular formulation for control of corn rootworm and other soil-dwelling insect pests. This formulation was developed by Syngenta to better meet the changing needs of today's corn growers who are looking for both superior performance and increased at-plant efficiency.

Through extensive application testing in both the lab and in the field, it has been demonstrated that Force 6.5G can be applied consistently and accurately through a variety of traditional or newer types of "open" granular application equipment.



Lab testing results

John Deere®, Kinze®, Case® IH and White® granular meters were tested in the lab with results confirming accurate application at **2.0 lbs per acre* of Force 6.5G, within 5% variation.**

John Deere®

Run	Run Time	Target Weight (grams)	Actual Weight (grams)	% off rate	
1	5 mins	68.65	25.2	63.29	
2	5 mins	68.65	54.6	20.47	
3	5 mins	68.65	72.5	5.61	
4	5 mins	68.65	69.7	1.53	Calibrated on the 4th run
5	5 mins	68.65	65.3	4.88	
6	5 mins	68.65	70.2	2.26	
7	5 mins	68.65	66.5	3.13	

Lab Testing: Force 6.5G
Rate: 2 lbs / A = 52 grams / 1000 linear ft.

Speed: 3 mph = 264 ft / min
Targeting: 13.73 g / min

Kinze®

Run	Run Time	Target Weight (grams)	Actual Weight (grams)	% off rate	
1	5 mins	68.65	12.3	82.08	
2	5 mins	68.65	84.2	22.65	
3	5 mins	68.65	65.5	4.59	Calibrated on the 3rd run
4	5 mins	68.65	74.2	8.08	
5	5 mins	68.65	66.3	3.42	
6	5 mins	68.65	68.7	0.07	
7	5 mins	68.65	69.2	0.80	

Lab Testing: Force 6.5G
Rate: 2 lbs / A = 52 grams / 1000 linear ft.

Speed: 3 mph = 264 ft / min
Targeting: 13.73 g / min

*2.0 lbs is the recommended labeled rate on 30" rows.

Field testing results

Trial #1 results:

The first trial evaluated the accuracy of three different meter types over eight acres. All three meters were calibrated successfully at the 2 lbs per acre rate and all three insecticide boxes emptied at the same rate over the eight acres.



White



Case IH



John Deere

Trial #2 results:

The second trial evaluated distribution of granules from the three most common granular insecticide meters. Consistent and even distribution at the target rate was achieved across all three meter types, which differed no more than 8% from each other over three replications.



White



Case IH



John Deere

Trial #3 results:

Successful “on farm” calibrations were completed with eight growers across Illinois, Minnesota and South Dakota using common granular metering systems.



Contact your local Syngenta retailer or sales representative to learn more about Force 6.5G and visit www.SyngentaUS.com/Force6.5G.

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