



GUIDE TO ACCURATE SOYBEAN PLANTING

SMALL TO NORMAL SEED SIZE			LARGE SEED SIZE	
2500 seeds per pound or greater, 56 lbs. or less per 140k unit			2500 seeds per pound or less (1800 to 2500), 56 lbs. per 140k unit or more	
John Deere Non-Vac (Finger Pickup Type Corn Planters) *1 *4 *5	Using Kinze Brush Meters – (2200 seeds/lb or more) Black Brush Type 60 Cell Seed Metering Plate Using Radial Metering Bean Plate – (3700 - 4500 seeds/lb) setting "A", (2800 - 3700 seeds/lb) setting "B"		Using Kinze Brush Meters – (2200 seeds/lb or less) Blue Brush Type 48 Cell Seed Metering Plate Using Radial Metering Bean Plate – (2000 - 2800 seeds/lb) setting "C"	
Kinze Non-Vac *2 *1 *5	(2200 seeds/lb or more) Black Brush Type 60 Cell Seed Metering Plate		(2200 seeds/lb or less) Blue Brush Type 48 Cell Seed Metering Plate	
John Deere Vac Planters *3 *1 *5	Only one disc option – Vacuum setting at 8		Only one disc option – Vacuum setting at 9 (test and adjust accordingly) If feeding problems persist – remove the elbow from the hose feeding the hopper	
John Deere ExactEmerge™ Meter *1 *8 Vacuum Level (in oz. water)	(3300-3100 seeds/lb) 8-10 (2900-2700 seeds/lb) 14-16	(3100-2900 seeds/lb) 10-14 (2700-2500 seeds/lb) 16-18	(2500-2300 seeds/lb) 18-19	(2300-2100 seeds/lb) 19-21
Kinze Vac Planters *2 *1 *5	Use 60 cell plate – Singular setting at 5 – Vacuum setting at 10		Use 60 cell plate – Singular setting of 5 – Start vacuum setting at 10 (Test and adjust accordingly)	
Case IH Vac Planters *6 *1 *5	(2600-3500 seeds/lb) 193017A1 disc – Singulator setting at 8 – Vacuum at 15-17" (3500-4500 seeds/lb) 87420630 disc or comparable – Singulator setting at 8 – Vacuum at 15-17" (2500-3500 seeds/lb) 87698875 disc or comparable – Singulator setting at 8 – Vacuum at 15-17"		(2000-3500 seeds/lb) 87698875 disc or comparable – Singulator setting at 8 – Vacuum at 15-17"	
White Vac Planters *7 *1 *5	(3000-4500 seeds/lb) Use 7000722513 (120 cell) disc – Air pressure at 1-3" (2000-3500 seeds/lb) Use 852432 (120 cell) disc of 30" rows – Air pressure at 2-2.5" (2000-3500 seeds/lb) Use 852433 (60 cell) disc of 15" rows – Air pressure at 2-2.5"		(2000-3500 seeds/lb) Use 852432 (120 cell) disc for 30" rows – Air pressure at 2-2.5" (2000-3500 seeds/lb) Use 852433 (60 cell) disc for 15" rows – Air pressure at 2-2.5" (Test and adjust accordingly)	

*1 Consult the operator's manual for additional talc/graphite recommendations

*2 One TBSP of graphite per hopper for a standard 2 bu hopper and 1-1.5 lbs of graphite per 50 unit container

*3 For central fill planters, use a 1/2 rate of talc for untreated beans and a full rate (corn rate) of talc with treated beans

*4 Add 3/8 TBSP of graphite per hopper

*5 Adjust speed as directed in the operator's manual

*6 Consult the operator's manual for seed disc RPM recommendations

*7 Do not exceed 35 RPM on seed disc

*8 Some seed sizes, shapes, and planting speed and seeding rate require vacuum levels be adjusted slightly

Always check the operator's manual.