

# Precision Planting®

## vSet Classic Crop Setup Guide

### Crop Setup Guide Instructions and notes

#### General notes:

1. eFlow Lubricant is recommended to use on all seeds at 1/8 - 1/4 cup per bag of seed depending on seed size. Do not over apply.
2. Color on Table corresponds to actual color of parts
3. **Bold** text indicates that part is included in the crop kit.

#### WaveVision Notes

1. For correct WaveVision operation, the smallest diameter of **any seed** in **any direction** must be **.150"** or greater.
2. WaveVision compatible crops are **Corn, Soybeans, Cotton, SugarBeets, Milo, and Edible Beans**. **In all cases the seed must meet the .150" diameter requirement**

#### Small Seed Notes:

1. Central fill planters will need D tube screens with **SugarBeets and Milo**.
2. If you experience very small seeds leaking out of the bottom of the meter, consider adding 1-2 small (.010" thick) disk shims. Adding shims may increase vDrive current draw and reduce stability, so only add as necessary. These shims should be removed when converting to other crops. Factory shimming on vSet is recommended in most circumstances for least current draw, best stability, and best spacing.

#### Specific Crop Notes Relating to Disc and Singulators:

1. **Edible Beans** - If the seed size is within 200 seeds/lb of the seed size range, test both disks
2. The **56 hole soybean** kit can run either corn or soybean singulator if planting with seedtubes.
3. **Corn** - If the seed is greater than 2500 seeds/lb, the 730085 Specialty disk (.155" hole size) often performs better than the 730079 Corn Disk. If planting corn in that seed size, test both disk for best performance

Crop		Field Corn	Sweet Corn				Popcorn		
Size (Qualitative)			Small	Medium	Large	X-Large	Small	Medium	Large
Size (Seeds/lb)		1000-2800	2000-4600				1500-4800		
Seeding Rate (Seeds/Sec)		<32							
Recommended Vacuum Settings		20"	18"-22"	18"-22"	18"-22"	18"-22"	20"	20"	20"
Baffle Position		2	4	4	4	4	2	2	2
Kit Part #		730135	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Disk	Name	Corn	Specialty	Specialty	Specialty	Specialty	Specialty	Specialty	Specialty
	# of holes	27	27	27	27	27	27	27	27
	Hole Size	0.176	0.125	0.135	0.145	0.155	0.115	0.115	0.125
	Part #	730079	730082	730083	730084	730085	730081	730081	730082
Singulator	Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn	Corn
	Part #	768355	768355	768355	768355	768355	768355	768355	768355
Ejector	Name	Corn	Specialty	Specialty	Specialty	Specialty	Specialty	Specialty	Specialty
	Part #	730101	730304	730304	730304	730304	730304	730304	730304
Add'l Components	Description								
	Part #								
	Description								
	Part #								
WaveVision Compatible		Yes							

Crop		Pumpkins		Sunflowers						
Size (Qualitative)		Canning	Ornamental	Edible Large	Edible Small	#1	#2	#3	#4	.100" Hole Specialty Disc
Size (Seeds/lb)				2000-4000		3K-10K				>10K
Seeding Rate (Seeds/Sec)										
Recommended Vacuum Settings		11"-12"	12"-14"	12"-13"	11"-12"	11"-12"	11"-12"	7"-8"	6"-7"	6"-12"
Baffle Position		3	3	4	4	4	4	3	2	2
Kit Part #		N/A	N/A	730135	730135	N/A	N/A	N/A	N/A	N/A
Disk	Name	Specialty	Specialty	Corn	Corn	Specialty	Specialty	Specialty	Specialty	Specialty
	# of holes	27	27	27	27	27	27	27	27	27
	Hole Size	0.125	0.125	0.176	0.176	0.155	0.135	0.115	0.115	0.100
	Part #	730082	730082	730079	730079	730085	730083	730081	730081	730080
Singulator	Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn	Corn	Corn
	Part #	768355	768355	768355	768355	768355	768355	768355	768355	768355
Ejector	Name	Specialty	Specialty	Corn	Corn	Specialty	Specialty	Specialty	Specialty	Specialty
	Part #	730304	730304	730101	730101	730304	730304	730304	730304	730304
Add'l Components	Description									
	Part #									
	Description									
	Part #									
WaveVision Compatible										

Crop		Soybeans		Edible Beans		
Size (Qualitative)				Small	Medium	Large
Size (Seeds/lb)		2000-4500		>2000	1300-2000	<1300
Seeding Rate (Seeds/Sec)			<120			
Recommended Vacuum Settings		20"	20"	18"-22"	18"-24"	18"-26"
Baffle Position		2	2	2	3	4
Kit Part #		730140	<b>768699</b>	730140	730470	730465
Disk	Name	Soybean	<b>Soybean</b>	Soybean	<b>Medium Edible Bean</b>	<b>Large Edible Bean</b>
	# of holes	80	<b>56</b>	80	<b>70</b>	<b>32</b>
	Hole Size	0.155	<b>0.155</b>	0.155	<b>0.170</b>	<b>0.210</b>
	Part #	730039	<b>768687</b>	730039	<b>730295</b>	<b>730294</b>
Singulator	Name	Soybean	Soybean	Soybean	<b>Medium Edible Bean</b>	Soybean
	Part #	768360	768360	768360	<b>768430</b>	768360
Ejector	Name	Soybean	<b>Soybean</b>	Soybean	Soybean	<b>Large Edible Bean</b>
	Part #	730102	<b>768698</b>	730102	730102	<b>730463</b>
Add'l Components	Description					
	Part #					
	Description					
	Part #					
WaveVision Compatible		Yes	Yes	Yes	Yes	Yes

Crop		Cotton			Sorghum / Milo	Wheat / Cereal Rye	Sugarbeets / Onions	
Size (Qualitative)		Singulated High Rate	2-Seed Hilldrop	3-Seed Hilldrop			Small <9.5/64"	Large >9.5/64"
Size (Seeds/lb)		4200-6300			12K-19K		>28K	<28K
Seeding Rate (Seeds/Sec)		<35				<300		
Recommended Vacuum Settings		20"-22"	10"-30"	10"-30"	10"-16"	6"-16"	10"-20"	10"-20"
Baffle Position		1	1	1	1	1-2	1	1
Kit Part #		730505	730277	730460	730150	730530	730145	730150
Disk	Name	Singulated High Rate Cotton	2-Seed Hilldrop Cotton	3-Seed Hilldrop Cotton	Large Sugarbeet	Wheat	Small Sugarbeet	Large Sugarbeet
	# of holes	32	40	39	32	164	32	32
	Hole Size	0.115	0.115	0.115	0.086	0.070	0.062	0.086
	Part #	730296	730292	730298	730291	768663	730290	730291
Singulator	Name	Corn	Soybean	Soybean	Corn	Soybean	Corn	Corn
	Part #	768355	768360	768360	768355	768360	768355	768355
Ejector	Name	Sugarbeet	2-Seed Hilldrop Cotton	3-Seed Hilldrop Cotton	Sugarbeet	Wheat	Sugarbeet	Sugarbeet
	Part #	730103	730436	730461	730103	730527	730103	730103
Add'l Components	Description		Upper Brush Kit	Upper Brush Kit	Milo Screen	Upper Restriction Brush	Milo Screen	Milo Screen
	Part #		730452	730452	720253	730452	720253	720253
	Description				Disk Shim Kit	Disk Shim Kit	Disk Shim Kit	Disk Shim Kit
	Part #				730279	730279	730279	730279
	Description					Canola Screen (Super Small)		
Part #					720288			
WaveVision Compatible			Yes(±4%)	Yes(±4%)	See Note	No Pop Mon.	No Pop Mon.	See Note