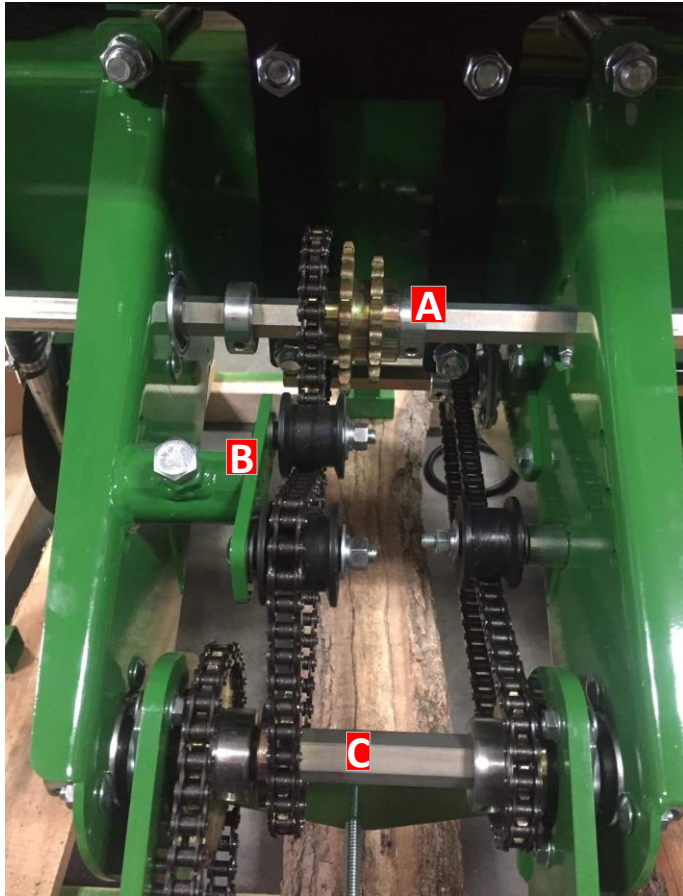
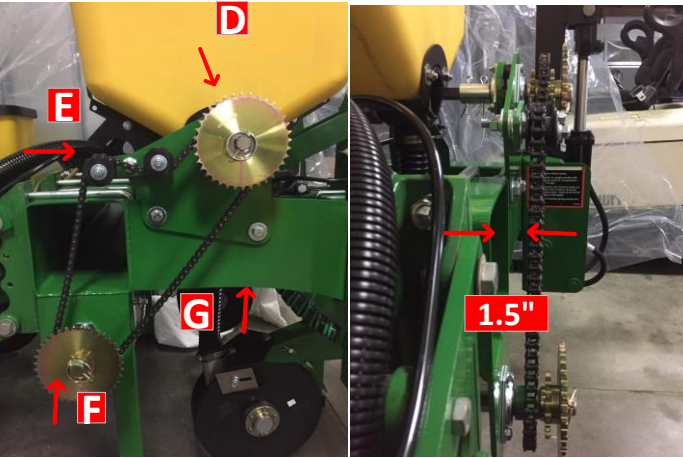


Rate chart for fertilizer, finger pickup, brush meter and vset vac meter



Fertilizer			Seed				
Drive (F)	Driven (D)	Rate lbs/acre	Holes in plate	Seeds/acre 30" rows	Drive (C)	Driven (A)	Seed spacing (inches between seed)
18	36	80	1	2655	16 or 24	18	78.7
18	30	95	1	2172	16 or 24	22	96.2
24	36	120	1	1838	16 or 24	26	113.7
24	30	143	2	5310	16 or 24	18	39.4
18	18	160	2	4345	16 or 24	22	48.1
18	16	180	2	3676	16 or 24	26	56.9
36	30	215	3	7965	16 or 24	18	26.2
24	18	240	3	6517	16 or 24	22	32.1
24	16	270	3	5514	16 or 24	26	37.9
36	18	360	4	10620	16 or 24	18	19.7
36	16	400	4	8689	16 or 24	22	24.1

Tips on adjusting fertilizer rate: The Rate of fertilizer is determined by the combination of drive and driven sprockets. Simply count the teeth of the sprocket, decide what rate of fertilizer you would like to apply and place the correct sprocket combination based on the chart above. The drive (F) and the driven (D) is very important when placing sprockets, so please pay attention to the chart. Some sprockets have 2 sprockets in one, always put the sprocket you are using outward from the planter. Failure to do so will result in the chain not lining up and hitting. Position desired sprocket where the center of the chain will be approximately 1.5-1.75" from frame (G) and make sure chain lines up with idler (E). With planter raised, turn drive wheel by hand and make sure chain is running straight and smooth. The tensioner (E) makes up for different sprocket sizes, always tension around the smallest sprocket. After the chain is tight there should be approximately 1/2" play in the chain.



Fertilizer is extremely corrosive. **WHEN FILLING THE HOPPER BE SURE TO NOT SPILL ANY ON PLANTER.** Always keep fertilizer dry. At the end of the season thoroughly remove all fertilizer, then shop vac any remaining fertilizer. Coat all metal parts with a solution of diesel fuel and oil mixed 50/50 that fertilizer has come in contact with, including auger spouts, and fertilizer openers.

The seed spacing is determined by the combination of drive and driven sprockets and number of holes in the plate. Simply select your desired seed spacing, drill that number of holes in plate and then select correct sprocket combination. To adjust seeding rate, loosen the 1/2" bolt with the 3/4" wrench and rotate the idler (B) so that the chain is loose. Slide appropriate sprocket on shaft (A) so it lines up with drive sprocket (C) and tensioner (E). Re-install chain making sure it is straight. Re-tension idler (B), there should be 1/2" play at the bottom, always tension idler (B) so maximum chain wrap is the smallest sprocket. **When selecting seed spacing, please remember (C) is the drive and (A) is the driven.** Please note that the 12 hole is for finger pickup as well (highlighted blue) because it has 12 fingers and the 60 hole (highlighted green) is for brush meter because it has 60 cells. The finger pickup (H) (Blue 12 hole) does not need to be drilled, as it is plateless. The Brush meter (I) (Green 60 hole) has a plate but does not need to be drilled.



The finger pickup meter (H) is used for field corn, sweet corn, and sunflowers. The soybean brush meter (I) is used for soybeans. The vset vac meter (J) can be used for anything by custom drilling holes in blank plates (K). Attach butterfly drive (L) with pin (M) to either the finger pickup or soybean meter. The vset already comes with a different butterfly attached. Be sure to set the handle on the finger pickup (N) to the actual seed size you are planting. Be sure to press the soybean plate down firmly with one hand while tightening the wing nuts with the other hand. You will feel the wing nuts bottom out. Remove plates on soybean brush meter and vset meter at the end of the season and blow off. Leave plates off until next planting season. It is necessary to use seed graphite on the soybean meters and vset to prevent seed from sticking to the plate. Always store planter inside and do not get any of the meters (H, I, J, K, L, M, N) wet when washing planter off at the end of the season.