

**SEED POPULATION AND APPROXIMATE DRILLING DISTANCE FOR FINGER PICKUP METERING UNIT  
WHEN PLANTER IS EQUIPPED WITH 7.60-15 TIRES INFLATED TO (280 kPa) (2.8 bar) 40 psi OF AIR PRESSURE  
(Metric Equivalents are given in parentheses)**

NOTE: For instructions on how to use the planting rate charts, turn to page 40.

Approximate Seed Population per Acre (Ha)				Average Drilling Distance in in. (mm)	Sprocket Combinations (Number of Teeth)		Recommended Speed Range	
30" (76 cm) ROWS	36" (91 cm) ROWS	38" (97 cm) ROWS	40" (102 cm) ROWS		Driver	Driven	mph	(km/h)
56,100 (138 500)	46,700 (115 400)	44,200 (109 300)	42,000 (103 900)	3-3/4 (95)	30	14	2 to 3	(3.2 to 4.8)
48,600 (120 100)	40,500 (100 100)	38,400 (94 800)	36,500 (90 100)	4-1/4 (109)	26	14	2 to 3-1/2	(3.2 to 5.6)
43,600 (107 600)	36,300 (89 700)	34,400 (84 900)	32,700 (80 700)	4-3/4 (122)	30	18	3 to 4	(4.8 to 6.4)
41,200 (101 700)	34,300 (84 800)	32,500 (80 300)	30,900 (76 300)	5-1/8 (129)	22	14	3 to 4-1/2	(4.8 to 7.2)
37,700 (93 300)	31,500 (77 700)	29,800 (73 600)	28,300 (69 900)	5-1/2 (141)	26	18	3 to 4-1/2	(4.8 to 7.2)
35,600 (88 000)	29,700 (73 300)	28,100 (69 500)	26,700 (66 000)	5-7/8 (149)	30	22	3 to 5	(4.8 to 8.0)
32,000 (79 100)	26,700 (65 900)	25,300 (62 500)	24,000 (59 300)	6-1/2 (166)	22	18	3 to 5-1/2	(4.8 to 8.8)
30,800 (76 200)	25,700 (63 500)	24,300 (60 200)	23,100 (57 100)	6-3/4 (172)	26	22	3 to 6	(4.8 to 9.7)
30,200 (74 600)	25,100 (62 100)	23,800 (58 800)	22,600 (55 900)	7 (176)	30	26	3 to 6	(4.8 to 9.7)
29,900 (73 800)	24,900 (61 500)	23,600 (58 300)	22,400 (55 400)	7-1/8 (178)	16	14	3 to 6	(4.8 to 9.7)
27,700 (68 400)	23,100 (57 000)	21,900 (54 000)	20,800 (51 300)	7-1/2 (192)	30	28	4 to 6-1/2	(6.4 to 10.4)
26,100 (64 600)	21,800 (53 800)	20,600 (51 000)	19,600 (48 400)	8 (203)	22	22	4 to 7	(6.4 to 11.3)
24,200 (59 900)	20,200 (49 900)	19,100 (47 300)	18,200 (44 900)	8-5/8 (219)	26	28	4 to 7-1/2	(6.4 to 12.1)
23,200 (57 300)	19,300 (47 700)	18,300 (45 200)	17,400 (43 000)	9 (229)	16	18	4 to 8	(6.4 to 12.8)
22,100 (54 700)	18,400 (45 600)	17,500 (43 200)	16,600 (41 000)	9-1/2 (240)	22	26	4 to 8	(6.4 to 12.8)
20,600 (50 800)	17,100 (42 300)	16,200 (40 000)	15,400 (38 100)	10-1/8 (259)	22	28	4 to 8	(6.4 to 12.8)
20,300 (50 200)	16,900 (41 800)	16,000 (39 600)	15,200 (37 600)	10-1/4 (262)	14	18	4 to 8	(6.4 to 12.8)
19,000 (47 000)	15,800 (39 100)	15,000 (37 100)	14,200 (35 100)	11 (279)	16	22	4 to 8	(6.4 to 12.8)
16,600 (41 100)	13,900 (34 200)	13,100 (32 400)	12,500 (30 800)	12-5/8 (319)	14	22	4 to 8	(6.4 to 12.8)
16,100 (39 700)	13,400 (33 100)	12,700 (31 400)	12,000 (29 800)	13 (330)	16	26	4 to 8	(6.4 to 12.8)
14,900 (36 900)	12,400 (30 800)	11,800 (29 100)	11,200 (27 700)	14 (356)	16	28	4 to 8	(6.4 to 12.8)
14,100 (34 800)	11,700 (29 000)	11,100 (27 500)	10,600 (26 100)	14-7/8 (377)	14	26	4 to 8	(6.4 to 12.8)
13,100 (32 300)	10,900 (26 900)	10,300 (25 500)	9,800 (24 200)	16 (406)	14	28	4 to 8	(6.4 to 12.8)

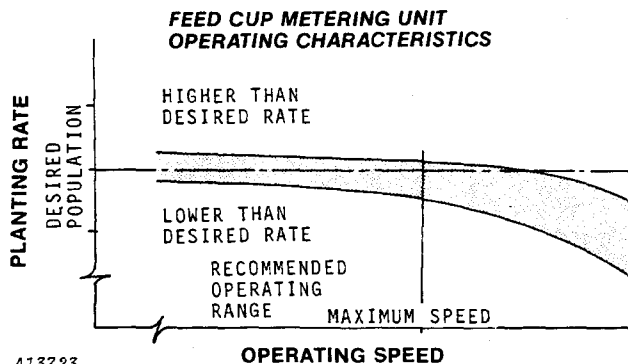
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\*For 32-in. (81 cm) rows, multiply seed population per acre (ha) in 30-in. (76 cm) row spacing column by 0.9375.

\*For 34-in. (86 cm) rows, multiply seed population per acre (ha) in 30-in. (76 cm) row spacing column by 0.8824.

NOTE: The extended drilling distance attachment may be used to reduce the seed population for any given sprocket combination by 40%; the drilling distance is increased by 67%. (See EXTENDED DRILLING DISTANCE ATTACHEMENT on pages 140 and 198-199.)

**IMPORTANT:** To prevent planting miscalculations, make field checks to be sure you are planting at the desired rate.



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### Feed Cups

**IMPORTANT:** The graph at left shows the operating characteristics of the feed cup metering unit.

The operating band illustrates how the feed cup metering unit performs with regard to the desired population (indicated by the horizontal line). The width of the band is due to various sizes and shapes of seeds.

Best results are obtained when the planter is operated below the full maximum speed.