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Estimated Peanut Combine Field Capacities

	Pull-Type, Dump, FE=0.60		
	Effective Field Capacity ac/hr		
Speed mph	**12 ft Width**	**18 ft Width**	**24 ft Width**
0.50	0.44	0.65	0.87
0.75	0.65	0.98	1.31
1.00	0.87	1.31	1.75
1.25	1.09	1.64	2.18
1.50	1.31	1.96	2.62
1.75	1.53	2.29	3.05
2.00	1.75	2.62	3.49
2.25	1.96	2.95	3.93
2.50	2.18	3.27	4.36
2.75	2.40	3.60	4.80
3.00	2.62	3.93	5.24

	Pull-Type, Conveyor, FE=0.75		
	Effective Field Capacity ac/hr		
Speed mph	**12 ft Width**	**18 ft Width**	**24 ft Width**
0.50	0.55	0.82	1.09
0.75	0.82	1.23	1.64
1.00	1.09	1.64	2.18
1.25	1.36	2.05	2.73
1.50	1.64	2.45	3.27
1.75	1.91	2.86	3.82
2.00	2.18	3.27	4.36
2.25	2.45	3.68	4.91
2.50	2.73	4.09	5.45
2.75	3.00	4.50	6.00
3.00	3.27	4.91	6.55

	Self-Propelled, Dump, FE=0.75		
	Effective Field Capacity ac/hr		
Speed mph	**12 ft Width**	**18 ft Width**	**24 ft Width**
0.50	0.55	0.82	1.09
0.75	0.82	1.23	1.64
1.00	1.09	1.64	2.18
1.25	1.36	2.05	2.73
1.50	1.64	2.45	3.27
1.75	1.91	2.86	3.82
2.00	2.18	3.27	4.36
2.25	2.45	3.68	4.91
2.50	2.73	4.09	5.45
2.75	3.00	4.50	6.00
3.00	3.27	4.91	6.55

	Self-Propelled, Conveyor, FE=0.90		
	Effective Field Capacity ac/hr		
Speed mph	**12 ft Width**	**18 ft Width**	**24 ft Width**
0.50	0.65	0.98	1.31
0.75	0.98	1.47	1.96
1.00	1.31	1.96	2.62
1.25	1.64	2.45	3.27
1.50	1.96	2.95	3.93
1.75	2.29	3.44	4.58
2.00	2.62	3.93	5.24
2.25	2.95	4.42	5.89
2.50	3.27	4.91	6.55
2.75	3.60	5.40	7.20
3.00	3.93	5.89	7.85

Note: The field efficiencies applied here were estimated from field data but may not match the field efficiencies from your operation. Field efficiency for a combine is generally defined as "harvesting time" divided by "total field time" and takes into account turn time, unload time, etc. To get a more accurate estimate you can use the following equations:

Theoretical field capacity, ac/hr: TFC = S * w / 8.25, where S = speed in mph, and w = width in ft.

Effective field capacity, ac/hr: EFC = TFC * FE, where FE = field efficiency as described above.

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