

WILD BLUEBERRY HARVESTER FACT SHEET

Brush Adjustment Guide to Improve Picking Performance & Extend Lifespan

Step 1: Measure the bristle length on each side of the harvester cleaning brush (Fig. 1).

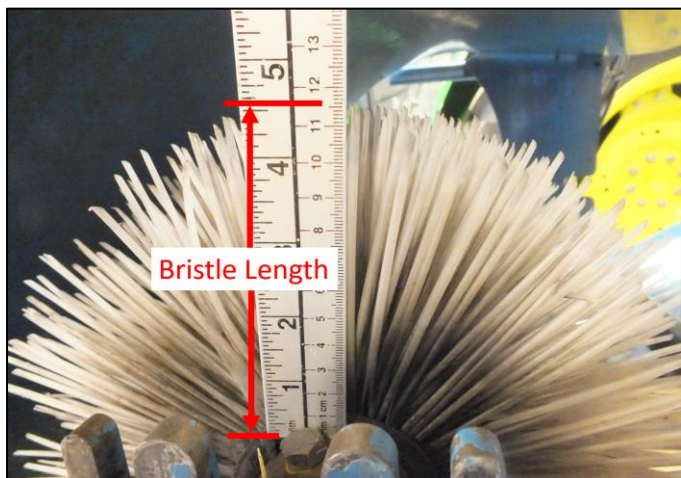


Figure 1: Harvester brush side view.

Step 2: Using the harvester brush adjustment chart (Table 1) find the corresponding adj. distance for each side of the brush based on the bristle lengths found in Step 1. Using a ruler fine-tune the brush position (Fig. 2) following the suggested adjustment chart.

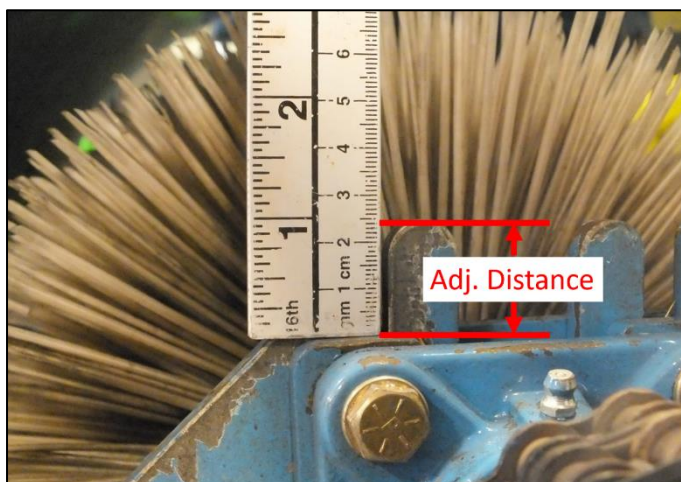


Figure 2: Harvester brush adj. prong side view.

Table 1: Harvester brush adjustment chart.

Bristle Length		Adj. Distance	
cm	inches	cm	inches
12.00	4.72	2.05	0.81
11.90	4.69	2.15	0.85
11.80	4.65	2.25	0.89
11.70	4.61	2.35	0.93
11.60	4.57	2.45	0.97
11.50	4.53	2.55	1.00
11.40	4.49	2.65	1.04
11.30	4.45	2.75	1.08
11.20	4.41	2.86	1.12
11.10	4.37	2.96	1.16
11.00	4.33	3.06	1.20
10.90	4.29	3.16	1.24
10.80	4.25	3.26	1.28
10.70	4.21	3.36	1.32
10.60	4.17	3.46	1.36
10.50	4.13	3.56	1.40
10.40	4.09	3.66	1.44
10.30	4.06	3.76	1.48
10.20	4.02	3.87	1.52
10.10	3.98	3.97	1.56
10.00	3.94	4.07	1.60
9.90	3.90	4.17	1.64
9.80	3.86	4.27	1.68
9.70	3.82	4.37	1.72
9.60	3.78	4.47	1.76
9.50	3.74	4.57	1.80
9.40	3.70	4.67	1.84
9.30	3.66	4.77	1.88
9.20	3.62	4.88	1.92
9.10	3.58	4.98	1.96
9.00	3.54	5.08	2.00
8.90	3.50	5.18	2.04
8.80	3.46	5.28	2.08
8.70	3.43	5.38	2.12
8.60	3.39	5.48	2.16
8.50	3.35	5.58	2.20
8.40	3.31	5.68	2.24
8.30	3.27	5.79	2.28
8.20	3.23	5.89	2.32
8.10	3.19	5.99	2.36
8.00	3.15	6.09	2.40

↑ Optimum range

↓ Decreasing brush cleaning performance

Prepared by: Dalhousie University Precision Agriculture Research Team.