

# Determining your Harvest Rate

1. Find the chart for your application.
  - a. Silage is located on this side.
  - b. Balers will be found on the reverse.
2. By reading across, find the weight of your bale or load.
  - a. If the weight of your bale or load is not listed, please round up to the next weight listed.
3. By reading down, find the time to make a bale or load/unload.
  - a. If the exact time to make your bale or load/unload is not listed, please round up to the faster time listed.
4. After locating your Harvest Rate, multiply this by your product application rate per ton. This will provide you with your overall application rate. The result will help determine your nozzle selection (Please See our Nozzle Chart for further information on nozzle selections or for calculating finer accuracy).

## Silage - Tons per Minute

		Tons per Load											
		4	6	8	10	12	14	16	18	20	22	24	26
Minutes to Load/Unload	10	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6
	9	0.4	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2	2.4	2.7	2.9
	8	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0	3.3
	7	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.6	2.9	3.1	3.4	3.7
	6	0.7	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.3	3.7	4.0	4.3
	5	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2
	4	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
	3	1.3	2.0	2.7	3.3	4.0	4.7	5.3	6.0	6.7	7.3	8.0	8.7
	2	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0
	1	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0

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## Small Square Balers - Tons per Hour

		Weight per Bale (in Pounds)							
		45	50	55	60	65	70	75	80
Seconds to Make a Bale	10	8.1	9.0	9.9	10.8	11.7	12.6	13.5	14.4
	11	7.4	8.2	9.0	9.8	10.6	11.5	12.3	13.1
	12	6.8	7.5	8.3	9.0	9.8	10.5	11.3	12.0
	13	6.2	6.9	7.6	8.3	9.0	9.7	10.4	11.1
	14	5.8	6.4	7.1	7.7	8.4	9.0	9.6	10.3
	15	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6
	16	5.1	5.6	6.2	6.8	7.3	7.9	8.4	9.0
	17	4.8	5.3	5.8	6.4	6.9	7.4	7.9	8.5
	18	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
	19	4.3	4.7	5.2	5.7	6.2	6.6	7.1	7.6
20	4.1	4.5	5.0	5.4	5.9	6.3	6.8	7.2	

## Large Square & Round Balers - Tons per Hour

		Weight per Bale (in Pounds)							
		600	800	1000	1200	1400	1600	1800	2000
Minutes to Make a Bale	0.5	36.0	48.0	60.0	72.0	84.0	96.0	108.0	120.0
	1.0	18.0	24.0	30.0	36.0	42.0	48.0	54.0	60.0
	1.5	12.0	16.0	20.0	24.0	28.0	32.0	36.0	40.0
	2.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0
	2.5	7.2	9.6	12.0	14.4	16.8	19.2	21.6	24.0
	3.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
	3.5	5.1	6.9	8.6	10.3	12.0	13.7	15.4	17.1
	4.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0
	4.5	4.0	5.3	6.7	8.0	9.3	10.7	12.0	13.3
	5.0	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12.0