

The 2009

Macerator 6620

There is lots of excitement with the release of the new Macerator 6620. We have made key enhancements to our newest model and have found the ideal settings for optimum performance. The Macerator is designed to condition hay for a super fast dry down time while maintaining the maximum amount of nutrients and color.

SUPER SETTINGS

While working with many successful farmers over the years and evaluating crops, we have developed 'Super Settings' which are most effective and result in an even higher quality hay. These settings can be used throughout the season on various crops.

IMPROVED FEATURES

The 2009 Macerator 6620 boasts new and improved features such as extra coarse heavy duty steel rolls. With the newly developed Super Settings, the Macerator gently nicks and cracks the stem which thoroughly conditions your crop. This provides for a much longer life on the hard chrome serrations and reduces clogging.

THE MACERATOR 6620 IS READY TO WORK FOR YOU!
- AVAILABLE NOW -





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A summary of the design functions of a Macerator is as follows:

The two front rubber rolls receive the cut crop from the pickup and securely hold the crop tight while the two steel rolls pull the crop through. In this process, the waxy cover of the crop stem is removed or stripped. At the same time, the stems are cracked open resulting in a faster dry down.

Ongoing field evaluations in various hay and grass crops, from fine stem to broad leaf, has promoted more effective settings and results.

- Paper thin clearance gap for both rubber and steel roll initial settings.
Note: Ensure steel rolls are set parallel with the clearance gap the same (or equal) at either end. This is also the case for the rubber rolls.
- Minimum rubber roll air pressure settings of 25 PSI (172 kPa).
- Steel roll settings of 0 (zero) PSI up to 40 PSI (0-276 kPa), to a maximum pressure of 50 PSI (345 kPa).
- Always maintain +10 PSI (69 kPa) higher setting on rubber rolls versus steel rolls (e.g. 30 PSI (207 kPa) on front rolls, 20 PSI (138 kPa) on rear rolls).
- For tender leafy crop, initial start up at 0 to 5 PSI (0-34 kPa) on steel rolls. Increase pressure (PSI) on rubber and steel rolls as required
- Start initially with a lower PTO speed, 400 RPM on 540 RPM units and 800 RPM on 1000 RPM units. Increase RPM as required

Note: Frequent adjustment will ensure good results.

Initial Field Settings 814021				
Initial Recommended Roll Settings (Starting Point)				
Crop Types	Steel Roll Gap*	Steel Roll PSI (kPa)	Rubber Roll Gap*	Rubber Roll PSI (kPa)
Timothy/Grasses	0.025" (0.65mm)	10 (69)	0.020" (0.5mm)	30 (207)
Bermuda/Brougham Grasses	0.025" (0.65mm)	10 (69)	0.020" (0.5mm)	30 (207)
Cereals, Oat Hay/Wheat	0.025" (0.65mm)	20 (138)	0.020" (0.5mm)	50 (345)
1st Cut Alfalfa	0.031" (0.8mm)	5 (35)	0.020" (0.5mm)	25 (173)
2nd, 3rd, 4th Cut Alfalfa	0.061" (1.5mm)	5-7 (35-48)	0.020" (0.5mm)	25-35 (172-242)
Broad Leaf and Heavy Stemmed Plants	0.080" (2mm)	20 (138)	0.020" (0.5mm)	40 (276)

* Start initially with suggested settings in above chart.
 Run steel rolls with as close a gap as possible without allowing them to touch while rotating. This is applicable to the rubber rolls.
 Make sure steel rolls are adjusted straight and parallel with each other and the clearance gap equal at either end.
 Start initially with a lower PTO speed, 400 RPM on 540 RPM units and 800 RPM on 1000 RPM units. Increase RPM as required.
 If glossy copy paper is used to set the gap, 2 pieces equals 0.020" (0.5mm).