The Moisture Matrix

Increment	The Moisture Matrix	Blending Wet and Dry to create a marketable product.										Change cells in purple								
												Dry Needed	66.67		Wet Needed	33.33		Desired Blend Size	100	
0.50%	Wet	Dry Amount	2	Wet Amount	1	Blend size	3	Blending Ratio: 1 Parts Wet to 2 Parts Dry												
Dry	10.0%	10.5%	11.0%	11.5%	12.0%	12.5%	13.0%	13.5%	14.0%	14.5%	15.0%	15.5%	16.0%	16.5%	17.0%	17.5%	18.0%	18.5%	19.0%	19.5%
5.0%	6.7%	6.8%	7.0%	7.2%	7.3%	7.5%	7.7%	7.8%	8.0%	8.2%	8.3%	8.5%	8.7%	8.8%	9.0%	9.2%	9.3%	9.5%	9.7%	9.8%
5.5%	7.0%	7.2%	7.3%	7.5%	7.7%	7.8%	8.0%	8.2%	8.3%	8.5%	8.7%	8.8%	9.0%	9.2%	9.3%	9.5%	9.7%	9.8%	**10.0%**	10.2%
6.0%	7.3%	7.5%	7.7%	7.8%	8.0%	8.2%	8.3%	8.5%	8.7%	8.8%	9.0%	9.2%	9.3%	9.5%	9.7%	9.8%	**10.0%**	10.2%	10.3%	10.5%
6.5%	7.7%	7.8%	8.0%	**8.2%**	8.3%	8.5%	8.7%	8.8%	9.0%	9.2%	9.3%	9.5%	9.7%	9.8%	**10.0%**	10.2%	10.3%	10.5%	10.7%	10.8%
7.0%	8.0%	8.2%	8.3%	8.5%	8.7%	8.8%	9.0%	9.2%	9.3%	9.5%	9.7%	9.8%	**10.0%**	10.2%	10.3%	10.5%	10.7%	10.8%	11.0%	11.2%
7.5%	8.3%	8.5%	8.7%	8.8%	9.0%	9.2%	9.3%	9.5%	9.7%	9.8%	**10.0%**	10.2%	10.3%	10.5%	10.7%	10.8%	11.0%	11.2%	11.3%	11.5%
8.0%	8.7%	8.8%	9.0%	9.2%	9.3%	9.5%	9.7%	9.8%	**10.0%**	10.2%	10.3%	10.5%	10.7%	10.8%	11.0%	11.2%	11.3%	11.5%	11.7%	11.8%
8.5%	9.0%	9.2%	9.3%	9.5%	9.7%	9.8%	**10.0%**	10.2%	10.3%	10.5%	10.7%	10.8%	11.0%	11.2%	11.3%	11.5%	11.7%	11.8%	12.0%	12.2%
9.0%	9.3%	9.5%	9.7%	9.8%	**10.0%**	10.2%	10.3%	10.5%	10.7%	10.8%	11.0%	11.2%	11.3%	11.5%	11.7%	11.8%	12.0%	12.2%	12.3%	12.5%
9.5%	9.7%	9.8%	**10.0%**	10.2%	10.3%	10.5%	10.7%	10.8%	11.0%	11.2%	11.3%	11.5%	11.7%	11.8%	12.0%	12.2%	12.3%	12.5%	12.7%	12.8%
10.0%	**10.0%**	10.2%	10.3%	10.5%	10.7%	10.8%	11.0%	11.2%	11.3%	11.5%	11.7%	11.8%	12.0%	12.2%	12.3%	12.5%	12.7%	12.8%	13.0%	13.2%
10.5%	10.3%	10.5%	10.7%	10.8%	11.0%	11.2%	11.3%	11.5%	11.7%	11.8%	12.0%	12.2%	12.3%	12.5%	12.7%	12.8%	13.0%	13.2%	13.3%	**13.5%**
11.0%	10.7%	10.8%	11.0%	11.2%	11.3%	11.5%	11.7%	11.8%	12.0%	12.2%	12.3%	12.5%	12.7%	12.8%	13.0%	13.2%	13.3%	**13.5%**	13.7%	13.8%
11.5%	11.0%	11.2%	11.3%	11.5%	11.7%	11.8%	12.0%	12.2%	12.3%	12.5%	12.7%	12.8%	13.0%	13.2%	13.3%	**13.5%**	13.7%	13.8%	14.0%	14.2%
12.0%	11.3%	11.5%	11.7%	11.8%	12.0%	12.2%	12.3%	12.5%	12.7%	12.8%	13.0%	13.2%	13.3%	**13.5%**	13.7%	13.8%	14.0%	14.2%	14.3%	**14.5%**
12.5%	11.7%	11.8%	12.0%	12.2%	12.3%	12.5%	12.7%	12.8%	13.0%	13.2%	13.3%	**13.5%**	13.7%	13.8%	14.0%	14.2%	14.3%	**14.5%**	14.7%	14.8%
13.0%	12.0%	12.2%	12.3%	12.5%	12.7%	12.8%	13.0%	13.2%	13.3%	**13.5%**	13.7%	13.8%	14.0%	14.2%	14.3%	**14.5%**	14.7%	14.8%	**15.0%**	15.2%
13.5%	12.3%	12.5%	12.7%	12.8%	13.0%	13.2%	13.3%	**13.5%**	13.7%	13.8%	14.0%	14.2%	14.3%	**14.5%**	14.7%	14.8%	**15.0%**	15.2%	15.3%	15.5%
14.0%	12.7%	12.8%	13.0%	13.2%	13.3%	**13.5%**	13.7%	13.8%	14.0%	14.2%	14.3%	**14.5%**	14.7%	14.8%	**15.0%**	15.2%	15.3%	15.5%	15.7%	15.8%
14.5%	13.0%	13.2%	13.3%	**13.5%**	13.7%	13.8%	14.0%	14.2%	14.3%	**14.5%**	14.7%	14.8%	**15.0%**	15.2%	15.3%	15.5%	15.7%	15.8%	16.0%	16.2%
15.0%	13.3%	**13.5%**	13.7%	13.8%	14.0%	14.2%	14.3%	**14.5%**	14.7%	14.8%	**15.0%**	15.2%	15.3%	15.5%	15.7%	15.8%	16.0%	16.2%	16.3%	16.5%
15.5%	13.7%	13.8%	14.0%	14.2%	14.3%	**14.5%**	14.7%	14.8%	**15.0%**	15.2%	15.3%	15.5%	15.7%	15.8%	16.0%	16.2%	16.3%	16.5%	16.7%	16.8%
16.0%	14.0%	14.2%	14.3%	**14.5%**	14.7%	14.8%	**15.0%**	15.2%	15.3%	15.5%	15.7%	15.8%	16.0%	16.2%	16.3%	16.5%	16.7%	16.8%	17.0%	17.2%
16.5%	14.3%	**14.5%**	14.7%	14.8%	**15.0%**	15.2%	15.3%	15.5%	15.7%	15.8%	16.0%	16.2%	16.3%	16.5%	16.7%	16.8%	17.0%	17.2%	17.3%	17.5%
17.0%	14.7%	14.8%	**15.0%**	15.2%	15.3%	15.5%	15.7%	15.8%	16.0%	16.2%	16.3%	16.5%	16.7%	16.8%	17.0%	17.2%	17.3%	17.5%	17.7%	17.8%

How to Use This Matrix

The cells within the matrix show the desired end result.

- The brown cells on the left indicate the initial dry percentage.
- The dark blue cells across the top indicate the wet percentage.

To use the matrix, simply locate the cell where the wet column and dry row intersect. This intersecting cell gives the result based on the default 2:1 dry-to-wet ratio.

This means that to achieve the desired result, 2 parts dry material must be added to 1 part wet material.

Example:

If the desired moisture content is 10% and the dry level is 9%, then the maximum wet level would be 12%. However, to maintain the correct ratio, the mixture must always consist of 2 parts dry material to 1 part wet material.