

Table 2 Mean pressure drops (Pa/m) at various airflows, bulk densities and bed depths of lathyrus at different moisture content

Variety and moisture content, % (d. b.)	Airflow rate ( $\text{m}^3 \cdot \text{s}^{-1} \cdot \text{m}^{-2}$ )	Bed depth (mm)			Airflow rate ( $\text{m}^3 \cdot \text{s}^{-1} \cdot \text{m}^{-2}$ )	Bed depth (mm)			Airflow rate ( $\text{m}^3 \cdot \text{s}^{-1} \cdot \text{m}^{-2}$ )	Bed depth (mm)		
		200	400	600		200	400	600		200	400	600
NLK- 40, 13.10 %	0.1687	Bulk density, 805 $\text{kg m}^{-3}$			0.1679	Bulk density, 845 $\text{kg m}^{-3}$			0.1701	Bulk density, 895 $\text{kg m}^{-3}$		
	0.5524	517.9	563.6	583	0.5551	548.3	670.2	710.8	0.5598	578.8	731.1	771
	1.0169	2589	2695	2787	1.0322	3320	3442	3655	1.0508	4142	4310	4564
Pratik, 12.50 %	0.1708	Bulk density, 795 $\text{kg m}^{-3}$			0.1722	Bulk density, 835 $\text{kg m}^{-3}$			0.1728	Bulk density, 875 $\text{kg m}^{-3}$		
	0.5518	7311	7463	7615	1.0972	9869	10113	10357	1.0915	11149	11453	11677
	1.0794	455.8	486.2	516.6	0.1722	516.6	577.4	617.9	0.1728	577.4	668.5	698.9
Ratan, 13.60 %	0.6224	Bulk density, 770 $\text{kg m}^{-3}$			0.6232	Bulk density, 810 $\text{kg m}^{-3}$			0.5430	Bulk density, 850 $\text{kg m}^{-3}$		
	1.0193	2309	2415	2517	0.5566	2826	2993	3134	0.5585	3464	3585	3727
	0.1748	7323	7520	7713	1.0972	8903	9176	9450	1.0915	10605	10878	11202
	0.6224	Bulk density, 770 $\text{kg m}^{-3}$			0.6232	Bulk density, 810 $\text{kg m}^{-3}$			0.5430	Bulk density, 850 $\text{kg m}^{-3}$		
	1.0193	364.6	395.2	425.4	0.1747	427.4	486.2	516.6	0.1761	486.2	547.5	587.6
	0.6224	2674	2750	2861	0.6232	3342	3433	3555	0.5430	3889	4011	4102
	1.0193	6442	6609	6761	1.0283	7809	8037	8199	1.0370	9025	9283	9475

Note: Mean values of three replications