

**N<sub>min</sub>-Richtwerte für Winterungen und Sommerungen, alle Kulturen (Stand April 2018)**

Boden-Klima-Raum	Bodenschicht	Raps kg N <sub>min</sub> /ha	Stoppelweizen kg N <sub>min</sub> /ha	Rübenweizen kg N <sub>min</sub> /ha	Winterweizen (Blattvorfrucht Ra, Ka, Ma) kg N <sub>min</sub> /ha	Wintergerste, - Roggen, - Triticale kg N <sub>min</sub> /ha	Sommergetreide kg N <sub>min</sub> /ha	Kartoffeln kg N <sub>min</sub> /ha	Zuckerrüben kg N <sub>min</sub> /ha	Gemüse kg N <sub>min</sub> /ha	Mais kg N <sub>min</sub> /ha
9; 46; 51 sandige Böden	0-30 cm	10	10	13	10	9	13	14	16	8	18
	30-60 cm	5	5	6	7	5	8	7	7	6	9
	60-90 cm	5	11	8	10	5	7	5	5	1	5
	<b>0-90</b>	<b>20 (-10)</b>	<b>26 (-6)</b>	<b>27 (-15)</b>	<b>27 (-17)</b>	<b>19 (-9)</b>	<b>28 (-3)</b>	<b>26 (-16)</b>	<b>28 (-10)</b>	<b>15 (-8)</b>	<b>32 (-8)</b>
	Spanne	13-30	20-32	11-33	16-56	10-41	18-50	13-50	14-46	7-19	11-64
48; 50 sandige Böden	0-30 cm	6	6	-	9	8	17	18	-	-	20
	30-60 cm	5	6	-	7	6	9	9	-	-	11
	60-90 cm	6	8	-	8	8	8	7	-	-	7
	<b>0-90</b>	<b>17 (-15)</b>	<b>20 (-29)</b>	<b>k.A.</b>	<b>24 (-12)</b>	<b>22 (-16)</b>	<b>34 (-9)</b>	<b>34 (-11)</b>	<b>k.A.</b>	<b>k.A.</b>	<b>38 (+5)</b>
	Spanne	11-23	13-24	-	15-31	9-45	14-59	12-58	-	-	22-57
45; 47 Lehmböden, leichte Lehmböden	0-30 cm	10	12	15	13	10	20	26	22	-	21
	30-60 cm	6	10	12	10	8	14	10	12	-	12
	60-90 cm	6	12	12	14	9	14	9	11	-	8
	<b>0-90</b>	<b>22 (-17)</b>	<b>34 (-21)</b>	<b>39 (-18)</b>	<b>37 (-26)</b>	<b>27 (-9)</b>	<b>48 (-4)</b>	<b>45 (+8)</b>	<b>45 (-20)</b>	<b>k.A.</b>	<b>41 (-16)</b>
	Spanne	13-34	19-59	15-73	15-66	13-70	28-69	30-54	11-86	-	19-91
11, 34, 45 Hügelland schwere Lehmböden	0-30 cm	9	8	13	10	8	-	-	10	-	14
	30-60 cm	6	8	10	10	7	-	-	7	-	6
	60-90 cm	5	7	10	12	8	-	-	5	-	6
	<b>0-90</b>	<b>20 (-17)</b>	<b>23 (-33)</b>	<b>33 (-13)</b>	<b>32 (-31)</b>	<b>23 (-20)</b>	<b>k.A.</b>	<b>k.A.</b>	<b>22 (-36)</b>	<b>k.A.</b>	<b>26 (-35)</b>
	Spanne	13-31	16-29	25-48	27-42	16-38	-	-	12-32	-	14-43
52 Marschen Tonböden	0-30 cm	14	14	16	11	12	21	18	-	-	25
	30-60 cm	12	13	12	12	12	17	16	-	-	15
	60-90 cm	10	11	14	11	9	11	8	-	-	11
	<b>0-90</b>	<b>36 (-4)</b>	<b>38 (-13)</b>	<b>42</b>	<b>34 (-28)</b>	<b>33 (-18)</b>	<b>49 (0)</b>	<b>42 (-13)</b>	<b>k.A.</b>	<b>k.A.</b>	<b>51 (-9)</b>
	Spanne	31-42	25-62	34-51	16-51	17-66	29-77	31-55	-	-	29-87
<b>Anzahl Flächen 2018</b>		<b>63</b>	<b>43</b>	<b>37</b>	<b>69</b>	<b>146</b>	<b>66</b>	<b>41</b>	<b>63</b>	<b>5</b>	<b>109</b>
<b>Flächenanteile Kultur %</b>		<b>10</b>	<b>7</b>	<b>6</b>	<b>11</b>	<b>22</b>	<b>10</b>	<b>6</b>	<b>10</b>	<b>1</b>	<b>17</b>

(Werte in Klammern) = Abweichung zum 5-jährigen Durchschnitt (in kg N/ha)