

	Subgroup	Category				Response ratio	I <sup>2</sup> (%)	n
Yield	Crop type	Cereal crop				1.36 [ 1.25 , 1.48 ]	99.89	293
		Cash crop				1.29 [ 1.2 , 1.39 ]	99.05	147
						<b>1.34 [ 1.25 , 1.42 ]</b>	<b>99.84</b>	<b>440</b>
	Film type	Transparent PE				1.33 [ 1.24 , 1.44 ]	99.65	252
		Black PE				1.29 [ 1.18 , 1.41 ]	99.63	64
		Degradable				1.29 [ 1.18 , 1.41 ]	98.82	62
		Others				1.32 [ 1.11 , 1.56 ]	98.33	37
		Liquid				1.09 [ 1.05 , 1.13 ]	42.39	14
						<b>1.33 [ 1.25 , 1.42 ]</b>	<b>99.84</b>	<b>429</b>
	Mulching cycle	Seedling stage				1.42 [ 1.16 , 1.74 ]	98.39	26
		Whole year				1.32 [ 1.17 , 1.49 ]	99.59	45
		Full growing season				1.32 [ 1.17 , 1.49 ]	98.18	53
		Half growing season				1.29 [ 1.14 , 1.46 ]	94.4	10
						<b>1.35 [ 1.24 , 1.48 ]</b>	<b>99.32</b>	<b>134</b>
	Mulching method	Flat mulching				1.58 [ 1.02 , 2.43 ]	99.58	28
		Ridge-furrow mulching				1.44 [ 1.26 , 1.64 ]	99.95	185
						<b>1.43 [ 1.25 , 1.63 ]</b>	<b>99.94</b>	<b>213</b>
	Mulching ratio	50-100				1.54 [ 1.25 , 1.9 ]	99.28	93
		29-50				1.24 [ 1.16 , 1.32 ]	95.63	49
						<b>1.47 [ 1.23 , 1.76 ]</b>	<b>99.3</b>	<b>142</b>
	Film thickness	0.003-0.008				1.41 [ 1.23 , 1.61 ]	99.7	173
		0.008-0.015				1.32 [ 0.96 , 1.83 ]	99.99	19
		0.015-0.400				1.27 [ 1.16 , 1.39 ]	95.31	74
						<b>1.36 [ 1.23 , 1.5 ]</b>	<b>99.91</b>	<b>266</b>
Total						<b>1.34 [ 1.25 , 1.42 ]</b>	<b>99.84</b>	<b>440</b>
Soil temperature	Crop type	Cereal crop				1.08 [ 1.06 , 1.1 ]	72.39	182
		Cash crop				1.1 [ 1.06 , 1.14 ]	63.01	123
						<b>1.08 [ 1.07 , 1.1 ]</b>	<b>69.6</b>	<b>305</b>
	Film type	Transparent PE				1.09 [ 1.06 , 1.11 ]	57.44	137
		Black PE				1.07 [ 1.05 , 1.1 ]	76.71	59
		Degradable				1.08 [ 1.03 , 1.13 ]	47.01	49
		Others				1.12 [ 1.1 , 1.15 ]	18.1	41
		Liquid				1.01 [ 0.95 , 1.08 ]	15.38	12
						<b>1.09 [ 1.07 , 1.1 ]</b>	<b>70.38</b>	<b>298</b>
	Mulching cycle	Seedling stage				1.04 [ 0.99 , 1.09 ]	0	11
		Whole year				1.05 [ 0.99 , 1.11 ]	7.83	28
		Full growing season				1.1 [ 1.07 , 1.14 ]	0	17
		Half growing season				1.16 [ 0.96 , 1.4 ]	0	2
						<b>1.07 [ 1.03 , 1.1 ]</b>	<b>11.55</b>	<b>58</b>
	Mulching method	Flat mulching				1.04 [ 1 , 1.08 ]	0	20
		Ridge-furrow mulching				1.08 [ 1.04 , 1.13 ]	87.78	109
						<b>1.08 [ 1.04 , 1.12 ]</b>	<b>85.02</b>	<b>129</b>
	Mulching ratio	50-100				1.06 [ 1.02 , 1.1 ]	16.77	60
		29-50				1.03 [ 0.97 , 1.11 ]	75.01	23
						<b>1.06 [ 1.03 , 1.1 ]</b>	<b>41.56</b>	<b>83</b>
	Film thickness	0.003-0.008				1.09 [ 1.05 , 1.14 ]	65.08	96
		0.008-0.015				1.09 [ 1.03 , 1.15 ]	95.12	24
		0.015-0.400				1.09 [ 1.06 , 1.12 ]	41.63	84
						<b>1.09 [ 1.06 , 1.12 ]</b>	<b>82.3</b>	<b>204</b>
Total						<b>1.08 [ 1.07 , 1.1 ]</b>	<b>69.6</b>	<b>305</b>
Soil moisture content	Crop type	Cereal crop				1.13 [ 1.1 , 1.16 ]	55.39	195
		Cash crop				1.29 [ 1.16 , 1.44 ]	88.67	53
						<b>1.17 [ 1.13 , 1.21 ]</b>	<b>78.6</b>	<b>248</b>
	Film type	Transparent PE				1.16 [ 1.12 , 1.21 ]	71.85	174
		Black PE				1.2 [ 1.09 , 1.31 ]	92.09	29
		Degradable				1.15 [ 1.08 , 1.23 ]	70.38	29
		Others				1.27 [ 1.04 , 1.55 ]	50.22	5
		Liquid				1.17 [ 0.91 , 1.49 ]	93.73	9
						<b>1.17 [ 1.13 , 1.21 ]</b>	<b>79.3</b>	<b>246</b>
	Mulching cycle	Seedling stage				1.22 [ 1.02 , 1.45 ]	73.32	13
		Whole year				1.14 [ 1.08 , 1.21 ]	29.65	38
		Full growing season				1.06 [ 1.01 , 1.11 ]	27.27	25
		Half growing season				1.14 [ 0.97 , 1.33 ]	8.68	6
						<b>1.15 [ 1.07 , 1.23 ]</b>	<b>61.33</b>	<b>82</b>
	Mulching method	Ridge-furrow mulching				1.15 [ 1.11 , 1.19 ]	67.96	131
		Flat mulching				1.1 [ 1.05 , 1.15 ]	13.49	25
						<b>1.15 [ 1.11 , 1.19 ]</b>	<b>66.02</b>	<b>156</b>
	Mulching ratio	50-100				1.14 [ 1.1 , 1.19 ]	36.34	67
		29-50				1.11 [ 1.04 , 1.17 ]	33.39	26
						<b>1.14 [ 1.1 , 1.18 ]</b>	<b>33.56</b>	<b>93</b>
	Film thickness	0.003-0.008				1.18 [ 1.11 , 1.24 ]	80.44	131
		0.015-0.400				1.11 [ 0.91 , 1.35 ]	46.99	6
		0.008-0.015				1.3 [ 1.24 , 1.37 ]	82	11
						<b>1.18 [ 1.12 , 1.24 ]</b>	<b>84.3</b>	<b>148</b>
Total						<b>1.17 [ 1.13 , 1.21 ]</b>	<b>79.84</b>	<b>252</b>