

On station and on-farm yield trial with Mg sesam mutants.

Sub station Plot

D/S - 01-03-23

Variety/Mutant	D/P	D/M	Yield/plot 12m ²	
		25-5-23	1.3	
RM-25		25-5-23	1.2	
		25-5-23	1.5	
		4-6-23	1.4	
RM-26		4-6-23	1.3	
		4-6-23	1.3	
		5-6-23	1.5	
Binatil-1		5-6-23	1.2	
		5-6-23	1.2	
		4-6-23	1.4	
BARIT-4		4-6-23	1.5	
		4-6-23	1.5	

On station and on farm yield trial with Mg secondary mutants.

Farmers Plot

DTs - 26-2-23

Variety/Mutants	DTF	DTM	Yield/P lot 12m ²	
	0.1	20-5-23	1.6	
RM-25	0.1	20-5-23	1.5	20-23
	0.1	20-5-23	1.5	
	0.1	22-5-23	1.5	
RM-26	0.1	22-5-23	1.6	20-23
	0.1	22-5-23	1.6	
	0.1	23-5-23	1.6	
Binatir-1	0.1	23-5-23	1.6	20-23
	0.1	23-5-23	1.7	
	0.1	22-5-23	1.4	
BARITil-4	0.1	22-5-23	1.5	20-23
	0.1	22-5-23	1.5	

0.1 20/5/23 1.2 20-23

0.1 20/5/23 1.4

0.1 20/5/23 1.4

0.1 20/5/23 1.2

0.1 20/5/23 1.5 A-20/5/23

0.1 20/5/23 1.3

0.1 20/5/23 1.2

0.1 20/5/23 1.5 A-20/5/23

0.1 20/5/23 1.2

Date Sheet On Station yield trial with Mg pesamy mutants

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RM-25

Plant hight	Branch/plat	Pod/Plant	pod length	Seed/Plant
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96	0	79	3	54
95	0	75	3	80
120	0	68	2	64
99	0	54	4	48
<u>107</u>	<u>0</u>	<u>62</u>	<u>4</u>	<u>54</u>

113	0	58	3	80
107	0	56	2	64
117	0	42	2	44
114	0	43	3	80
<u>102</u>	<u>0</u>	<u>52</u>	<u>3</u>	<u>84</u>

125	0	38	3	84
106	0	58	3	44
102	0	59	2	36
95	0	62	3	64
<u>103</u>	<u>0</u>	<u>164</u>	<u>3</u>	<u>60</u>

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RM-26

Plant height	Branch/Plant	Pod/Plant	Pod length	Seed/pod
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116	3	92	32	56
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119	2	48	28	64
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108	3	44	26	60
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108	2	73	34	80 80
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<u>110</u>	<u>3</u>	<u>53</u>	<u>26</u>	<u>72</u>
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105	2	38	2	80
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107	2	48	2	64
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105	4	27	3	60
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108	3	135	2	72
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<u>109</u>	<u>4</u>	<u>80</u>	<u>2</u>	<u>70</u>
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110	2	48	3	72
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100	2	75	2	64
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106	2	62	2	80
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102	3	56	3	72
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<u>108</u>	<u>3</u>	<u>32</u>	<u>3</u>	<u>60</u>
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Plant height	Branch/Plant	Pod/Plant	Pod length	Seed/pod
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107	0	55	3	44
112	0	27	3	68
108	0	44	4	62
105	0	42	3	72
<u>108</u>	<u>0</u>	<u>45</u>	<u>2</u>	<u>69</u>

109	0	48	2	64
105	0	42	3	54
112	0	56	3	60
109	0	63	5	79
<u>107</u>	<u>0</u>	<u>49</u>	<u>4</u>	<u>64</u>

115	0	42	3	62
110	0	68	4	60
112	0	71	5	68
108	0	52	4	72
<u>107</u>	<u>0</u>	<u>60</u>	<u>4</u>	<u>80</u>

Barium

BARITIL-4

Plant height	Branch/Plant	Pod/Plant	pod length	Seed/pod.
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98	3	42	3	84
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110	2	73	2	80
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107	3	81	2	64
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103	3	76	3	80
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<u>105</u>	<u>2</u>	<u>49</u>	<u>3</u>	<u>64</u>
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102	2	65	3	64
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96	2	49	2	50
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99	3	66	3	80
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103	3	72	3	80
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<u>102</u>	<u>3</u>	<u>56</u>	<u>2</u>	<u>64</u>
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105	2	48	2	72
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100	1	63	2	62
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97	2	39	2	64
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103	2	56	3	80
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<u>102</u>	<u>3</u>	<u>70</u>	<u>2</u>	<u>62</u>
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Data sheet On farm yield trial with M8 sesame-mut

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RM-25

Plant height	Branch/plant	Pod/Plant	Pod length	Seed/pod
100	0	36	3	68
123	0	81	3	86
111	0	79	2	64
109	0	61	2	44
<u>132</u>	<u>0</u>	<u>58</u>	<u>3</u>	<u>44</u>
106	0	42	2	56
135	0	78	3	56
121	0	87	2	80
119	0	37	3	60
<u>86</u>	<u>0</u>	<u>31</u>	<u>3</u>	<u>44</u>
98	0	45	3	54
107	0	29	2	68
113	0	38	3	60
105	0	49	2	44
<u>83</u>	<u>0</u>	<u>54</u>	<u>3</u>	<u>60</u>

green, dry

RM-126 + 0/01 ET

Plant height	Branch/Plant	Pod/Plant	pod length	Seed/pod
92	2	26	3	60
103	1	43	3	64
117	2	48	3	64
113	0	24	4	84
<u>111</u>	<u>2</u>	<u>26</u>	<u>3</u>	<u>56</u>
107	0	26	3	80
106	2	12	4	72
118	3	53	3	54
103	0	20	3	68
<u>91</u>	<u>0</u>	<u>18</u>	<u>4</u>	<u>42</u>
89	0	29	4	60
93	0	33	4	64
88	2	19	3	84
88	0	22	4	54
<u>95</u>	<u>2</u>	<u>24</u>	<u>3</u>	<u>64</u>

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Binatil-1-18

Plant height	Branch/plant	Pod/plant	pod length	Seed /pod
137	0	46	4	49
101	0	39	4	69
128	0	21	3	60
108	0	51	2	64
<u>144</u>	<u>0</u>	<u>59</u>	<u>4</u>	<u>84</u>

142	0	51	3	44
147	0	39	4	80
140	0	68	4	64
133	0	26	5	54
<u>147</u>	<u>0</u>	<u>48</u>	<u>5</u>	<u>60</u>

116	0	36	4	64
137	0	54	4	94
143	0	32	4	54
126	0	69	5	60
<u>127</u>	<u>0</u>	<u>29</u>	<u>3</u>	<u>60</u>

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BARITIL - 4

Plant height	Branch/plant	Pod/Plant	pod length	Seed/pod
86	2	18	3	80
118	3	37	2	64
93	2	27	2	84
98	2	49	3	80
<u>111</u>	<u>2</u>	<u>23</u>	<u>3</u>	<u>44</u>
91	2	52	3	64
102	3	54	3	40
85	4	28	4	54
109	2	31	3	60
<u>146</u>	<u>2</u>	<u>29</u>	<u>2</u>	<u>84</u>
103	1	25	3	72
105	2	34	4	80
93	2	36	3	64
83	4	45	4	84
<u>95</u>	<u>3</u>	<u>28</u>	<u>3</u>	<u>64</u>