

Preliminary yield trial with Promising M₂ sesame mutants.

Variety/Mutant	D/F	D/M	yield/plot 12m
SES-01		3-6-23	1.0
		3-6-23	1.2
		3-6-23	1.0
SES-05		26-5-23	1.4
		26-5-23	1.3
		26-5-23	1.3
SES-06		30/5/23	1.3
		30/5/23	1.6
		30/5/23	1.4
SES-09		31/5/23	1.0
		31/5/23	1.1
		31/5/23	1.0
SES-11		30/5/23	1.2
		30/5/23	1.0
		30/5/23	1.4
Binafel-4		30/5/23	1.5
		30/5/23	1.3
		30/5/23	1.3
BARI-til-4		26/5/23	1.3
		26/5/23	1.4
		26/5/23	1.4

Regional yield trial with M7 Sesame mutants.

D/S-28-2-23

Variety/Mutant	DTR	DTM	yield/pl ² 12m ²
ESE-01		31/5/26	0.9
		31/5/26	1.0
		31/5/26	1.0
ESE-03		26/5/23	1.3
		26/5/23	1.2
		26/5/23	1.2
ESE-04		29/5/23	1.0
		29/5/23	0.8
		29/5/23	0.9
ESE-06		27/5/23	1.7
		27/5/23	1.4
		27/5/23	1.2
Binatip-4		29/7/2	1.2
		29/7/5	1.4
		29/7/5	1.4
BARI-M-4		27/5/23	1.2
		27/5/23	1.5
		27/5/23	1.3

Data Sheet Preliminary yield trial with Mg sesamyl mutants

SES-1

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Plant height	Branch/plant	pod/plant	pod length	seed/pod
101	1	47	3	80
100	2	81	3	76
104	2	71	2	82
108	1	103	3	64
<u>93</u>	<u>2</u>	<u>48</u>	<u>3</u>	<u>64</u>

100	2	50	2	82
107	2	46	2	56
106	2	52	2	64
105	3	79	2	60
<u>109</u>	<u>2</u>	<u>56</u>	<u>3</u>	<u>64</u>

105	2	50	3	48
109	2	53	2	56
100	1	73	3	68
106	2	90	2	72
<u>103</u>	<u>2</u>	<u>35</u>	<u>2</u>	<u>88</u>

(2)

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Plant height	Branch/plant	pod/plant	pod length	seed/pod
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116	2	52	3	44
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115	2	72	2	80
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112	3	52	2	88
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106	2	43	2	72
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105	2	65	3	72
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100	4	68	2	84
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100	4	38	2	88
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97	2	54	2	76
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100	2	29	2	88
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96	2	39	2	72
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108	2	46	2	86
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103	3	58	2	72
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105	2	86	2	44
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103	3	57	3	62
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105	2	80	2	80
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SE.S - 5



Plant height	Branch/Plant	Pod/Plant	Pod length	Seed/Pod
100	4	68	2	52
104	3	42	2	80
105	3	56	2	72
102	4	70	3	84
<u>102</u>	<u>3</u>	<u>99</u>	<u>3</u>	<u>78</u>
105	2	49	2	60
109	3	49	2	84
106	2	69	2	80
98	4	51	2	90
<u>97</u>	<u>2</u>	<u>39</u>	<u>3</u>	<u>132</u>
102	2	73	2	91
105	6	53	2	80
100	4	57	2	94
107	4	61	2	120
<u>110</u>	<u>3</u>	<u>36</u>	<u>2</u>	<u>64</u>

Plant height	Branch/plant	pod/plant	pod length	Seed/pod
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102	2	56	2	84
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109	4	50	2	59
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100	4	88	2	68
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105	4	49	2	48
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111	2	76	2	80
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105	4	72	2	80
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104	2	70	2	74
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104	2	75	2	60
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107	4	81	2	84
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104	3	57	2	84
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106	2	96	2	56
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103	3	74	3	64
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111	2	56	2	52
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92	2	48	2	70
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95	2	80	2	74
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SES-9

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Plant height	Branch/Plant	Pod/Plant	pod length	Seed/pod
103	2	37	2	72
116	2	58	2	84
132	2	28	2	64
119	1	73	2	80
129	2	53	2	88
<u>1</u>	<u>2</u>	<u>53</u>	<u>2</u>	<u>88</u>

106	5	82	3	104
106	2	44	2	84
100	3	53	2	94
106	3	54	2	132
104	2	45	3	96
<u>1</u>	<u>2</u>	<u>45</u>	<u>3</u>	<u>96</u>

105	2	47	2	84
121	4	30	2	188
118	2	46	2	72
124	2	58	3	
119	2	68	2	
<u>1</u>	<u>2</u>	<u>68</u>	<u>2</u>	

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A-13+19A



Plant height	Branch/plant	Pod/plant	Pod length	Seed/pod
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120	4	76	2	84
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116	4	84	2	80
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112	4	52	2	80
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118	4	96	2	68
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<u>122</u>	<u>4</u>	<u>64</u>	<u>2</u>	<u>96</u>
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100	5	59	2	74
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102	4	86	2	80
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100	4	77	2	74
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102	3	68	2	72
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<u>105</u>	<u>4</u>	<u>89</u>	<u>2</u>	<u>176</u>
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127	7	82	3	80
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114	5	63	2	86
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106	4	187	2	106
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111	6	87	3	74
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<u>107</u>	<u>4</u>	<u>86</u>	<u>2</u>	<u>80</u>
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Plant height	Branch/plant	Pod/Plant	Pod length	Seed/pod
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98	3	50	2	80
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97	2	60	2	64
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102	4	57	2	52
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96	2	77	2	96
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<u>95</u>	<u>2</u>	<u>51</u>	<u>2</u>	<u>84</u>
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93	2	58	2	84
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100	2	63	2	64
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97	3	43	2	96
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92	2	62	2	52
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<u>103</u>	<u>2</u>	<u>69</u>	<u>2</u>	<u>120</u>
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105	2	42	2	110
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99	3	69	3	80
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100	3	75	3	60
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96	2	49	2	54
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<u>94</u>	<u>2</u>	<u>58</u>	<u>2</u>	<u>120</u>
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Data Sheet Regional yield trial with M7 Sesame mutant

ESE-01

(6)

Plant height	Branch/plant	Pod/plant	Pod length	Seed/pod
100	2	42	2	48
94	2	48	2	48
78	2	37	2	72
92	1	51	3	48
100	2	39	2	89

97	1	58	2	64
106	2	56	2	80
96	4	84	2	44
103	2	36	3	80
84	1	74	2	92

92	2	56	2	84
94	2	42	2	88
94	2	48	2	64
100	2	60	2	44
102	1	63	2	72

ESE-03

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Plant height	Branch/Plant	pod/Plant	pod length	seed/Plant
113	2	35	2	96
132	4	74	2	76
132	3	54	2	82
108	2	63	2	80
<u>116</u>	<u>3</u>	<u>56</u>	<u>2</u>	<u>80</u>

107	2	82	2	68
101	1	47	2	120
118	2	54	3	159
105	2	68	2	96
<u>106</u>	<u>2</u>	<u>46</u>	<u>2</u>	<u>84</u>

106	3	45	3	84
104	2	66	2	132
96	2	76	2	160
100	3	54	2	136
<u>103</u>	<u>3</u>	<u>72</u>	<u>2</u>	<u>82</u>

96	2	52	2	78
88	2	57	2	80
100	3	44	2	68
89	2	44	2	86
100	2	37	2	64

94	2	40	2	80
105	3	64	3	68
92	2	48	2	96
105	1	57	2	88
97	2	46	2	64

100	2	78	2	
93	3	47	2	
104	2	45	2	
100	2	48	2	
100	1	58	2	

Plant height	Branch/plant	pod/plant	pod length	seed/pod
98	4	41	2	78
98	2	61	2	84
100	3	47	2	84
90	3	86	2	96
94	2	47	2	64

105	4	38	2	140
100	4	46	2	132
105	3	51	2	76
96	4	29	2	120
96	2	49	2	110

105	2	40	2	126
111	4	64	2	72
109	4	49	2	96
108	4	84	2	72
102	3	78	2	52

Plant height	Branch/plant	pod/plant	Branch/plant	Plant height
90	2	32	2	64
92	2	41	2	84
112	2	48	2	68
96	2	70	2	72
<u>102</u>	<u>1</u>	<u>52</u>	<u>2</u>	<u>84</u>
100	3	57	2	88
100	2	52	2	68
109	2	61	2	60
97	2	87	2	72
<u>106</u>	<u>3</u>	<u>61</u>	<u>2</u>	<u>64</u>
100	2	107	2	84
93	2	72	2	80
109	4	96	2	84
100	3	32	2	72
<u>98</u>	<u>4</u>	<u>60</u>	<u>2</u>	<u>64</u>

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10-323

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Plant hight	Branch/plant	pod/plant	pod length	seed/pod
115	2	68	2	80
112	3	50	2	50
114	2	56	2	64
117	2	46	2	72
<u>115</u>	<u>2</u>	<u>58</u>	<u>2</u>	<u>50</u>
112	3	53	2	64
114	2	47	2	50
113	2	51	2	64
112	2	65	2	56
<u>115</u>	<u>2</u>	<u>49</u>	<u>2</u>	<u>72</u>
110	2	51	2	72
116	3	68	2	54
112	3	72	2	50
115	2	55	2	64
<u>116</u>	<u>2</u>	<u>42</u>	<u>2</u>	<u>60</u>