

STOCKS AVAILABLE

Swiecicki, W. K. Plant Experiment Station

Wiatrowo, Poland

Induced mutation spectrum based on 1314 mutations found in two genotypes of pea under the influence of Nf, Nj+NEU, NEU (see Swiecicki:PNL 1979 and Mut. Breed. Newsl., 17, 1981)

Group	Mutation Type	Wt 3527			Wt 4042		
		200r Nf	200r/.014% Nf + NEU	0.014% NEU	500r Nf	500r/.014% Nf + NEU	0.014% NEU
2.2	infecunda		1	4			
2.3	late flowering node		1				
	revert to vegetative growth		1				
	sterile nodes few		1	1	2	1	
3.2	increasing number of seeds/pod						1
	reducing number of seeds/pod	1		1	5	2	1
3.8	cotyledons green	1	16	3	2	2	2
	rugosus	1	4	6	2	3	11
4.1	ascendens		1				
	fruticosus	3				1	
	number of higher branches	1					1
	ramosus		2	3	1		3
4.2	brevi-internodium	1	3	1		1	2
	densinodosum	3	25	18		2	3
	dwarf	2	4	3			
	internodes much longer	2	4	4	1		
	long - internodes (slender)		1				
	nana	2	5	11			
	short stem					1	
4.3	bifurcated				1	3	1
	coronatum		1				
	determinate growth habit				1		
	double node (internode exclusions)	1					
	fasciata	1	2	5		1	2
	plant stronger	1					
	top-less	6	4				
5.1	cerosa (more waxy)	1	10	4	2		
	waxless		7	16	1	10	6
5.2	burnt leaf		1	2			
	papery leaves						1
	clavicula		2				
	cochlearis					2	1
	crinkled (crumpled)		1		1	1	
	crispoid			1			
	curled		1				1
	more leaflets (supraeromaculata)			1			
5.3	elongata	2	6	8		3	2
	latum			4			1
	rogue		3	1			2

Group	Mutation Type	Wt 3527			Wt 4042		
		200r Nf	200r/.014% Nf + NEU	0.014% NEU	500r Nf	500r/.014% Nf + NEU	0.014% NEU
5.4	acutifolius			1	3		1
	leaflets asymmetrically reduced		1				
	circulifolia						1
	heterophyllus		6	4	4	3	2
	insecatus			1	1		
	irregular leaves					1	1
	leaf twisting		1				
	necrosis		1				
	patelliformis (mini-cup)		3	2			1
	reductus			2		1	
	rolled-in leaf			1			
short stiff leaf		1					
5.6	incisus				1		
5.7	maculum					1	
	petiole short		1		1	2	1
	soft foliage			1			
	superaeromaculata	2	6	5	1		5
6.1	flavo-virdis		3	1			
	virdis		2	3	3		1
6.2	chlorotica	10	46	41	12	21	19
6.3	chlorina	2	55	64	12	40	31
6.4	xantha		7	12		3	6
6.5	albina	1	13	7		2	3
6.6	maculata	1					
	vario-maculata	4	14	16	5	9	6
6.7	variegata		3				
6.8	marginata	2		2			
6.9	costata		4	2		1	1
6.10	albina terminalis		1				
	albina virescens		1	2		1	1
	aureo virescens	8	5	9		3	2
	chlorona terminalis			2			
	chlorina virescens		8	2	1		
	chlorotica terminalis		1				
	chlorotica virescens		5	5	2	2	1
	xantha terminalis		11	5	2	2	
	xantha virescens	5	13	7		1	
6.11	brown leaf spots			2			
	precocious yellowing	2	4	2			
	white stem				1	2	1
8.1	green flowers			1			
8.4	parviflora				1		
8.5	superpetaloidum		2				
8.6	flower abnormalities			1	4		1

Group	Mutation Type	Wt 3527			Wt 4042		
		200r Nf	200r/.014% Nf + NEU	0.014% NEU	500r Nf	500r/.014% Nf + NEU	0.014% NEU
8.8	bracteatus			1	1		
	distance	1					
	inflorescentia conversa				1	1	
9.1	pod-wall sclerenchyma	1	2	1			
9.2	concauum		2			1	1
	corrugatus pod	1					
	tenuis			1			2
9.3	orange pod		2				
9.4	number of pods	1					
10.1	complex fertile (undefined)		1				
	degenerating leaves		8	12	4	8	2
	early wilting		1			1	
	arthritic		1				1
	gracile						
	laciniata fertile					1	
	minulus	2	22	19	4	8	6
	trifoliata			1			
10.2	complex sterile (undefined)	1	5	3			1
	angustifolius						1
	apex densifolius		3	2			2
	cabbage leaf	1	2				
	compactum		16	12	2	1	2
	laciniata		1	1	2	2	2
	obovatus		2	2			
	ovula pistilloida	2	31	51	1	4	5
	infoliata						1
	miscellaneous - undefined	2	7		2	4	
	Total	77	432	406	90	159	150