

Plant		Other legumes		209(03006)	Primary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Planting date	Block	Others	date		
2	Stem color	Block	Observation	1:Green 3:Purple 5:Mixed 9:Others		Observe stem color when primary and secondary leaves open
3	Germination type	Block	Observation	1:Epigeal 3:Hypogeal 5:Intermediate 7:Mixed 9:Others		
4	Date of 50% flowering	Block	Observation	date		Date of 50% of plants with the first flower open
5	Flower color(Standard)	Block	Observation	1:Red 2:Purple 3:Pale purple 4:Yellow 5:Greenish yellow 6:Cream 7:White 8:Blue 9:Others		In the case of the color not being found in the list, choose 9 and describe the color in Observer's comments. In the case of seeds with different colors being mixed, choose 9 and describe the situation in Observer's comments.
6	Flower color(Wing)	Block	Observation	1:Red 2:Purple 3:Pale purple 4:Yellow 5:Greenish yellow 6:Cream 7:White 8:Blue 9:Others		In the case of the color not being found in the list, choose 9 and describe the color in Observer's comments. In the case of seeds with different colors being mixed, choose 9 and describe the situation in Observer's comments.
7	Flower color(Keel)	Block	Observation	1:Red 2:Purple 3:Pale purple 4:Yellow 5:Greenish yellow 6:Cream 7:White 8:Blue 9:Others		In the case of the color not being found in the list, choose 9 and describe the color in Observer's comments. In the case of seeds with different colors being mixed, choose 9 and describe the situation in Observer's comments.
8	Growth habit	Block	Observation	1:Erect 3:Spreading:Branches touch ground 5:Twining:Stems twining to trellis 9:Others		
9	Main stem length	10 plants	Measurement	cm (integer)		Only for erect plant type accession

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10	Date of first pod maturity	Block	Observation	date		Date of 50% of plants having the first mature pod
11	Shattering in the field	Block	Observation	1:No 3:Yes 9:Others		
12	Color of mature pod	Block	Observation	1:Black 2:Blackish brown 3:Brown 4:Pale brown 5:Grayish white 6:Purple 9:Others		In the case of the color not being found in the list, choose 9 and describe the color in Observer's comments. In the case of pods with different colors being mixed, choose 9 and describe the situation in Observer's comments.
13	Mature pod pubescence	Block	Observation	1:Glabrous 3:Pubescent 9:Others		
14	Pod length	10 pods	Measurement	cm (round to the 1st decimal place)		Average of 10 representative pods
15	Seeds per pod	10 pods	Measurement	(integer)		Averaged number of seeds from 10 representative pods
16	100 seed weight	100 seeds, 2 replications	Measurement	g (round to the 1st decimal place)		Use 100 air-dried seeds (no more than 16% water content) with two replications
17	Seed coat color	Block	Observation	1:Black 2:Blackish brown 3:Brown 4:Pale brown 5:Reddish brown 6:Purple 7:White 9:Others		Base seed coat color. In the case of the color not being found in the list, choose 9 and describe the color in Observer's comments. In the case of seeds with different colors being mixed, choose 9 and describe the situation in Observer's comments.
18	Seed mottled color	Block	Observation	1:Black 2:Blackish brown 3:Brown 4:Pale brown 5:Reddish brown 6:Purple 8:Not mottled 9:Others		In the case of the color not being found in the list, choose 9 and describe the color in Observer's comments. In the case of seeds with different colors being mixed, choose 9 and describe the situation in Observer's comments.

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19	Seed length	10	Measurement	mm (round to the 1st decimal place)	Average of 10 seeds
20	Seed width	10	Measurement	mm (round to the 1st decimal place)	Distance from top or hilum to optional side of seed
21	Seed thickness	10	Measurement	mm (round to the 1st decimal place)	Distance across seed of its enter below hilum
22	Observer's comments		Others		Note if evaluator noticed some diseases, pests or special characters of the accession. Note if seed dormancy break treatment, flower initiation treatments such as short day or long day treatments are conducted.