

Plant		Perilla		480	Primary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Plant height	10 plants	Measurement	cm (integer)		Measure height from ground level at maturing time
2	Anthocyanin of the stem	Block	Observation	1:Absent 3:Light 5:Colored 7:Dark colored		Anthocyan pigmentation on stem at flowering time
3	Anthocyanin of leaf vein	Block	Observation	1:Absent 3:Light 5:Colored 7:Dark colored		Anthocyan pigmentation on leaf vein
4	Anthocyanin of the leaf on reverse side	Block	Observation	1:Absent 3:Light 5:Colored 7:Dark colored		Anthocyan pigmentation of the leaf on reverse side
5	Length of ear	10 plants	Measurement	cm (round to the 1st decimal place)		Length of the ear on the top at maturing time
6	Flowering date	Block	Observation	date		Date when 50% of plants have flowered
7	Maturing date	Block	Observation	date		Date when 90% of plants have matured
8	Seed coat color	Block	Observation	1:Grayish white 3:Blackish gray 5:Brown		Seed coat color at maturing time
9	Anthocyanin of the calyx per capsule	Block	Observation	0:Colorless 9:Colored		

Plant		Perilla		480	Primary optional character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Branching attitude	Block	Observation	3:Basal 5:Intermediate 7:Top		
2	Leaf color	Block	Observation	3:Light green 5:Green 7:Dark green		Color observed during the 7-8 leaf age
3	Flower color	Block	Observation	1:White 9:Other		
4	Stem hairiness	Block	Observation	0:None 3:Very little 4:Little 5:Intermediate 6:Hairy 7:Very hairy		Degree of stem hair density at flowering time
5	Number of ears	10 plants	Measurement	* (integer)		Number of ears at maturing time
6	Size of stem	10 plants	Measurement	mm (round to the 1st decimal place)		Size of stem on the base at maturing time

Plant		Perilla		480	Tertiary essential character	
No	Characters	No. of samples	Methods	Rank or measurement unit		Remarks
1	Seed yield	Block	Measurement	g/square meter (round to the 1st decimal place)		Weight of natural dried seed per unit ares
2	Oil content	Block	Measurement	% (round to the 1st decimal place)		Measured by GQA or Soxhlet method
3	Oleic acid content	Block	Measurement	% (round to the 1st decimal place)		Measured by Gas chromatography
4	Linoleic acid content	Block	Measurement	% (round to the 1st decimal place)		Measured by Gas chromatography
5	Linolenic acid content	Block	Measurement	% (round to the 1st decimal place)		Measured by Gas chromatography
6	Perilla keton content		Measurement	mg/100g (round to the 1st decimal place)		

Plant	Perilla		480	Tertiary optional character	
No	Characters	No. of samples	Methods	Rank or measurement unit	Remarks
1	1000 seeds weight	1000 seeds	Measurement	g (round to the 2nd decimal place)	Weight of 1000 mature seeds
2	Uniformity of seed size	Block	Observation	3:Varied 4:Somewhat varied 5:Intermediate 6:Somewhat uniform 7:Uniform	Uniformity of seed size