



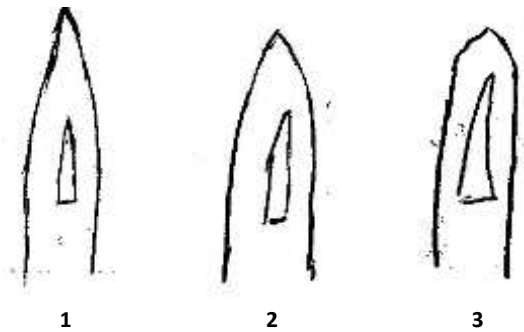
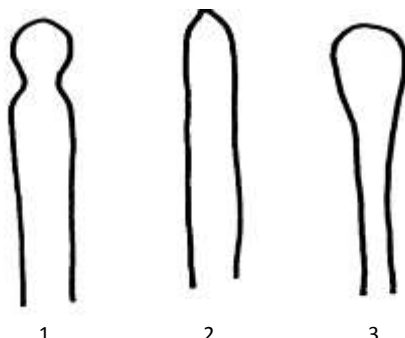
Minimum descriptors for asparagus (*Asparagus* spp.)

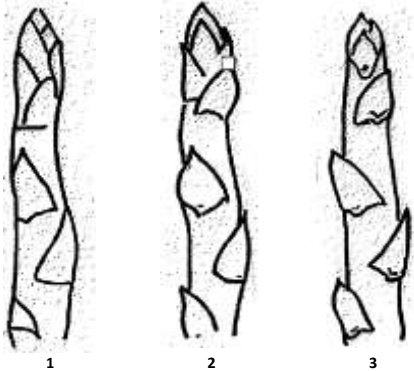
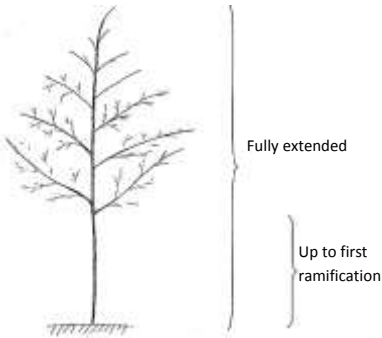
ECPGR Working Group on Leafy Vegetables
April 2014

This descriptor list has been agreed upon by the WG members
and should not be seen as Bioversity International descriptors.

ECPGR Secretariat

Note: The UPOV descriptor numbers refer to the following document:
 UPOV. 2010. ASPARAGUS - UPOV Code: ASPAR_OFF - *Asparagus officinalis* L. Guidelines for the conduct of tests for distinctness, homogeneity and stability. TG/130/4. International Union for the Protection of New Varieties of Plants, Geneva (<http://www.upov.int/edocs/tgdocs/en/tg130.pdf>)

Descriptor name	Descriptor state
Planting date	
Number of plants before winter	
Number of plants after winter	
Date of spear emergence	
Date of commercial maturity	
Homogeneity	1 = Completely heterogeneous 3 = Slightly homogeneous 5 = Moderately homogeneous 7 = Very homogeneous 9 = Completely homogeneous
Colour of budding top	1 = White 2 = Purple (shoot head should be pink, lilac or purple, bottom should be white) 3 = Purple-green (upper part of sprout should be purple or green, bottom should be white) 4 = Green (head and main part of sprout should be green)
Spear: shape of apex (UPOV-3)	1 = Narrow triangular 2 = Medium triangular 3 = Broad triangular 
Spear: diameter of base of apex compared to middle of stem (UPOV-4)	1 = Smaller 2 = Equal 3 = Larger 

Descriptor name	Descriptor state
Attitude of bracts (UPOV-5)	1 = Adpressed 2 = Slightly held out 3 = Markedly held out 
Plant: number of stems (UPOV-8)	1 = Few 2 = Medium 3 = Many
Spear: opening of bracts (UPOV-9)	1 = Weakly open 2 = Moderately open 3 = Strongly open
Plant: density of phylloclades (UPOV-10)	1 = Sparse 2 = Medium 3 = Dense
Plant: intensity of green coloration of foliage (UPOV-11)	1 = Light 2 = Medium 3 = Dark
Stem: length (UPOV-12)	1 = Short 2 = Medium 3 = Long 
Date of bolting (50%)	
Flowering time (50%)	
Plant height (cm)	
Colour of flowers	1 = Yellowish to yellowish green 2 = White

Descriptor name	Descriptor state
Type of flowering (UPOV-16)	<p> 1 = Dioecious (plants with male flowers and plants with female flowers) 2 = Monoecious (plants with male and female flowers) 3 = Androhermaphrodite: plants with androhermaphrodite flowers and plants with male flowers with style rudiments 4 = Hermaphroditic: plants with flowers that have both staminate (male, pollen-producing) and carpellate (female, ovule-producing) parts </p> 