



MORPHOLOGICAL DESCRIPTOR

Capsicum spp.



Federal Seed Certification & Registration Department
Ministry of Food, Agriculture & Livestock
Government of Pakistan, Islamabad

*Testing Genetic Suitability and Adaptability: and
Registration of Crop Varieties is Legal Obligation
under Section 8 of Seed Act, 1976.*

Dr. M. Ashraf Tajammal
Ms. Naheed Naz

GENERAL

Variety name

Species name

Parentage

Pedigree

Breeder (s)

Variety maintainer (s)

Comparable variety (s)

Breeding center/institute

Origin Local Exotic

Breeding method Selection Hybridization Introduction Any other

Areas of adaptation

Sowing time

Maturity duration Short Medium Long

SEEDLING CHARACTERISTICS

Seedling height (cm) (after two weeks)

Seedling anthocyanin Absent Present

PLANT CHARACTERISTICS

Growth habit Erect Semi erect

Plant height (cm)

Stem pubescence Absent Sparse Medium Profuse

Stem color Green Purple

Node anthocyanin Absent Weak Medium Strong

LEAF CHARACTERISTICS

Leaf color L. green Green Dark green

Leaf pubescence Absent Sparse Medium Profuse

Leaf length/width (cm)/.....

FLOWER CHARACTERISTICS

Days to flowering

Peduncle attitude Erect Semi erect

No. of pedicel/axil

Pedicel position at anthesis Pendent Intermediate Erect

Calyx type Non enveloping Enveloping

Corolla color White Green white Blue Violet Any other

Annular constriction at junction of calyx & peduncle Absent Present

FRUIT CHARACTERISTICS

Fruit position Drooping Semi drooping

Fruit color (immature) Greenish white Yellowish Green Purple

Fruit color (at maturity) Green Yellow Red Brown Purple Orange

Fruit length (cm)

Fruit diameter (cm)

Fruit shape Flattened Round Cordate Square Trapezoid Rectangular
 Triangular Narrow triangular Hornshaped

Fruit surface texture Smooth Slightly wrinkled Strongly wrinkled

Fruit glossiness Weak Medium Strong

Depth of interlocular grooves Absent Shallow Medium Deep V. deep

Number of locules

Depth of stalk cavity Shallow Medium Deep

Fruit shape at blossom end Pointed Blunt Sunken
Fruit pungency Not pungent Low Intermediate High

SEED CHARACTERISTICS

Seed color L. Yellow Yellow Yellowish white L. brown
Seed shape Compressed orbicular compressed semi orbicular Any other
Seed size Small Medium Bold
Seed diameter (mm)
000, seed weight (g)

ENVIRONMENTAL ADAPTABILITY (Evaluation done under define conditions)

Flowering Response to seasons Stable Variable Highly variable

Drought tolerance Least tolerant Medium Most tolerant
(Measured as reduction in yield).

Tolerance to salinity Least tolerant Medium Most tolerant
(Measured by reduction in plant height 30 days after sowing).

Tolerance to acid soils Least tolerant Medium Most tolerant
(Measured as reduction in plant height 30 days after sowing).

Cold tolerance Least tolerant Medium Most tolerant
(Measured as reduction in general vigour and productivity after being continuously exposed to an average temperature of 15 °C for at least 15 days).

Heat tolerance Least tolerant Medium Most tolerant
(Measured as yield reduction when continuously exposed to average of 40 °C during the flowering period).

RESISTANCE TO INSECTS/PESTS

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RESISTANCE TO DISEASES

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DISTINGUISHING CHARACTERISTICS

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RECOMMENDED/APPROVED BY

Variety Evaluation Committee (VEC)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Experts Sub Committee	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Provincial Seed Council	<input type="checkbox"/> Yes	<input type="checkbox"/> No

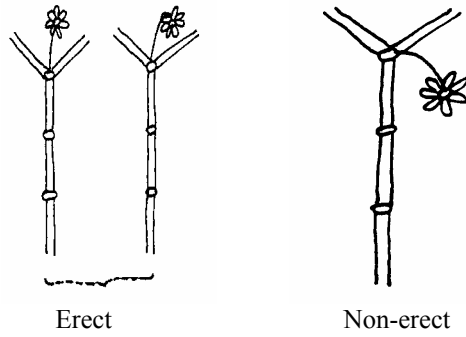
COMMENTS OF SPOT EXAMINATION

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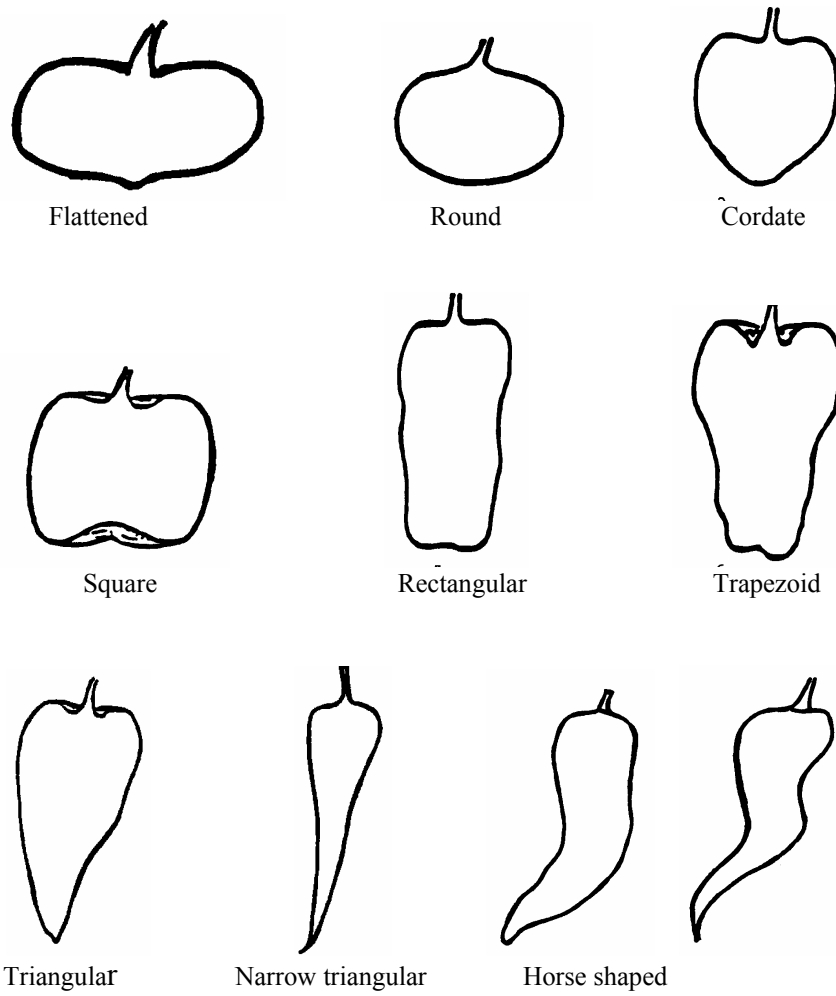
ADDITIONAL INFORMATION

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PEDUNCLE ATTITUDE



FRUIT SHAPE



CALYX TYPE



Non enveloping



Enveloping