



DRYLAND SEED LIMITED

## PIGEON PEA



Characteristics	Mbaazi - 1	Mbaazi - 2	KAT 60/8
Growth habit	Semi spreading	spreading	spreading
Flowering pattern	indeterminate	indeterminate	indeterminate
Stem colour	Purplish green	green	green
Flower colour	Un open flowers are red Open flowers are yellow	Yellow	
Pod colour	Green with purple streaks	Green with dark stripes	yellow
Seeds per pod	5-6	6-7	5-6
Seed colour	Greyish	Greyish	Greyish
Seed shape	Round	round	Round
Seed weight (g/100)	12-13	14-16	14-15
Plant height (cm)	80-120	120-240	85-130
Maturity period	3 – 4 months	5 – 6 months	4 – 5 months

Pigeon pea seed rates and spacing at varying altitudes

Pigeon pea duration category	Seed rate in kg/acre	Altitude (m a s l)		
		21-800	800-1900	>1900
Short determinate(3-4 months)	12	50*20 cm	40*10 cm	30*10 cm
Short indeterminate (4-5months)	10	100*30 cm	75*30 cm	50* 30 cm
Medium (5-6 months)	7-8	150*30 cm	150*30 cm	75* 30 cm
Long (9-11months)	4-5	Not advisable	180 *50 cm	100 * 50 cm

Seed and sowing

1. Use certified seed
2. Dress seed
3. Sow seed when conditions are favorable
4. Depth of sowing 4 -5 cm

## PESTS AND DISEASE MANAGEMENT

### Diseases

#### ***Fusarium* wilt**

Control by crop rotation with cereals, rogue out the infected plants, solarize the field in summer to help reduce inoculum, plant tolerant varieties.

#### ***Cercospora* Leaf spot**

Use Mancozeb containing fungicide

#### **Powdery mildews**

Control by use of appropriate fungicides

**Pests**

Pod borers, pod bugs, pod flies, blister beetles and bruchids

**Control**

By use of crop rotation, deep ploughing, use of trap crops, use of appropriate chemicals and fumigate with Aluminium phosphate for the case of bruchids and weevils.

**HARVESTING**

Done when 90% of the pods are at physiological maturity or when pods turn brown and are dry.

For further information contact:

DRYLAND SEED LTD

P.O. BOX 1438 – 90100

MACHAKOS.

Tel.044-21449

0722829287

COMPILED BY PETER MUTUA, MILCAH MUTISYA AND NGILA KIMOTHO

ACKNOWLEDGEMENT:

KARI AND KEPHIS