

DUMA AND NGAMIA

New Wheat Varieties For Dry Areas Of Kenya

The Varieties

Duma and Ngamia wheat varieties have been developed for the dry areas of Kenya.

Where can they be grown?

- o In dry areas with low rainfall.
- o In areas with short growing periods like Lower Narok, Kajiado, Naivasha, Mogotio and Machakos.

What is good about Duma and Ngamia?

- o They mature early.
- o They yield up to 9 bags per acre.
- o They have good resistance to rust diseases.
- o They have good eating qualities.



For best yields

- Prepare land early, as soon as there is no more straw to graze.
- Use good quality seed that is disease free, of high germination and free from weeds and dirt. Buy your seed from trusted seed shops.
- Plant early at the onset of rains. Use a wheat planter or plant by broadcasting. If a planter is used, use 1 bag (50 kg) of seed per acre. If planting is by broadcasting, mix 1 1/2 bags of seed per acre with fertilizer and cover by giving a light harrowing.
- Use 1 bag (50 kg) of DAP fertilizer per acre if you are using a wheat planter and 1 1/2 bags if you are planting by broadcasting.
- Apply 2 wheelbarrows per acre of farmyard manure if it is available.



When planting by broadcasting use 1½ bags per acre of DAP & seed



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Well-prepared land and clean seed reduce weed problems. If necessary, apply a recommended herbicide like Buctril MC at the rate of 4 knapsack sprayers per acre. To each knapsack filled with water add 1 50 ml of herbicide. Apply Buctril MC when the crop has 4 to 6 leaves.



Wheat attacked by Russian wheat aphid



DISEASE AND PESTS

There is good disease resistance in these two varieties. Look out for attack by Russian wheat aphid. this is a small greenish insect whose damage includes purple or yellow lines on the leaves, curled leaves or bent heads.

RECOMMENDED PESTICIDES

NAME	KNAPSACKS PER ACRE	IN 20 L KNAPSACK
Metasystox	50 ml	4
Folimat	125 ml	4
Azocord	100 ml	4

HARVEST



The crop is ready for harvest in about 4 months when the grain is hard. Harvesting can be done by combine harvester. The wheat can also be cut using sickles and threshed by hand.



Grow Duma and Ngamia and be assured of a harvest

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