

The Importance of Using Good Seeds

Seed quality is affected by temperature, nutrients and other environmental factors.





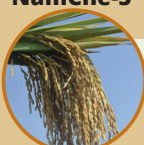
Using good quality seed ensures:

- Quick germination
- Higher seedling emergence
- More uniform plant growth
- Faster growth rate
- Better resistance to stress and diseases

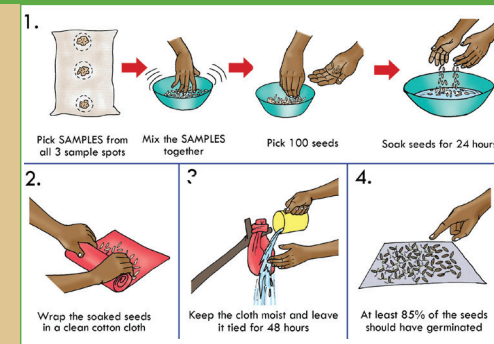
Using good quality seed can increase yields by 5-20%

Improved seed is available through certified input dealers.

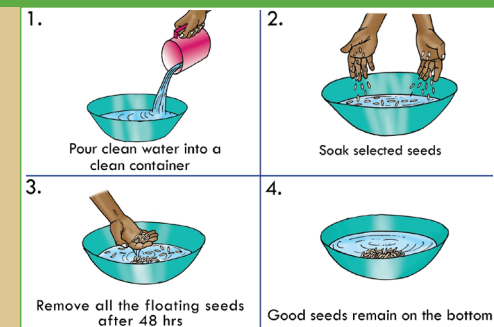
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MANGO TREE
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Seed Varieties	Attributes			Distinctive Features	
	Potential Yield (kg/ha)	Maturity (days)	Milling %		Milled Grain Size /Appearance
NamChe-1 	3,800	105	65	Performs well in poor soils	Large and shiny
NamChe-2 	4,300	128	67	Light aroma	Large and glossy
NamChe-3 	4,550	125	72	Dark green leaves	Medium and white
NamChe-4 	4,500	120	72	Dark green leaves	Medium and white
NamChe-5 	4,500	125	66	Light aroma	Medium and white

How to conduct a germination test



Plant the best seed by doing a float test



For more information contact:
National Agricultural Research Organisation (NARO)
P.O. Box 295, Entebbe, Uganda
E-mail: dgnaro@naro.go.ug
www.naro.go.ug
Telephone: +256 414 3201041



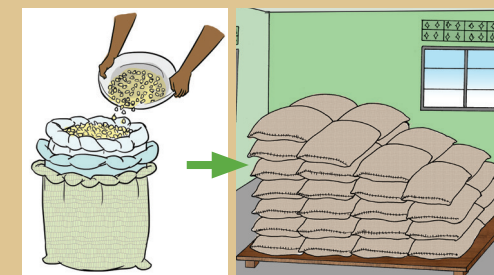
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 THE WORLD BANK

Seed Storage

Seeds become less healthy over time. After drying properly, seeds should be stored in an airtight container without exposure to light or moisture. It is best to plant seeds within one year.



The most common airtight storage containers are silos (made of plastic or metal) or hermetic storage bags. Storing grain in an airtight container prevents moisture, pests and air from damaging the grain.



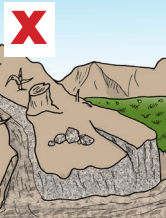



Upland Rice Cropping Calendar

and Seed Selection Guide







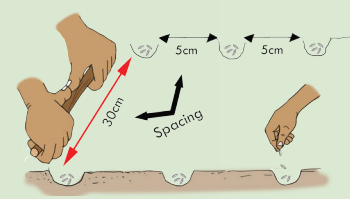
PREPARATION

WEEK 0	DATE DD/MM/YY
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>

Keep track of rice growth dates


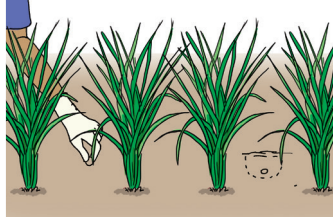

	NOTE: The time from planting to harvesting varies depending on the variety of rice planted.
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VEGETATIVE GROWTH PHASE



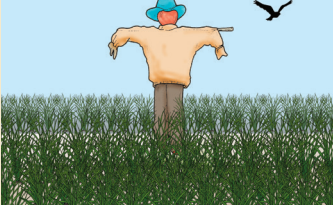
WEEK 1	DATE DD/MM/YY
	<input type="text"/> Basal Fertiliser Application
	<input type="text"/> Harrowing
	<input type="text"/> Planting

WEEKS 2-5	DATE DD/MM/YY
	<input type="text"/> First Weeding
	<input type="text"/> Thinning and Roguing
	<input type="text"/> Top Dressing Application

REPRODUCTIVE PHASE

WEEKS 6-10	DATE DD/MM/YY
	<input type="text"/> Second Weeding
	<input type="text"/> Urea Application
	<input type="text"/> Disease Control

RIPENING PHASE

WEEKS 11-14	DATE DD/MM/YY
	<input type="text"/> Roguing
	<input type="text"/> Potash Application
	<input type="text"/> Bird Prevention

HARVEST

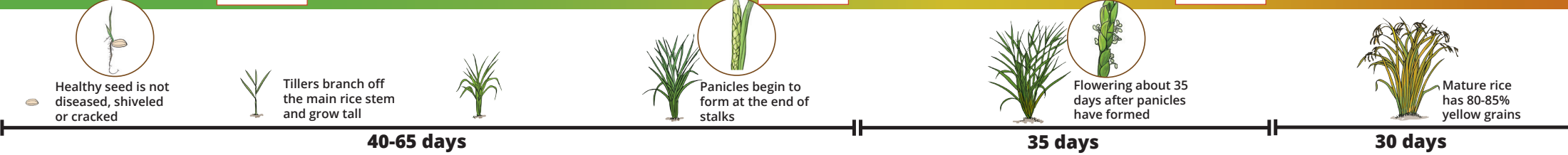
WEEKS 15-18	DATE DD/MM/YY
	<input type="text"/> Harvesting
	<input type="text"/> Threshing
	<input type="text"/> Drying and Cleaning

Seed germination:

Panicles formed:

Full flowering:

Harvested:



Not yet ready for harvest



Ready to be harvested

