GLOBAL RESEARCH. LOCAL PERFORMANCE.

Pannar Seed has been the trusted and preferred partner for farmers in Africa for over 50 years. We know that farming on this continent is no easy task and that's why we constantly invest in the latest research and development technologies and conduct extensive breeding and evaluation programmes throughout Africa: to ensure that the seed you plant is of the highest standard and quality and has been bred to perform under your specific agro-ecological conditions.

Pannar is partnered in Ghana by Wienco Ghana Ltd which has given 30 years to serving the Ghanaian farmers with the best international agricultural expertise. In part of Wienco's commitment to improving productivity of smallholder farmers in Ghana, input packages are given to organized groups of farmers in the form of credit facilities such as seeds, fertilizers and agrochemicals whereby repayment from the farmer groups is done after the harvest of their crops. This in effect has gone a long way to help farmers who may not be financially sound to have access to the needed inputs. This has led to the formation of Masara N'Arziki (Hausa phrase for "maize for prosperity"). In 2010, Masara farmers cultivated 15,000 acres and the expected target by 2015 is 50,000 acres.

Together Pannar, Wienco and Masara N'arziki are educating farmers on yield improvement and ensuring Ghana has a sustainable and food secure future.
HYBRID SUNFLOWER

PAN 7351  Medium Maturity

A top-performing hybrid with high yield potential and stability as well as wide regional adaptation.

- Approximate 50% bloom: 68 days
- Physiological maturity: 115 days
- Approximate harvest: 130 - 140 days
- Excellent uniformity
- Plant height = 150cm

ADVICE ON MAIZE YIELD IMPROVEMENT

PLANTING

- Aim for a plant population of 50 – 55,000 plants/ha
- Seed should be planted in rows 75cm apart
- The distance between plants within the row should be 25cm
- Seed should be planted **ONE SEED PER HOLE** at 4-5cm deep

*Above: Diagram showing how to plant Pannar Seed to maximise yield.*
STALKBORDER CONTROL

- Insecticide should be first sprayed when the crop is knee high
- Follow up sprays should be conducted when worm holes are noticed on 5% of the plants
- Stalkborer can cause 100% yield loss
- Insecticide available from Wienco

WEED CONTROL

- Weeds outcompete the maize and remove all nutrient and fertilizer from the soil
- Poor weed control is a direct loss to the farmers profits
- Weeds should be controlled with pre-emergent herbicides available from Wienco
- Secondary weed growth can be controlled with post emergent herbicides or by manually removing from the field

FERTILIZER APPLICATION

- Ensure the N:P:K blend is buried 5-10cm below the soil to maximize the availability to the crop
- Top dress with Urea when the crop is knee high and then again at waist high
WHITE HYBRID MAIZE

PAN 53  Medium Maturity

- A product of Pannar’s tropical breeding programme makes this the best white hybrid adapted to Ghanaian conditions
- Medium Maturity – 54 days to flower and 115-120 days to harvest
- Superior grain quality with hard flint grain making this hybrid more tolerant to insect damage
- Dark green leaf colour resulting from excellent fertilizer use efficiency
- Tolerant of acid soils
- Resistant to all major maize diseases
- Top performer in regional Ghanaian Research Trials

YELLOW HYBRID MAIZE

PAN 12  Medium Maturity

- Tropical yellow hybrid with phenomenal drought tolerance
- Very high yield potential – 8Mt/ha and higher
- Medium Maturity – 54 days to flower and 115-120 days to harvest
- Excellent dark yellow flint grain, tolerant of insect attack
- Outstanding on acidic soils
- Excellent leaf disease resistance

SOYABEAN

PAN 1867  Early Maturity

- Very quick maturity of 80 days. 30-40 days quicker than other varieties
- Large bean size for additional yield
- Very uniform crop with good agronomic characteristics
- 2-3Mt/ha yield potential

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- Seed should be planted ONE SEED PER HOLE at 4-5cm deep

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